# Producer Price Indexes <br> Data for July 1989 

U.S. Department of Labor

Bureau of Labor Statistics


## U.S. DEPARTMENT OF LABOR

Elizabeth Dole, Secretary

## BUREAU OF LABOR STATISTICS

Janet L. Norwood, Commissioner

OFFICE OF PRICES AND LIVING CONDITIONS
Kenneth V. Dalton, Associate Commissioner
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> Note: Effective with this issue, the United States Postal Service indexes, previously shown in table 10 , have been rebased to June $1989=100$ and are now included in table 5 . Tables that had been numbered 11,12 , and 13 have been renumbered as tables 10 , 11, and 12 respectively.

| Scheduled Release Dates |  |  |  |
| :--- | :--- | :--- | :---: |
| Producer Price Index data are scheduled for initial release on the following dates: |  |  |  |
| Index month | Release date | Index month | Release date |
| August | September 15 | November | December 15 |
| September | October 13 | December | January 12 |
| October | November 9 |  |  |

## Price Movements July 1989

The Producer Price Index for Finished Goods moved down 0.4 percent seasonally adjusted from June to July. The index had edged down 0.1 percent in June following a 0.9 -percent advance in May. Prices for intermediate goods declined 0.2 percent, the same as in June. Prices received by domestic producers of crude goods moved up 0.2 percent in July, after falling 2.0 percent in the month before. (See table A.)
The 0.4-percent drop in the Finished Goods Price Index reflected a sharp decline in prices of energy goods and a substantial decrease in new car prices partially stemming from the earlier-than-usual introduction of end-of-model-year discounts. Consumer food prices turned up slightly after a June decrease. The index for finished goods other than foods and energy edged down in July, largely because of lower motor vehicle prices.
Before seasonal adjustment, the Producer Price Index for Finsihed Goods declined 0.1 percent in July to 114.0 $(1982=100)$.
From July 1988 to July 1989, the Finished Goods Price Index rose 5.0 percent. During this same period, the Intermediate Goods Price Index increased 4.1 percent and the Crude Goods Price Index advanced 6.6 percent. Although prices for finished consumer foods moved up 4.8 percent over the last 12 months, the index for intermediate foods and feeds decreased 2.0 percent and the crude foodstuffs index fell 0.4 percent. The crude energy goods index rose much more ( 17.2 percent) during the year ended in July 1989 than either finished or intermediate energy goods ( 11.6 and 6.8
percent). Price indexes for finished and intermediate goods other than foods and energy were each up about 4 percent, while the index for basic industrial materials increased 1.5 percent.

## Finished goods

Finished consumer goods. The Producer Price Index for finished consumer goods fell 0.6 percent seasonally adjusted in July following a 0.4 -percent drop a month earlier. The index for finished energy goods declined 3.0 percent, about the same as in June. Although the indexes for natural gas and home heating oil turned up somewhat, gasoline prices fell even more than a month earlier ( -7.2 vs. -4.0 percent).
The consumer foods index inched up 0.1 percent in July after falling 0.8 percent a month earlier. Beef and veal prices rose 2.5 percent after falling 3.8 percent in June. Prices also turned up after declining in the previous month for fish, pasta, soft drinks, and shortening and cooking oils. Price increases accelerated for dairy products, bakery products, roasted coffee, and milled rice. Fresh fruit prices continued to rise. In contrast, prices turned down after increasing a month earlier for pork, eggs, and processed turkeys, and prices for processed chickens and fresh vegetables fell more than in June. Price increases slowed considerably for processed fruits and vegetables and confectionery end products.
The index for consumer goods other than foods and energy decreased 0.3 percent in July after rising 0.7 percent a month

Table A. Monthly and annual percent changes in selected stage-ot-processing price indexes, seasonally adjusted'

| Month | Finished goods |  |  |  |  | Intermediate goods | Crude goods |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total | Foods | Energy | Except foods and energy | Change in finished goods from 12 months ago (unadj.) |  |  |
| 1988: |  |  |  |  |  |  |  |
| July ... | 0.6 | 0.7 | 1.2 | 0.4 | 2.5 | 0.7 | -0.3 |
| August ........................................................... | . 3 | . 6 | -1.0 | . 4 | 2.6 | . 3 | . 6 |
| September ...................................................... | . 6 | . 9 | -. 8 | . 6 | 2.7 | . 4 | -. 1 |
| October | . 1 | . 1 | 0 | . 1 | 3.0 | 0 | -. 5 |
| November ..................................................... | . 3 | . 3 | . 8 | . 2 | 3.3 | . 4 | -1.9 |
| December ........................................................ | . 4 | . 1 | -. 5 | . 6 | 4.0 | . 5 | 3.2 |
| 1989: |  |  |  |  |  |  |  |
| January ........................................................... | 1.1 | 1.3 | 4.9 | . 5 | 4.5 | 1.2 | 4.1 |
| February ......................................................... | . 9 | . 9 | 2.4 | . 6 | 5.3 | . 5 | -. 3 |
| March .............................................................. | . 4 | . 8 | 1.4 | . 2 | 5.5 | . 5 | 2.2 |
| April ................................................................ | . 4 | -. 5 | 6.8 | 0 | 5.6 | . 5 | . 5 |
| May ............................................................... | . 9 | . 8 | 3.3 | . 5 | 6.2 | . 1 | . 9 |
| June ............................................................... | -. 1 | -. 8 | -3.1 | . 7 | 5.9 | -. 2 | -2.0 |
| July ................................................................ | -. 4 | . 1 | -3.0 | -. 2 | 5.0 | -. 2 | . 2 |

${ }^{1}$ Data for March 1989 have been revised to reflect the availability of late reports and corrections by respondents. For this reason, some of the
figures shown above and elsewhere in this report may differ from those previously published.

Table B. Monthly and annual percent changes in selected price indexes for intermediate goods and crude goods, seasonally adjusted'

| Month | Intermediate goods |  |  |  | Crude goods |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Foods | Energy | Except foods and energy | Change in intermediate goods from 12 months ago (unadj.) | Foods | Energy <br> (unadj.) | Except foods and energy | Change in crude goods from 12 months ago (unadj.) |
| 1988: |  |  |  |  |  |  |  |  |
| July ...................................................................... | 4.7 | -1.0 | 0.7 | 6.0 | 2.1 | -3.9 | 1.8 | 1.4 |
| August ................................................................ | -. 9 | -. 6 | . 5 | 5.8 | 2.4 | -1.8 | . 8 | . 4 |
| September ......................................................... | . 3 | -. 4 | . 5 | 5.8 | 2.0 | -2.1 | -. 5 | 1.0 |
| October ............................................................. | -. 2 | -2.8 | . 4 | 5.3 | . 3 | -2.2 | . 2 | . 6 |
| November .......................................................... | -1.7 | -1.0 | . 7 | 5.3 | -4.1 | -. 6 | 1.6 | -. 2 |
| December ........................................................... | -. 8 | 1.2 | . 5 | 5.6 | 1.8 | 5.9 | 1.2 | 3.1 |
| 1989: |  |  |  |  |  |  |  |  |
| January .............................................................. | 2.6 | 3.7 | . 8 | 6.1 | 2.3 | 6.9 | 2.5 | 8.2 |
| February | -. 3 | 1.4 | . 3 | 6.4 | -1.4 | 1.1 | -. 5 | 6.9 |
| March | 1.7 | 2.3 | . 3 | 6.5 | 3.1 | 2.1 | . 4 | 9.7 |
| April ................................................................... | -1.3 | 3.6 | . 2 | 6.3 | -2.9 | 4.8 | -. 9 | 8.9 |
| May .................................................................... | -1.4 | . 8 | . 2 | 6.0 | . 4 | 2.2 | -. 4 | 9.4 |
| June .................................................................. | -1.6 | -. 1 | -. 2 | 4.8 | -2.6 | -1.8 | -1.3 | 6.1 |
| July .................................................................... | 1.6 | -1.3 | -. 2 | 4.1 | -1.1 | 2.1 | -1.5 | 6.6 |

${ }^{1}$ Data for March 1989 have been revised to reflect the availability of late reports and corrections by respondents. For this reason, some of the
figures shown above and elsewhere in this report may differ from those previously published.
earlier. Passenger car prices fell 1.9 percent after inching up 0.1 percent in June. Some end-of-model-year discounts, which have normally been reflected in September data, were begun earlier than usual this year as producers attempted to reduce inventory levels. Price indexes also declined after advancing in the previous month for tobacco products, children's apparel, and soaps and detergents. Prices fell more than in June for cosmetics and floor coverings. Price increases slowed for household furniture and over-thecounter drugs. In contrast, prices turned up after decreasing a month earlier for household glassware, household flatware, and gold jewelry. Price increases accelerated for books and textile housefurnishings. Prices continued to rise for prescription drugs, men's apparel, and household appliances. Women's apparel prices fell less than in June.

Capital equipment. The Producer Price Index for capital equipment was unchanged from June to July. Declines for motor vehicles were offset by scattered moderate increases for other kinds of capital goods.

## Intermediate goods

The 0.2 -percent drop in the Intermediate Goods Price Index in July was partly due to a 1.3 -percent decline in the energy goods category, which had inched down in the month before. Prices for intermediate goods other than foods and energy dropped 0.2 percent, the same as in June. The foods and feeds index, however, climbed 1.6 percent following a decline of the same size in the previous month. (See table B.)
Among intermediate energy goods, residual fuel prices turned down after substantial advances in 6 of the 7 preceding months. Gasoline and liquefied petroleum gas prices fell
more than in June. The index for jet fuel also declined, although not as much as in the preceding month. On the other hand, diesel fuel prices edged up after substantial decreases in May and June. The electric power index also moved up but far less than in the previous month.
Prices for manufacturing materials continued to decline on a broad front in July. The index for nondurable manufacturing materials fell 0.7 percent for the second consecutive month. The July decrease was led by industrial chemicals, plastic resins and materials, and fertilizer materials. Prices were also lower for paper, paperboard, and paint materials. Higher prices were registered, however, for textile materials and leather. The durable manufacturing materials index was down 0.6 percent over the month, the fourth consecutive drop. Copper and copper-based products once again paced the decline, and aluminum and steel prices also decreased.
The construction materials index showed no change in July, after inching down 0.1 percent a month earlier. Most price movements within this grouping were modest. Plywood led the increases, and nonferrous wire and cable led the decreases.
Among other kinds of intermediate industrial goods, increases were recorded for paper bags and boxes, commercial printing, and steel cans. Prices for electronic components, industrial gases, and mixed fertilizers moved down.
The upturn in the intermediate foods and feeds index was chiefly due to prepared animal feeds, which climbed 2.8 percent in July in the wake of a 2.6 -percent drop in June. Refined sugar prices also turned up in July. In contrast, the confectionery materials index turned down.

## Crude goods

After falling 2.0 percent in June, the Producer Price Index
for Crude Materials for Further Processing edged up 0.2 percent in July, seasonally adjusted. Crude energy prices turned up following June declines, while decreases slowed for the crude foodstuffs index. Basic industrial material prices continued to drop. (See table B.)
The crude energy materials index rose 2.1 percent after dropping 1.8 percent in June. The indexes for both crude petroleum and natural gas advanced following declines in the previous month. Coal prices moved up 1.7 percent, the largest monthly increase in 7 years.
The crude foodstuffs and feedstuffs index fell 1.1 percent after dropping 2.6 percent in June. Chicken prices declined 23.1 percent and turkey prices were down 11.7 percent following much smaller decreases in the previous month. Indexes for fresh vegetables and hogs also fell more than in June, and hay prices turned down sharply. In contrast, prices for soybeans, corn, unprocessed fish, and wheat moved up after June decreases. In addition, price increases accelerated for cattle, fluid milk, lambs, and raw cane sugar. Fresh fruit prices continued to show a small advance.

The index for crude nonfood materials other than energy fell 1.5 percent following a 1.3 -percent decline in June. Substantial decreases were noted for scrap metals and copper ores. Prices for lead and zinc ores, wastepaper, and phosphates showed moderate declines. On the other hand, there were sizable price advances for softwood logs, cattle hides, and silver ores. Prices for raw cotton and ferroalloy ores also increased.

## Net output price indexes for mining and manufacturing industries

The Producer Price Index for the net output of the domestic manufacturing sector edged down 0.1 percent in July for the second consecutive month. (Net output price indexes are not
seasonally adjusted.) As in June, the decrease was led by a substantial drop ( 3.5 percent) in the index for the petroleum refining industry group. The transportation equipment industry group index decreased 0.7 percent in July after a small increase the month before. In contrast, the index for the lumber and wood products industry group advanced 1.0 percent over the month, considerably more than in June. Indexes for the food, apparel, and leather industry groups moved up 0.5 percent. The primary metal and tobacco manufactures indexes each showed little or no change in July; in the preceding month, the former fell 0.9 percent, and the latter jumped 5.4 percent. From July 1988 to July 1989, the index for the net output of manufacturing industries advanced 4.8 percent.

After declining 1.8 percent in June, the index for the net output of the domestic mining sector climbed 1.2 percent. Over the 12 months ended in July 1989, this index rose 11.4 percent. The upturn in July was paced by the oil and gas extraction industry group, which increased 1.6 percent following a 2 .2-percent June decrease. The bituminous coal industry group index moved up 1.0 percent in July. The metal mining industry group index, however, fell 4.2 percent, even more than June's decline of 3.4 percent.

Some of the previously published net output price indexes for industries and industry groups-i.e., indexes at the 2-, 3 -, and 4-digit levels within the Standard Industrial Classification system shown in tables 4 and 5 of this periodical-have been corrected from March 1986 through June 1989. In addition, some of the price indexes shown in tables 10,11 , and 12 of this issue have been similarly corrected for the same time period. Most of these corrections are small. Tables showing complete corrected data are available on request. These corrections do not affect any other indexes shown in this periodical. Product indexes below the 4-digit SIC industry level are not affected.

## Price Highlights, First Half of 1989

## Craig Howell and Roger Burns

Prices received by domestic producers of finished goods moved up at a seasonally adjusted annual rate of 7.6 percent during the first half of 1989 , considerably more than the 4.3-percent annual rate registered in the second half of 1988 and the 3.6 -percent rate in the first half of that year. The Intermediate Goods Price Index rose at a 5.4 -percent rate from December 1988 to June 1989, more than the 4.5 -percent rate recorded in the latter half of 1988 but less than the 6.9-percent rate from December 1987 to June 1988. Crude material prices accelerated to a 10.9 -percent rate from a 1.9percent rate of increase from June to December 1988.
For each of these three major stage-of-processing indexes, prices climbed at or near double-digit rates during the first quarter of 1989, but then slowed down or dropped in the second quarter. Food and energy prices accounted for much of this pattern, climbing rapidly early in the year before decelerating or turning down by midyear. As usual, price movements outside these two sectors were less volatile. Price increases for finished goods other than foods and energy slowed slightly in the second quarter, the index for intermediate nonfood nonenergy items slowed almost to a halt, and prices for basic industrial materials turned down substantially. Because prices often behaved so differently in the first and second quarters, the analysis in this article will focus on quarterly as well as semiannual rates of change.
Fears were widespread early in 1989 that accelerating producer prices might be a prelude either to a resumption of double-digit inflation or another period of stagflation combining high rates of price increase with sluggish overall economic growth. By midyear, however, decelerating producer prices seemed to join with other economic indicators to signify a cooling economy.

## Finished goods

During the first 3 months of 1989, the Producer Price Index for Finished Goods climbed at a seasonally adjusted annual rate of 10.2 percent following a 3.0 -percent rate in the final quarter of 1988. Acceleration was evident in most of the subordinate stage-of-processing groupings, led by energy goods (up at a 41.0 -percent rate, vs. a 1.4 -percent rate in the fourth quarter of 1988 ) and foods ( 13.1 vs. 2.1 percent). The index for finished goods other than foods and energy

[^0]moved up at a 5.1 -percent rate, following a 3.4-percent rate in the preceding 3 months, reflecting accelerations for consumer durables ( 5.7 vs. 1.0 percent) and capital equipment ( 4.6 vs. 1.7 percent). The only exception to the pattern was the index for consumer nondurables other than foods and energy, which slowed from a 7.0 -percent rate of advance in the last 3 months of 1988 to a 5.2 -percent rate.
The pace of inflation followed a very different course during the second quarter of the year, as the Finished Goods Price Index halved its annual rate of increase to 5.1 percent. Food prices accounted for much of this deceleration by dropping at a 2.0 -percent rate. Consumer durable prices registered a pronounced slowdown, rising at a rate of 1.4 percent. The energy goods index continued to rise rapidly through May but then turned down in June. Capital equipment prices rose a little less than in the first quarter ( 4.1 vs . 4.6 percent). The index for consumer nondurables other than foods and energy accelerated to a 7.8 -percent rate; as a result, the slowdown in the rate of increase for finished goods other than foods and energy was marginal ( 4.7 vs. 5.1 percent).

Foods. After rising 5.7 percent from the end of 1987 to the end of 1988, the Producer Price Index for finished consumer foods climbed at a seasonally adjusted annual rate of 13.1 percent during the first 3 months of 1989 but then fell somewhat (at a 2.0 -percent rate) during the second quarter. The first-quarter advance was in part due to lower supplies, depleted by the severe drought of the summer of 1988 that affected much of the country's major agricultural regions. Prices for most food items then eased or retreated in the second quarter as new supplies became more abundant.
Among fresh foods, vegetable prices were quite erratic in many months during the first half of 1989. Even though the fresh vegetables index fell in 4 of these 6 months, these declines were swamped by huge increases in February and May, resulting in a 42.7-percent rate of advance for the first half. Temporary shortages of tomatoes were the single most important influence behind the February and May increases in the fresh vegetables index. Fresh fruit prices were also volatile, with a substantial first-quarter advance more than offset by sharply lower second-quarter prices. Egg prices climbed more than a third in the first quarter before retreating somewhat in the spring, as table egg production dropped early in the year and then stabilized.

Among processed foods, prices for pork and beef each rose substantially from December to March and then turned down
from March to June; pork registered a substantial rise for the 6 -month period, but beef prices were lower in June than in December. Prices for processed poultry, soft drinks, bakery products, and roasted coffee each climbed more in the first quarter than in the second. The index for shortening and cooking oils was one of the few that fell in both quarters, partly reflecting the general downward trend in soybean quotations that started in the final months of 1988.

Energy. The index for finished energy goods climbed strongly through the first 5 months of 1989 before retreating somewhat in June. The net result was a 35.9 -percent rate of advance during the first half of the year, in dramatic contrast to the trend of falling prices that had prevailed from late 1987 through 1988.
Gasoline prices advanced rapidly through May but then turned down in June. The fact that world crude oil prices had been climbing more than gasoline prices since late 1988, as well as that the outlook for demand during the vacation season was promising, were important influences behind the upward surge. The largest single monthly rise in gasoline prices during the first half was the jump of 13.4 percent recorded in April. Although the April jump followed the grounding of the Exxon Valdez, the direct impact of this spill on refinery prices of gasoline and other petroleum-related products was minimal because of the small proportion of petroleum lost to world markets by this disaster. The June turndown reflected the drop in crude oil prices.
Home heating oil prices were sharply higher during the first quarter of 1989 in response to higher crude petroleum costs. This index fell back in the spring after a mild winter in much of the country that left excess inventories of heating fuel. The natural gas index continued its erratic course of 1988, rising a few months and then backing down. The net result in the first half of 1989 was an advance at an annual rate of about 10 percent as natural gas prices roughly followed the upward path of petroleum-related products.

Consumer durables. The index for consumer durable goods moved up at a seasonally adjusted annual rate of 3.5 percent from December 1988 to June 1989, virtually the same as in each half of 1988. But, as in both halves of 1988, an acceleration in the early months was counterbalanced by a slowdown in the later months.
Domestic automobile prices climbed at a 3.9-percent rate from December to March, as manufacturers did not provide sales incentives and financing concessions to the same degree as in some other recent years. In April, the new car index dropped substantially. New incentive plans and factoryfinanced interest subsidy programs for buyers were instituted as inventories of unsold autos on dealer lots became larger. The rebound in the May index resulted from higher charges for some models and options. For the second quarter, the new car index showed no net change. The quarterly increases in light truck prices in the first half of 1989 were far less than for 1988.

Among other consumer durable goods, household flatware prices climbed rapidly in the first quarter but fell during the second. Prices rose in the first half for household furniture, appliances, electronic equipment, and tableware and kitchenware, but prices for jewelry and floor coverings were down.

Consumer nondurables. The index for consumer nondurable goods other than foods and energy moved up at an annual rate of 6.5 percent during the first half of the year, nearly the same as in the second half of 1988. This index rose more in the second quarter than in the first, chiefly because of cigarettes. The 6.9 -percent hike in cigarette prices from May to June reflected the recent trend in the timing of the twice-a-year price adjustments by domestic manufacturers, now effective in December and June rather than January and July. The latest price boost partly reflected higher costs for leaf tobacco and also raised cash reserves for some producers faced with falling demand in recent years.
Elsewhere within the consumer nondurables grouping, good consumer demand and earlier advances in some material and labor costs contributed to increases at annual rates of at least 5 percent during the first half for sanitary paper products, prescription and over-the-counter drugs, publications, tires and tubes, and footwear. However, prices for apparel, textile housefurnishings, cosmetics, and soaps and detergents each rose at an annual rate of only about 2 percent.

Capital equipment. The index for capital equipment moved up at a 4.3-percent seasonally adjusted annual rate from December to June, slightly more than in each half of the preceding year. Although the second-quarter rate was marginally less than that of the first quarter ( 4.1 vs. 4.6 percent), the largest single advance during the first 6 months of 1989 was June's 0.7 -percent increase. This, in turn, was largely due to an 8.0 -percent surge in the index for ships. (The ships index, unlike most PPI series, is heavily influenced by contract prices.) Inasmuch as this index had shown virtually no net change from the time of its introduction in December 1985 through May 1989, this 8.0percent rise might have loomed large from a perspective of 1 month but seemed much less significant from a perspective of more than 3 years.

Aside from ships, some of the largest increases within the capital equipment grouping during the first half of 1989 included railroad equipment, transformers and power regulators, construction machinery, paper industries machinery, pumps and compressors, and metal forming machine tools. At the same time, however, heavy truck prices edged down at a 0.9 -percent rate in the wake of a 12.5 -percent rate of increase in the latter half of 1988. In addition, prices rose much less than in the last 6 months of 1988 for metal cutting machine tools, mining machinery, office and store machines, and commercial furniture.

## Intermediate goods

The Producer Price Index for Intermediate Materials,

Supplies, and Components moved up at a seasonally adjusted annual rate of 5.4 percent in the first 6 months of 1989, a rate consistent with the 5.6 -percent climb recorded for all of 1988. After advancing sharply in January, this index rose moderately for several months before turning down in June, the first decrease since October 1986.
The index for intermediate goods excluding foods and energy rose at a 5.5 -percent rate in the first 3 months of 1989, somewhat less than at any time during the previous year. This index then uncharacteristically showed little change from March to June. Prices for intermediate energy goods advanced strongly in the first 4 months of the year before slowing abruptly in May and edging down in June. The first-quarter increase in the foods and feeds index was more than balanced by falling prices throughout the second quarter.

Manufacturing materials. The movement away from doubledigit inflation in manufacturing material prices was one of the most significant developments in producer prices during the first half of 1989. The index for durable manufacturing materials advanced at a 6.3 -percent annual rate from December 1988 to March 1989, less than half its 13.6 -percent rate of increase in the final quarter of 1988. It then dropped at a 7.7 -percent rate from March to June. Similarly, after climbing 11.4 percent in calendar year 1988, the index for nondurable manufacturing materials slowed to a 6.2 -percent rate during the opening 3 months of 1989 and then fell at a 0.7 -percent rate in the next 3 months.
Among durable manufacturing materials, copper prices, which had more than doubled between late 1986 and late 1988, were more than 20 percent lower in June 1989 than their peak level in December 1988. Resolution of labor disputes in Peru and other major exporting countries, together with weaker demand from the automotive and residential construction sectors, helped to bring copper prices down. Zinc prices continued to climb through the first quarter but then retreated considerably by midyear in light of reduced demand for galvanized automotive sheet, Lead prices, however, turned down in the first quarter but resumed their upward movement in the spring because of strong demand from the battery replacement market. Aluminum price movements were mixed but generally declined. Precious metal prices also trended lower in the first half, partly because of sluggish speculative demand as any danger of runaway inflation in the near future receded. Prices for most kinds of nonferrous mill shapes fell during the first 6 months of 1989.
The index for steel mill products rose at a rate of 10.3 percent in the first quarter, partly as a result of continued increases in stainless and alloy sheets due to climbing material costs for nickel, chrome, and vanadium. This index, however, edged down from March to June, partly because the outlook for demand from the capital investment, construction, and automotive markets dimmed somewhat.
Among nondurable manufacturing materials, industrial chemical prices moved up at an annual rate of 1.6 percent during the first 6 months of the year, a sharp deceleration
from the 17.5 -percent rate of advance in the last half of 1988. The slowdown was all the more impressive in light of the resurgence of crude oil prices in early 1989. Increased capacity for chemical production in other countries, as well as uncertain demand prospects and high inventories for some items, served to restrain industial chemical price advances. Similarly, the plastic resins and materials index followed its 17-percent rate of increase in the second half of 1988 with a 4.3-percent rate of decline in the first half of 1989. More intensive competition from imports, expanded capacity in this country and elsewhere, and decreased sales to several Asian nations contributed to this price downturn. Prices for fertilizer materials and leather also turned down after increasing in the preceding 6 months.
In contrast, prices for woodpulp, paint materials, and synthetic fibers rose at double-digit rates in the first half of the year, and paper and paperboard prices continued to advance. Capacity utilization rates remained significantly higher in the paper and textile industries than in most other nondurable manufacturing industries.

Construction materials. After rising 5.6 percent in 1988, the index for construction materials slowed slightly to a 5.1percent rate in the first quarter and then slowed considerably more to a 3.0 -percent rate in the second. The construction materials index was held down through early 1989 in large part by falling prices for nonferrous metals. The index for nonferrous wire and cable, for example, soared at a rate of more than 60 percent in the fourth quarter of 1988 before decelerating to a 3.9 -percent rate of increase in the first 3 months of 1989 and then dropping at a 6.1-percent rate during the second quarter. Gypsum product prices, which had been falling for several years before rallying at the end of 1988, resumed their decreases in the first half of 1989. Paving mixtures and blocks declined somewhat more rapidly than in the latter half of 1988.

The deceleration in the construction materials index would have been more pronounced except for a surge in several indexes relating to wood products. After edging down in the last 6 months of 1988, the softwood lumber index advanced at an 18.3-percent rate from December to June. Environmental restrictions on logging in the Pacific Northwest, strikes, and brisk demand from Japan for logs helped to jack up lumber prices, even though high mortgage interest rates resulted in a drop in new housing starts. Plywood prices followed a similar path for similar reasons, climbing at an 18.3-percent rate in the first half of 1989 following a 2.9 -percent rate of increase from June to December. Price increases for millwork also accelerated, although not nearly as much as softwood lumber and plywood prices.

Prices for refractories increased substantially in the first quarter but much more modestly in the second. The index for fabricated structural metal products rose at a rate of about 5 percent in the first half, approximately the same as in the last 6 months of 1988 .

Energy. After decreasing at an 8.9-percent rate in the second half of 1988 , the index for intermediate energy goods advanced at a 26 -percent rate during the first 6 months of 1989. As with other indexes related to energy, most of this surge occurred in the first quarter. By June, many items within this grouping had turned down.

Prices for residual fuels, gasoline, and liquefied petroleum gas each rose at an annual rate of more than 50 percent in the first half of the year, following declines in the previous 6 months. Prices for diesel fuel and jet fuel turned up at a rate of more than 30 percent. Even though the electric power index moved up at a comparatively moderate rate of 12.9 percent, this index was unusual in that it recorded its largest monthly advance in June, reflecting the delayed impact of the earlier runup in fuel costs.

Foods and feeds. The index for foods and feeds turned up strongly in the first quarter of the year but then reversed direction, resulting in a net decline at a 0.9 -percent rate in the first half. Prepared animal feeds were responsible in large part for this pattern, climbing at a 14.0 -percent rate from December to March and then falling at a 28.5 -percent rate from March to June. Feed prices were driven down by an increasingly good outlook for corn harvests due to favorable weather. This was in sharp contrast to the severe heat and drought that had substantially cut 1988 harvests. Generally favorable weather also was conducive to good pasturing conditions for cattle, reducing demand for supplemental feeds.
Reflecting the continued impact of 1988's drought-reduced corn harvest, short supplies of corn syrup, a major raw material for corn-based sweeteners, resulted in a substantial first-half boost in the confectionery materials price index. Flour prices rose modestly.
The crude vegetable oils index, however, dropped at an annual rate of 28.5 percent, partly reflecting abundant soybean supplies here and abroad.

## Crude goods

The acceleration in the Producer Price Index for Crude Materials for Further Processing to a double-digit level during the first half of 1989 was entirely due to crude energy goods. Prices for these items jumped to a 34.7-percent rate following a 9.5 -percent rate of decline in the previous half. However, crude foodstuffs and feedstuffs dropped at a 2.5-percent rate in the first 6 months of the year, and basic industrial materials edged down at a 0.3-percent rate, following advances for both categories in the latter half of 1988.
The crude goods price index showed a strong advance in the first quarter, rising at a 26.4 -percent rate, but then declined at a 2.7 -percent rate in the second quarter. Prices for nonenergy items turned down in the second quarter after
having risen in the first, while price advances for energy materials slowed during the second quarter.

Foods. The crude foodstuffs and feedstuffs index dropped at an 18.7-percent rate in the second quarter after climbing at a 16.9-percent rate in the first. Second-quarter prices turned down for livestock, live chickens, corn, soybeans, wheat, and fresh fruits after increasing during the first quarter. Increased slaughter rates boosted market supplies of cattle and hogs, thus lowering prices in the second quarter. Chicken prices were lower as expanded production more than offset recent increases in demand for chickens. Lower grain prices resulted from favorable growing weather and the lesser need for feed because of good pasturing. Soybean prices declined as larger domestic supplies due to improved weather were augmented by increased imports in the wake of a substantial Brazilian harvest. Price increases slowed for fresh vegetables and live turkeys. In contrast, price advances accelerated for hay, and raw cane sugar and fluid milk prices turned up.

Energy. The crude energy index was up from March to June at a 22.3 -percent rate following a 48.3-percent rate during the first quarter. The November 1988 agreement of OPEC (Organization of Petroleum Exporting Countries) put tighter restrictions on world crude production, pushing oil prices up in early 1989. Over the following months, however, several OPEC members pressed for an easing of the agreement. Prices first rose more slowly and then actually turned down in June as a new OPEC agreement in that month loosened production restrictions. Among other types of crude energy goods, the natural gas price index rose faster than in the preceding quarter, and coal prices turned up after declining.

Basic industrial materials. The index for crude nonfood materials other than energy fell at a 9.8 -percent rate in the second quarter after rising at a 10.3 -percent rate from December to March. Second-quarter prices turned down for cattle hides, iron and steel scrap, copper base scrap, other nonferrous scrap, hardwood logs, and domestic apparel wool after rising in the first quarter. Cattle hide prices moderated after strong foreign demand drove prices up in the first quarter. Movements in copper base scrap prices followed those of the primary metal. Prices for aluminum base scrap, silver ores, uranium ores, and wastepaper fell faster than in the preceding quarter.

In contrast, price advances accelerated in the second quarter for raw cotton as demand for many kinds of cotton products surged in the spring and adverse weather in Louisiana and Texas set back prospects for this year's harvest. Exports of raw cotton increased as supply problems were noted in the Soviet Union, China, South America, India, Pakistan, and elsewhere. Prices also rose faster for softwood logs, partly because of inclement weather and some courtordered restrictions on logging in the Pacific Northwest.

## Resampling of Industries

Effective with this issue of Producer Price Indexes, another set of resampled industries is introduced. Under the resampling procedure, the sample for an industry is updated to reflect current conditions more accurately when the structure, membership, technology, or product mix of an industry has shifted significantly. The Bureau of Labor Statistics published the first results of this systematic process in July 1986. Subsequent efforts have been completed at 6-month intervals. Twenty-nine resampled manufacturing and 6 mining industries, along with 1 service industry, are being introduced this month. Indexes for these manufacturing and mining industries and most of their products will continue to appear in table 5 of this periodical. The United States Postal Service indexes, previously shown as table 10 of this periodical, have been rebased to June $1989=100$ and will now be included in table 5, effective with this issue. A summary index for postal services appears in table 4 of this issue.

The industries resampled in July are as follows:
Standard
Industrial
Classification
(SIC) Code
Industry

| 1411 | Dimension stone |
| :--- | :--- |
| 1422 | Crushed and broken limestone |
| 1423 | Crushed and broken granite |
| 1429 | Crushed and broken stone, n.e.c. |
| 1442 | Construction sand and gravel <br> 1446 |
|  | Industrial sand |
| 2061 | Cane sugar, except refining |
| 2086 | Bottled and canned soft drinks and <br>  <br> 2092 |
|  | carbonated waters |
| 2111 | seafored fresh or frozen fish and |
| 2121 | Cigarettes |
| 2131 | Cigars |
| 2141 | Chewing and smoking tobacco and snuff |
| 2391 | Tobacco stemming and redrying |
| 2515 | Curtains and draperies |
|  | Mattresses, foundations, and convertible |
|  | beds |

## Standard

Industrial
Classification
(SIC) Code

2761

Information on specific additions, deletions, and recodes effective with this issue appears in tables 13 through 16.

Table 1. Producer price indexes and percent changes by stage of processing
$(1982=100)$

| Grouping | Relative importance Dec. $1988^{1}$ | Unadjusted index |  |  | Unadjusted percent change to July1989 from |  | Seasonally adjusted percent change from: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1988 \end{gathered}$ | $\begin{aligned} & \text { June } \\ & 1989 \end{aligned}$ | Apr. to May | May to June | June to July |
| Finished goods | 100.000 | 112.1 | 114.1 | 114.0 | 5.0 | -0.1 | 0.9 | -0.1 | -0.4 |
| Finished consumer goods | 74.224 | 110.6 | 113.0 | 112.8 | 5.4 | -. 2 | 1.1 | -. 4 | -. 6 |
| Finished consumer foods | 25.831 | 118.3 | 118.4 | 119.0 | 4.8 | . 5 | . 8 | -. 8 | . 1 |
| Crude | 1.826 | 128.3 | 119.2 | 119.2 | 7.3 | 0 | 12.0 | -8.7 | -1.5 |
| Processed | 24.006 | 117.5 | 118.3 | 119.0 | 4.7 | . 6 | 0 | -. 1 | . 1 |
| Finished consumer goods, excluding foods | 48.393 | 106.8 | 110.3 | 109.7 | 5.7 | -. 5 | 1.1 | -. 1 | -. 9 |
| Nondurable goods less foods ............................................. | 32.791 | 101.3 | 105.9 | 105.3 | 7.1 | -. 6 | 1.2 | -. 2 | -1.2 |
| Durable goods ................................................................... | 15.602 | 116.6 | 117.2 | 116.7 | 2.7 | -. 4 | . 8 | . 2 | -. 3 |
| Capital equipment | 25.776 | 117.5 | 118.6 | 118.6 | 3.9 | 0 | . 4 | . 7 | 0 |
| Manufacturing industries | 6.793 | 119.1 | 120.1 | 120.3 | 4.1 | . 2 | . 4 | . 3 | . 2 |
| Nonmanufacturing industries ................................................. | 18.983 | 117.0 | 118.1 | 117.9 | 3.7 | -. 2 | . 4 | . 9 | -. 2 |
| Intermediate materials, supplies and components | 100.000 | 111.5 | 112.6 | 112.6 | 4.1 | 0 | . 1 | -. 2 | -. 2 |
| Materials and components for manufacturing ..... | 50.950 | 118.7 | 118.4 | 118.2 | 3.7 | -. 2 | 0 | -. 4 | -. 3 |
| Materials for food manufacturing ............... | 3.352 | 111.4 | 112.1 | 112.9 | 2.7 | . 7 | -. 4 | -. 2 | . 2 |
| Materials for nondurable manufacturing | 16.295 | 119.8 | 119.6 | 118.9 | 4.5 | -. 6 | . 2 | -. 7 | -. 7 |
| Materials for durable manufacturing . | 12.121 | 125.7 | 123.6 | 123.0 | 3.1 | -. 5 | -. 7 | -. 9 | -. 6 |
| Components for manufacturing ${ }^{3}$ | 19.182 | 115.7 | 116.3 | 116.5 | 3.6 | . 2 | . 3 | . 2 | . 2 |
| Materials and components for construction | $12.65 \dagger$ | 120.5 | 121.4 | 121.5 | 4.3 | , 1 | . 5 | -. 1 | 0 |
| Processed fuels and lubricants ... | 11.208 | 73.2 | 79.3 | 78.7 | 6.9 | -. 8 | . 8 | -. 1 | -1.3 |
| Manufacturing industries | 4.361 | 75.0 | 81.3 | 81.1 | 6.7 | -. 2 | . 9 | . 8 | -. 7 |
| Nonmanufacturing industries | 6.846 | 72.1 | 78.0 | 77.2 | 6.9 | -1.0 | . 6 | -. 6 | -1.7 |
| Containers | 4.180 | 124.4 | 125.8 | 126.0 | 4.6 | . 2 | . 5 | . 3 | . 4 |
| Supplies | 21.011 | 118.0 | 118.0 | 118.4 | 2.8 | . 3 | -. 1 | 0 | -4 |
| Manufacturing industries ${ }^{3}$ | 7.565 | 119.1 | 120.1 | 120.2 | 4.3 | . 1 | . 3 | . 3 | 0 |
| Nonmanufacturing industries | 13.445 | 117.5 | 116.9 | 117.5 | 2.0 | . 5 | 0 | -. 3 | . 6 |
| Feeds ...... | 1.879 | 121.0 | 112.5 | 115.5 | -10.0 | 2.7 | -3.2 | -4.2 | 4.4 |
| Other supplies ${ }^{3}$ | 11.566 | 116.7 | 117.4 | 117.7 | 4.2 | . 3 | . 3 | . 3 | . 3 |
| Crude materials for further processing . | 100.000 | 103.2 | 103.9 | 103.7 | 6.6 | -. 2 | . 9 | -2.0 | . 2 |
| Foodstuffs and feedstuffs .................. | 43.698 | 113.7 | 111.4 | 109.7 | -. 4 | -1.5 | . 4 | -2.6 | -1.1 |
| Nonfood materials | 56.302 | 92.2 | 94.6 | 95.3 | 12.0 | . 7 | 1.3 | -1.6 | 1.0 |
| Noniood materials except fuel ${ }^{4}$ | 39.758 | 94.6 | 97.3 | 97.9 | 14.5 | . 6 | 1.0 | -2.7 | 1.2 |
| Manufacturing ${ }^{4}$...................... | 36.687 | 90.1 | 92.6 | 93.1 | 14.8 | . 5 | . 7 | -1.8 | . 8 |
| Construction | 3.071 | 131.1 | 136.2 | 138.0 | 9.4 | 1.3 | 2.0 | 1.3 | 1.3 |
| Crude fuel ${ }^{35}$ | 16.544 | 83.8 | 85.7 | 86.8 | 6.2 | 1.3 | 2.6 | -1.4 | 1.3 |
| Manufacturing industries ${ }^{3}$ | 8.396 | 82.3 | 84.3 | 85.5 | 7.5 | 1.4 | 3.0 | -1.7 | 1.4 |
| Nonmanufacturing industries ${ }^{3}$ | 8.147 | 85.6 | 87.3 | 88.3 | 4.7 | 1.1 | 2.3 | -1.1 | 1.1 |
| Speclal groupings |  |  |  |  |  |  |  |  |  |
| Finished goods, excluding foods ............................................... | ${ }^{6} 74.169$ | 110.0 | 112.7 | 112.3 | 5.1 | -. 4 | . 9 | . 2 | -. 6 |
| Intermediate materials less foods and feeds | ${ }^{7} 94.769$ | 111.4 | 112.6 | 112.5 | 4.4 | -. 1 | . 3 | -. 2 | -. 3 |
| Intermediate foods and feeds. | ${ }^{7} 5.231$ | 115.2 | 112.7 | 114.3 | -2.0 | 1.4 | -1.4 | -1.6 | 1.6 |
| Crude materials less agricultural products ${ }^{\text {8 }}$............................... | ${ }^{9} 54.423$ | 91.7 | 94.0 | 94.8 | 12.1 | . 9 | 1.3 | -1.6 | . 9 |
| Finished energy goods | ${ }^{6} 8.805$ | 62.3 | 70.1 | 68.4 | 11.6 | -2.4 | 3.3 | -3.1 | -3.0 |
| Finished goods less energy ...................................................... | ${ }^{6} 91.195$ | 120.1 | 121.1 | 121.2 | 4.3 | . 1 | . 6 | . 3 | -. 2 |
| Finished consumer goods less energy ........................................ | ${ }^{6} 65.419$ | 121.1 | 121.9 | 122.1 | 4.4 | . 2 | . 7 | . 1 | -. 2 |
| Finished goods less foods and energy | ${ }^{6} 65.364$ | 120.7 | 122.0 | 121.9 | 4.1 | -. 1 | . 5 | . 7 | -. 2 |
| Finished consumer goods less foods and energy ....................... | ${ }^{6} 39.588$ | 122.6 | 124.0 | 123.9 | 4.3 | -. 1 | . 5 | . 7 | -. 3 |
| Consumer nondurable goods less foods and energy ................... | ${ }^{6} 23.986$ | 127.1 | 129.0 | 129.2 | 5.3 | . 2 | . 5 | 1.0 | -. 5 |
| Intermediate energy goods ........................................................ | ${ }^{7} 11.310$ | 72.9 | 78.9 | 78.3 | 6.8 | -. 8 | . 8 | -. 1 | -1.3 |
| Intermediate materials less energy ........................................... | ${ }^{7} 88.690$ | 119.6 | 119.7 | 119.7 | 3.6 | 0 | 0 | -. 2 | -. 1 |
| Intermediate materials less foods and energy ............................. | ${ }^{7} 83.459$ | 120.3 | 120.5 | 120.3 | 4.0 | -. 2 | . 2 | -. 2 | -. 2 |
| Crude energy materials ${ }^{3} 4$......................................................... | ${ }^{9} 36.811$ | 73.5 | 77.3 | 78.9 | 17.2 | 2.1 | 2.2 | -1.8 | 2.1 |
| Crude materials less energy ........... | ${ }^{9} 63.189$ | 120.4 | 117.8 | 115.8 | . 3 | -1.7 | . 2 | -2.2 | -1.2 |
| Crude nonfood materials less energy ${ }^{5}$........................................ | ${ }^{9} 19.491$ | 141.3 | 137.7 | 134.9 | 1.5 | -2.0 | -. 4 | -1.3 | -1.5 |

[^1]${ }^{5}$ Excludes crude petroleum.
${ }^{6}$ Percent of total finished goods.
(Percent of total intermediate materials.
${ }^{8}$ Formerly titled "Crude materials for further processing, excluding crude foodstuffs and feedstuffs, plant and animal fibers, oilseeds, and leaf tobacco."
${ }^{9}$ Percent of total crude materials.

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing ( $1982=100$ unless otherwise indicated)

| Grouping | Commodity code | Unadjusted index |  |  | Unadjusted percent change to July 1989 from: |  | Seasonally adjusted percent change from: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Mar. } \\ 1989 \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{1} \end{array}$ | $\begin{gathered} \text { July } \\ 19899^{1} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1988 \end{gathered}$ | $\begin{aligned} & \text { June } \\ & 1989 \end{aligned}$ | Apr. to May | May to June | June to July |
| Finished goods |  | 112.1 | 114.1 | 114.0 | 5.0 | -0.1 | 0.9 | -0.1 | -0.4 |
| Finished consumer goods .. |  | 110.6 | 113.0 | 112.8 | 5.4 | -. 2 | $t .1$ | -. 4 | -. 6 |
| Finished consumer toods ...................................................................................... |  | 118.3 | 118.4 | 119.0 | 4.8 | . 5 | . 8 | -. 8 | . 1 |
| Fresh fruits | 01-11 | 113.5 | 112.2 | 114.1 | -3.1 | 1.7 | . 5 | 1.4 | 1.3 |
| Fresh and dried vegetables | 01-13 | 123.8 | 128.9 | 124.6 | 19.0 | -3.3 | 26.4 | -8.0 | -9.0 |
| Eggs ......................................................................................................... | 01-7 | 135.8 | 104.8 | 111.0 | 16.0 | 5.9 | 5.9 | 1.2 | -4.7 |
| Bakery products ... | 02-11 | 133.1 | 134.9 | 135.3 | 7.4 | . 3 | . 5 | .1 | . 4 |
| Milled rice ...... | 02-13 | 102.3 | 105.3 | 107.6 | -11.3 | 2.2 | 7.1 | . 2 | 4.2 |
| Pasta products (June 1985=100) ${ }^{2}$ | 02-14-02 | 113.0 | 111.6 | 116.5 | 3.8 | 4.4 | 8.3 | -9.0 | 4.4 |
| Beef and veal ................................. | 02-21-01 | 111.3 | 106.6 | 108.1 | 6.6 | 1.4 | -1.8 | -3.8 | 2.5 |
| Pork | 02-21-04 | 92.4 | 96.9 | 101.9 | . 2 | 5.2 | -5.4 | 5.5 | -2.2 |
| Processed young chickens | 02-22-03 | 124.5 | 132.7 | 128.2 | -2.5 | -3.4 | 5.6 | -5.2 | -8.1 |
| Processed turkeys ${ }^{2}$............. | 02-22-06 | 112.9 | 120.9 | 111.4 | 1.3 | -7.9 | -. 6 | 3.5 | -7.9 |
| Fish ................ | 02-23 | 153.2 | 139.1 | 137.3 | -3.7 | -1.3 | -. 8 | -7.3 | 2.0 |
| Dairy products | 02-3 | 106.0 | 106.4 | 107.8 | 6.5 | 1.3 | . 4 | . 6 | 1.1 |
| Processed fruits and vegetables ${ }^{2}$ | 02-4 | 119.2 | 120.7 | 120.8 | 6.5 | . 1 | . 7 | 7 | . 1 |
| Confectionery end products ......... | 02-55 | 136.4 | 138.1 | 138.6 | 2.2 | . 4 | -. 8 | 1.0 | 1 |
| Soft drinks ${ }^{2}$........ | 02-62 | 117.3 | 117.4 | 117.5 | 3.8 | . 1 | -. 3 | -. 5 | 1 |
| Roasted coffee | 02-63-01 | 119.5 | 119.7 | 119.3 | 4.6 | -. 3 | 3 | . 8 | 1.3 |
| Shortening and cooking oils ............................... | 02-76 | 117.9 | 116.7 | 117.1 | -7.6 | . 3 | -. 2 | -1.9 | 2 |
| Finished consumer goods excluding foods .................................................... |  | 106.8 | 110.3 | 109.7 | 5.7 | -. 5 | 1.1 | -. 1 | -. 9 |
| Alcoholic beverages ${ }^{2}$ | 02.61 | 115.1 | 116.8 | 116.9 | 4.8 | . 1 | . 9 | . 3 | . 1 |
| Women's apparel | 03-81-01 | 112.5 | 113.2 | 113.2 | 1.0 | 0 | 2 | -. 5 | -. 1 |
| Men's and boys' apparel | 03-81-02 | 115.7 | 116.3 | 116.8 | 3.0 | 4 | . 2 | . 3 | . 3 |
| Girls', children's, and infants' apparel | 03-81-03 | 110.5 | 109.8 | 108.6 | 1.7 | -1.1 | 1.2 | . 2 | -1.4 |
| Textile housefurnishings ${ }^{2}$............................................................................. | 03-82 | 105.7 | 106.2 | 106.7 | 1.8 | . 5 | . 1 | . 3 | . 5 |
| Footwear ................................................................................................................... | 04-3 | 119.8 | 120.1 | 120.6 | 4.4 | 4 | . 6 | . 3 | . 3 |
| Natural gas ${ }^{2}$ | 05-31 | 80.5 | 82.7 | 83.9 | 9.5 | 1.5 | 3.4 | -2.0 | 1.5 |
| Gasoline .................................................................................................. | 05-71 | 59.1 | 74.8 | 70.8 | 16.3 | -5.3 | 5.2 | -4.0 | -7.2 |
| Fuel oil No. 2 ........................... | 05-73-02-01 | 57.3 | 52.3 | 52.5 | 12.2 | 4 | -7.7 | -8.0 | . 8 |
| Pharmaceutical preps, ethical (Prescription) | 06-35 | 180.3 | 182.8 | 184.7 | 9.4 | 1.0 | -. 1 | 1.3 | 1.0 |
| Pharmaceutical preps, proprietary (Over-counter).. | 06-36 | 150.8 | 152.2 | 152.9 | 5.1 | . 5 | . 1 | . 7 | . 2 |
| Soaps and synthetic detergents ${ }^{2}$. | 06-71 | 119.7 | 121.1 | 120.3 | 4.6 | -. 7 | 0 | . 7 | -. 7 |
| Cosmetics and other toilet preparations | 06-75 | 119.1 | 119.3 | 118.7 | 1.3 | -. 5 | -. 3 | -. 3 | -. 8 |
| Tires, tubes, tread, etc. | 07-12 | 97.1 | 98.0 | 97.2 | 3.1 | -. 8 | 1.1 | . 1 | -. 9 |
| Sanitary papers and health products | 09-15-01 | 122.5 | 125.3 | 125.1 | 8.4 | -. 2 | 2.4 | . 2 | -. 3 |
| Newspaper circulation ................. | 09-31-01 | 135.3 | 136.1 | 136.1 | 1.9 | 0 | . 2 | . 1 | -. 1 |
| Periodical circulation ........... | 09-32-01 | 142.0 | 142.3 | 142.8 | 4.3 | . 4 | 0 | . 3 | . 3 |
| Book publishing ${ }^{2}$........................................................................................... | 09-33 | 142.9 | 143.4 | 145.4 | 6.0 | 1.4 | -. 1 | . 2 | 1.4 |
| Household furniture | 12-1 | 120.7 | 122.0 | 122.1 | 3.7 | . 1 | . 1 | . 7 | . 2 |
| Floor coverings ...... | 12-3 | 117.3 | 116.1 | 115.5 | . 7 | -. 5 | . 5 | -. 3 | -. 8 |
| Household appliances | 12-4 | 107.6 | 108.4 | 109.0 | 3.2 | . 6 | . 2 | 4 | . 5 |
| Home electronic equipment ...... | 12-5 | 88.0 | 88.2 | 88.4 | 2.0 | 2 | -. 1 | . 3 | -. 2 |
| Household glassware. | 12-62 | 131.0 | 130.8 | 140.1 | 9.6 | 7.1 | 1.2 | -. 3 | 7.2 |
| Household flatware ... | 12-64 | 123.3 | 124.0 | 128.7 | 11.1 | 3.8 | -. 4 | -2.1 | 4.1 |
| Lawn and garden equip., ex. tractors ................................................................. | 12-66 | 118.2 | 118.6 | 118.7 | 5.0 | . 1 | . 2 | . 3 | - 1 |
| Passenger cars ........................................................................................... | 14-11-01 | 114.6 | 114.8 | 112.5 | . 2 | -2.0 | 1.8 | . 1 | -1.9 |
| Toys, games, and children's vehicles ....................................................................... | 15-11 | 115.5 | 115.5 | 115.6 | 4.1 | . 1 | . 2 | 0 | . 1 |
| Sporting and athletic goods .......................................................................... | 15-12 | 109.1 | 110.2 | 110.1 | 3.8 | -. 1 | . 4 | . 5 | -. 1 |
| Tobacco products ..................................................................................................... | 15-2 | 187.3 | 196.8 | 196.8 | 12.2 | 0 | . 7 | 5.8 | -3.5 |
| Mobile homes ${ }^{2}$............................................................................................. | 15-5 | 112.1 | 113.9 | 114.3 | 4.1 | . 4 | 1.2 | 0 | . 4 |
| Jewelry, platinum, \& karat gold ${ }^{2}$.................................................................... | 15-94-02 | 116.3 | 116.7 | 117.5 | 0 | . 7 | -. 3 | -. 5 | 7 |
| Costume jewelry and novelties ${ }^{2}$...................................................................... | 15-94.04 | 121.5 | 122.6 | 122.6 | 5.0 | 0 | . 2 | . 2 | 0 |
| Capital equipment ......................................................................................... |  | 117.5 | 118.6 | 118.6 | 3.9 | 0 | . 4 | . 7 | 0 |
| Agricultural machinery and equipment ............................................................. | 11.1 | 116.5 | 116.9 | 117.1 | 4.2 | . 2 | 4 | 2 | . 3 |
| Construction machinery and equipment .................................................................. | 11-2 | 115.8 | 117.4 | 117.9 | 5.4 | 4 | 2 | 1.0 | . 5 |
| Metal cutting machine tools .............................................................................. | 11-37 | 122.3 | 122.6 | 123.3 | 5.6 | 6 | 0 | . 1 | . 6 |
| Metal forming machine tools ......................................................................... | 11-38 | 117.0 | 117.7 | 117.9 | 4.0 | . 2 | 0 | . 1 | 0 |
| Tools, dies, jigs, fixtures, and ind. molds ${ }^{2}$............................................................ | 11.39 | 112.6 | 114.3 | 114.1 | 2.8 | -. 2 | 4 | 8 | -. 2 |
| Pumps, compressors, and equipment ............................................................... | $11-41$ | 113.6 | 115.1 | 115.4 | 5.7 | . 3 | 5 | . 3 | . 3 |
| Industrial material handling equipment ${ }^{2}$.-............................................................ | 11.44 | 110.1 | 111.9 | 112.1 | 4.3 | . 2 | . 7 | . 5 | . 2 |
| Textile machinery ....................................................................................... | 11.62 | 121.9 | 124.1 | 124.3 | 4.5 | . 2 | 1.1 | . 1 | . 3 |
| Paper industries machinery (June $1982=100)^{2}$................................................ | 11.64 | 127.2 | 129.2 | 129.4 | 8.4 | 2 | 1.1 | 4 | . 2 |
| Printing trades machinery ${ }^{2}$............... | 11.65 | 122.4 | 124.1 | 124.0 | 3.0 | -. 1 | -. 2 | 8 | -. 1 |
| Transtormers and power regulators ................................................................. | 11-74 | 116.0 | 117.7 | 118.1 | 8.5 | . 3 | 1.0 | 1.4 | . 4 |
| Communication \& related equip. (Dec. $1985=100)^{2}$........................................... | 11-76 | 103.8 | 104.5 | 105.0 | 2.3 | . 5 | -. 1 | . 3 | . 5 |
| X -ray and electromedical equipment ${ }^{2}$............................................................. | 11-79-05 | 110.8 | 111.4 | 110.8 | . 5 | -. 5 | 0 | -. 1 | -. 5 |

See footnotes at end of table.

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing-Continued (1982 $=100$ unless otherwise indicated)

| Grouping | $\begin{aligned} & \text { Commodity } \\ & \text { code } \end{aligned}$ | Unadjusted index |  |  | Unadjusted percent change to July 1989 from: |  | Seasonally adjusted percent change from: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Mar. } \\ 1989{ }^{1} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{1} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{1} \end{gathered}$ | $\begin{aligned} & \text { July } \\ & 1988 \end{aligned}$ | $\begin{aligned} & \text { June } \\ & 1989 \end{aligned}$ | Apr. to May | $\begin{aligned} & \text { May } \\ & \text { to } \\ & \text { June } \end{aligned}$ | $\begin{aligned} & \text { June } \\ & \text { to } \\ & \text { July } \end{aligned}$ |
| Capital equipment-Continued |  |  |  |  |  |  |  |  |  |
| Oil field and gas field machinery ${ }^{2}$ | 11-91 | 98.1 | 98.7 | 99.0 | 1.6 | 0.3 | 0.2 | 0 | 0.3 |
| Mining machinary and equipment .............................................................................................. | 11.92 | 114.9 | 116.3 | 116.5 | 6.3 | . 2 | . 3 | . 3 | . 2 |
| Office and store machines and equipment ${ }^{2}$.............................................................................................................. | 11-93 | 109.1 | 109.3 | 109.8 | 2.1 | . 5 | . 1 | . 6 | . 5 |
| Commercial furniture ...................................................................................... | 12-2 | 127.4 | 128.7 | 129.1 | 3.3 | . 3 | .7 | . 4 | . 3 |
| Light motor trucks | 14-11-05 | 129.0 | 128.6 | 125.2 | 1.5 | -2.6 | 8 | . 4 | -1.5 |
| Heavy motor trucks ... | 14-11-06 | 116.0 | 117.2 | 116.9 | 5.4 | -. 3 | -. 1 | . 2 | -. 3 |
| Truck trailers ${ }^{2}$.... | 14-14 | 110.1 | 110.9 | 110.5 | 4.0 | -. 4 | 1 | . 5 | -. 4 |
| Civilian aircraft ( $\mathrm{Dec} .1985=100)^{2}$ | 14-21.02 | 107.8 | 108.5 | 108.6 | 3.1 | 1 | 0 | . 4 | . 1 |
| Ships (Dec. $1985=100)^{2}$............... | 14-31 | 102.5 | 107.8 | 108.3 | 7.9 | . 5 | 0 | 8.0 | . 5 |
| Railroad equipment .......... | 14-4 | 112.2 | 114.2 | 114.3 | 5.6 | . 1 | . 1 | . 2 | -. 1 |
| Photographic and photocopy equipment ............. | 15-41 | 93.2 | 93.4 | 93.7 | 2.1 | . 3 | -. 1 | 0 | . 2 |
| Intermediate materials, supplies, and components |  | 111.5 | 112.6 | 112.6 | 4.1 | 0 | . 1 | -. 2 | -. 2 |
| Intermediate foods and feeds |  | 115.2 | 112.7 | 114.3 | -2.0 | 1.4 | -1.4 | -1.6 | 1.6 |
| Flour | 02-12-03 | 116.5 | 116.5 | 115.0 | 3.6 | -1.3 | 1.1 | .7 | 0 |
| Refined sugar ${ }^{2}$ | 02.53 | 116.0 | 116.9 | 118.1 | 9.1 | 1.0 | . 8 | -. 1 | 1.0 |
| Confectionery materials | 02-54 | 97.4 | 101.6 | 103.0 | 11.0 | 1.4 | -3.3 | 1.7 | -1.7 |
| Crude vegetable oils | 02.72 | 109.8 | 103.1 | 100.3 | -32.0 | -2.7 | -1.2 | -9.7 | -. 8 |
| Prepared animal feeds | 02-9 | 122.0 | 115.0 | 117.7 | -7.5 | 2.3 | -2.0 | -2.6 | 2.8 |
| Intermediate materials less foods and foeds ................................................................ |  | 111.4 | 112.6 | 112.5 | 4.4 | -. 1 | . 3 | -. 2 | -. 3 |
| Synthetic fibers ${ }^{2}$ | 03-1 | 101.6 | 106.1 | 107.1 | 9.7 | . 9 | . 7 | 1.3 | . 9 |
| Processed yarns and threads | 03-2 | 109.6 | 110.7 | 111.1 | 2.7 | 4 | -. 3 | . 2 | . 2 |
| Gray fabrics ...................... | 03-3 | 114.0 | 114.5 | 115.5 | . 5 | . 9 | -. 3 | . 4 | . 6 |
| Finished fabrics ............................................................................................... | 03-4 | 112.6 | 113.8 | 114.0 | 4.2 | . 2 | . 5 | . 4 | . 4 |
| Leather | 04-2 | 170.2 | 165.6 | 170.0 | 2.6 | 2.7 | -1.9 | -1.0 | 4.9 |
| Liquetied petroleum gas | 05-32 | 52.6 | 53.5 | 50.4 | -6.1 | -5.8 | 4.1 | -2.9 | -3.3 |
| Electric power. | 05-4 | 110.9 | 119.2 | 120.8 | 3.4 | 1.3 | 0 | 3.3 | . 3 |
| Jet fuels. | 05-72-03 | 55.9 | 56.0 | 55.1 | 6.4 | -1.6 | 1.0 | -5.5 | -1.4 |
| No. 2 Diesel fuel | 05-73-03 | 57.7 | 54.0 | 52.9 | 12.1 | -2.0 | -7.1 | -6.6 | . 5 |
| Residual fuel | 05-74 | 43.5 | 51.2 | 49.4 | 22.3 | -3.5 | 1.8 | 3.6 | -4.7 |
| Industrial chemicals ... | 06-1 | 116.7 | 115.6 | 114.3 | 5.2 | -1.1 | . 3 | -2.2 | -1.5 |
| Prepared paint ${ }^{2}$............ | 06-21 | 117.7 | 119.2 | 120.3 | 6.4 | . 9 | . 4 | . 3 | . 9 |
| Paint materials. | 06-22 | 130.0 | 133.9 | 133.0 | 14.6 | -. 7 | 1.7 | . 8 | -1.2 |
| Medicinal and botanical chemicals ${ }^{2}$ | 06-31 | 100.2 | 102.2 | 102.1 | 6.6 | -. 1 | -. 3 | 1.9 | -. 1 |
| Fats and oils, inedible... | 06-4 | 101.8 | 100.0 | 94.2 | -23.4 | -5.8 | -1.6 | 6.4 | -2.7 |
| Mixed fertilizers. | 06-51 | 109.2 | 106.4 | 104.7 | 2 | -1.6 | -. 5 | -1.1 | -1.7 |
| Nitrogenates ............ | 06-52-01 | 110.9 | 98.4 | 88.0 | -2.9 | -10.6 | -5.0 | -3.6 | -10.3 |
| Phosphates ........ | 06-52-02 | 113.3 | 108.0 | 105.4 | 4.0 | -2.4 | 2.2 | -1.3 | -2.1 |
| Other agricultural chemicals. | 06-53 | 114.1 | 115.0 | 115.7 | 7.5 | 6 | . 5 | 3 | . 5 |
| Plastic resins and materials ........................................... | 06-6 | 140.6 | 138.8 | 137.2 | 1.8 | -1.2 | -1.0 | -1.4 | -2.0 |
| Synthetic rubber ........................................................................................ | 07-11-02 | 109.3 | 108.3 | 107.6 | -1.7 | -. 6 | 4 | -1.9 | -. 5 |
| Plastic construction products ...... | 07-21 | 120.6 | 120.3 | 120.2 | -1.2 | -. 1 | . 2 | -1.0 | . 4 |
| Unsupported plastic film, sheet, \& other shapes 2 ............................................... | 07-22 | 119.8 | 121.7 | 120.9 | 6.5 | -. 7 | .1 | 1.6 | -. 7 |
| Plastic parts and components for manufacturing ${ }^{2}$................................................. | 07-26 | 110.8 | 110.3 | 110.8 | 1.2 | . 5 | . 3 | -. 5 | . 5 |
| Sotwood lumber ....................................................................................... | 08-11 | 123.9 | 131.9 | 134.2 | 8.0 | 1.7 | 2.0 | . 9 | . 8 |
| Hardwood lumber ....................................................................................... | 08-12 | 127.5 | 127.7 | 127.4 | -3.2 | -. 2 | -. 9 | . 5 | 0 |
| Millwork .... | 08-2 | 126.3 | 128.1 | 127.9 | 4.5 | -. 2 | . 3 | -. 2 | -. 3 |
| Plywood ........................................................................................................ | 08-3 | 111.1 | 112.8 | 118.0 | 12.1 | 4.6 | 1.9 | -. 3 | 3.4 |
| Woodpulp ${ }^{2}$............................................................................................... | 09-11 | 153.7 | 158.3 | 159.4 | 14.5 | . 7 | 1.7 | -. 1 | . 7 |
| Paper .-................................................................................................... | 09-13 | 130.7 | 131.0 | 130.3 | 5.1 | -. 5 | -. 2 | . 3 | -. 8 |
| Paperboard .................................................................................................. | 09-14 | 140.4 | 141.3 | 140.2 | 4.4 | -. 8 | . 4 | -. 7 | -. 6 |
| Paper boxes and containers ............................................................................ | 09-15-03 | 128.5 | 130.3 | 130.3 | 4.7 | 0 | 9 | . 4 | . 3 |
| Building paper and board ............................................................................................. | 09-2 | 114.2 | 115.8 | 116.4 | 2.2 | . 5 | 0 | -. 2 | . 6 |
|  | 09-37 | 123.6 | 125.0 | 125.3 | 4.7 | . 2 | . 2 | . 6 | . 2 |
| Foundry and forge shop products ................................................................... | 10-15 | 114.1 | 114.6 | 114.9 | 4.5 | . 3 | . 4 | . 3 | . 3 |
| Steel mill products ....................................................................................... | 10-17 | 114.9 | 114.9 | 114.8 | 3.1 | -. 1 | -. 4 | . 3 | -. 2 |
| Primary nonterrous metals ........................................................................... | 10-22 | 162.9 | 146.9 | 142.0 | -1.9 | -3.3 | -7.1 | -2.8 | -3.3 |
| Aluminum mill shapes ${ }^{2}$................................................................................. | 10-25-01 | 138.6 | 135.5 | 136.7 | 2.1 | . 9 | -. 6 | -. 6 | . 9 |
| Copper and brass mill shapes ............................................................................ | 10-25-02 | 190.2 | 173.1 | 168.9 | 11.0 | -2.4. | -2.6 | -5.5 | -1.7 |
| Nonferrous wire and cable ............................................................................ | 10-26 | 148.0 | 143.4 | 140.5 | 11.2 | -2.0 | . 7 | -2.3 | -2.5 |
|  | 10-3 | 109.7 | 110.7 | 111.0 | . 8 | . 3 | . 4 | . 2 | . 5 |
| Hardware .................................................................................................. | 10-4 | 119.1 | 119.9 | 120.4 | 6.0 | . 4 | . 3 | . 2 | . 4 |
| Plumbing fixtures and brass fitings ................................................................ | 10-5 | 135.8 | 137.4 | 138.0 | 7.0 | . 4 | . 7 | -. 1 | . 7 |
| Heating equipment ........................................................................................... | 10-6 | 123.7 | 124.2 | 125.6 | 4.8 | 1.1 | . 2 | -. 3 | 1.0 |
| Fabricated structural metal products ${ }^{2}$................................................................ | 10-7 | 119.4 | 120.4 | 120.4 | 4.3 | 0 | . 5 | 0 | 0 |
| Mechanical power transmission equipment ${ }^{2}$................................................... | 11-45 | 120.4 | 120.8 | 121.1 | 4.1 | . 2 | . 2 | . 3 | . 2 |
| Air conditioning and refrigeration equipment ${ }^{2}$................................................... | 11-48 | 117.4 | 119.3 | 119.0 | 5.1 | -. 3 | . 4 | 1.2 | -. 3 |
|  | 11-49-02 | 119.2 | 120.8 | 121.2 | 6.4 | 3 | 1.2 | -. 2 | . 3 |

[^2]Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing-Continued (1982 $=100$ unless otherwise indicated)

| Grouping | Commoditycode | Unadjusted index |  |  | Unadjusted percent change to July 1989 from: |  | Seasonally adjusted percent change from: |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { Mar. } \\ 1989 \end{gathered}$ | $\begin{array}{r} \text { June } \\ \text { 19891 } \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{1} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1988 \end{gathered}$ | $\begin{aligned} & \text { June } \\ & 1989 \end{aligned}$ | $\begin{gathered} \text { Apr. } \\ \text { to } \\ \text { May } \end{gathered}$ | $\begin{aligned} & \text { May } \\ & \text { to } \\ & \text { June } \end{aligned}$ | $\begin{gathered} \text { June } \\ \text { to } \\ \text { July } \end{gathered}$ |
| Intermediate materials less foods and feeds-Continued Ball and roller bearings $\qquad$ |  |  |  |  |  |  |  |  |  |
|  | 11-49-05 | 123.8 | 124.5 | 124.5 | 9.1 | 0 | -0.5 | -0.4 | -0.4 |
| Wiring devices ....... | 11-71 | 128.6 | 130.4 | 129.7 | 5.1 | -. 5 | . 4 | . 5 | -. 4 |
| Motors, generators, motor generator sets | 11.73 | 128.5 | 129.2 | 129.7 | 6.7 | . 4 | . 2 | . 2 | . 3 |
| Switchgear, switchboard, etc., equipment ${ }^{2}$.................................................. | 11-75 | 118.2 | 119.3 | 119.3 | 5.4 | 0 | 5 | .3 | 0 |
| Electronic components and accessories ......................................................... | 11.78 | 119.6 | 119.6 | 119.4 | 1.4 | -. 2 | 2 | 3 | -. 5 |
| Internal combustion engines ...................................................................................... | 11-94 | 112.8 | 113.5 | 114.9 | 3.3 | 1.2 | 2 | 1 | . 9 |
| Machine shop products ${ }^{2}$................................................................................ | 11-95 | 120.1 | 121.8 | 121.7 | 4.2 | -. 1 | . 4 | . 9 | - 1 |
| Flat glass ${ }^{2}$................................................................................................ | 13-11 | 109.8 | 110.3 | 110.3 | 6 | 0 | 9 | -. 6 | 0 |
| Coment ${ }^{2}$... | 13-22 | 101.2 | 102.2 | 102.4 | -. 1 | 2 | . 1 | . 1 | . 2 |
| Concrete products. | 13-3 | 110.7 | 111.2 | 111.2 | 1.0 | 0 | -. 1 | . 5 | 0 |
| Asphalt felts and coatings .... | 13-6 | 94.2 | 95.2 | 96.0 | . 2 | . 8 | -. 4 | . 2 | . 1 |
| Gypsum products ${ }^{2}$................ | 13-7 | 110.1 | 109.1 | 112.5 | 3.6 | 3.1 | 1.7 | -1.4 | 3.1 |
| Glass containers ........................................................................................................ | 13-8 | 113.8 | 116.4 | 116.4 | 3.7 | 0 | -. 3 | -. 1 | . 1 |
| Motor vehicle parts .................................................................................... | 14-12 | 109.2 | 109.2 | 109.2 | 1.8 | 0 | . 2 | 2 | 0 |
| Aircraft engines \& engine parts (Dec. 1985=100) 2 .................................................. | 14-23 | 105.6 | 106.3 | 106.6 | 3.1 | 3 | . 1 | -. 1 | 3 |
| Aircraft parts \& aux.equip.,nec (June 1985=100) 2 ........................................... | 14-25 | 114.1 | 114.5 | 114.7 | 4.3 | 2 | . 2 | . 4 | 2 |
| Photographic supplies ................................................................................... | 15-42 | 121.0 | 124.0 | 124.0 | 9.8 | 0 | . 6 | 1.6 | . 2 |
| Crude materials for further processing ............................................................... |  | 103.2 | 103.9 | 103.7 | 6.6 | -. 2 | . 9 | -2.0 | 2 |
| Crude foodstufis and feedstuffs ................................................................... |  | 113.7 | 111.4 | 109.7 | -. 4 | -1.5 | . 4 | -2.6 | -1.1 |
| Wheat | 01-21 | 115.8 | 107.6 | 106.3 | 8.8 | -1.2 | 6.7 | -3.0 | 1.8 |
| Corn ... | 01-22-02-05 | 111.6 | 103.1 | 102.4 | -11.3 | -. 7 | -4.8 | -4.1 | 4.9 |
| Cattle .. | 01-31 | 116.0 | 113.2 | 110.8 | 6.4 | -2.1 | -2.2 | . 2 | 1.3 |
| Hogs | 01-32 | 76.8 | 79.5 | 81.8 | -3.8 | 2.9 | 1.2 | -1.5 | -2.0 |
| Live chickens:broilers and fryers ... | 01-41-02 | 147.0 | 153.0 | 137.3 | -16.5 | -10.3 | 10.0 | -8.5 | -23.1 |
| Live turkeys ....................... | 01-42 | 109.7 | 133.2 | 129.6 | . 3 | -2.7 | -1.8 | -1.7 | -11.7 |
| Fluid milk .................................................................................................... | 01-6 | 91.3 | 90.3 | 92.1 | 8.5 | 2.0 | . 1 | . 9 | 1.7 |
| Soybeans ................................................................................................... | 01-83-01-31 | 130.7 | 117.8 | 120.1 | -16.3 | 2.0 | 1.3 | -8.5 | 4.7 |
| Cane sugar,raw ........................................................................................... | 02-52-01-01 | 112.3 | 115.4 | 118.5 | 4 | 2.7 | 1.3 | 7 | 2.5 |
| Crude nonfood materials .............................................................................. |  | 92.2 | 94.6 | 95.3 | 12.0 | . 7 | 1.3 | -1.6 | 1.0 |
| Raw cotton ${ }^{2}$ | 01-51-01-01 | 95.3 | 108.4 | 109.7 | 13.9 | 1.2 | 3.2 | 2.4 | 1.2 |
| Leaf tobacco ........................................................................................... | 01-92-01-01 | 93.1 | 93.7 | 93.7 | 14.3 | 0 | . 3 | -. 4 | 1.9 |
| Cattle hides .............................................................................................. | 04-11 | 229.2 | 211.1 | 221.8 | 17.5 | 5.1 | -9.8 | 6.2 | 7.4 |
| Coal ${ }^{2}$......... | 05-1 | 93.6 | 94.8 | 96.4 | . 7 | 1.7 | . 6 | 0 | 1.7 |
| Natural gas ${ }^{2}$..... | 05-31 | 80.5 | 82.7 | 83.9 | 9.5 | 1.5 | 3.4 | -2.0 | 1.5 |
| Crude petroleum ${ }^{2}$.............................................................................. | 05-61 | 53.9 | 58.4 | 59.9 | 31.1 | 2.6 | 2.0 | -2.3 | 2.6 |
| Logs, timber, etc. ${ }^{2}$...................................................................................................... | 08-5 | 123.6 | 130.7 | 133.3 | 13.6 | 2.0 | 2.2 | 1.9 | 2.0 |
| Wastepaper ${ }^{2}$............................................................................................... | 09-12 | 159.0 | 157.7 | 155.3 | -16.4 | -1.5 | -. 6 | -. 3 | -1.5 |
| Iron ore ${ }^{2}$................................................................................................. | 10-11 | 82.8 | 82.8 | 82.8 | 0 | 0 | 0 | 0 | 0 |
| Iron and steel scrap .................................................................................... | 10-12 | 189.5 | 177.6 | 168.5 | -9.1 | -5.1 | 3.3 | -2.7 | -5.3 |
| Nonferrous metal ores (Dec. 1983=100) ${ }^{2}$............................................................... | 10-21 | 116.7 | 102.3 | 96.2 | -8.1 | -6.0 | -4.9 | -4.9 | -6.0 |
|  | 10-23-01 | 188.8 | 170.5 | 160.1 | 7.6 | -6.1 | -. 6 | -8.2 | -3.7 |
| Aluminum base scrap ....................................................................................... | 10-23-02 | 229.1 | 211.8 | 198.1 | -13.6 | -6.5 | -. 1 | -2.6 | -3.1 |
| Construction sand, gravel, and crushed stone .................................................. | 13-21 | 122.0 | 123.1 | 123.2 | 2.1 | . 1 | . 7 | -. 1 | . 2 |

[^3]Table 3. Producer price indexes for selected stage-of-processing groupings, seasonally adjusted

| Year and month | index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Finished goods | Finished consumer foods | Finished consumer goods excluding foods | Capital equipment | Intermediate materials | Intermediate foods and feeds | Intermediate materials excluding foods | Crude materials | Crude foodstuffs and feedstuffs | Crude nonfood materials |
| 1985: |  |  |  |  |  |  |  |  |  |  |
| January ............................ | 104.0 | 105.4 | 102.2 | 106.2 | 103.1 | 100.5 | 103.2 | 100.0 | 101.3 | 98.5 |
| February ........................... | 104.2 | 106.1 | 102.0 | 106.9 | 102.8 | 100.3 | 102.9 | 99.4 | 100.6 | 98.1 |
| March ............................... | 104.2 | 105.5 | 102.2 | 107.1 | 102.7 | 99.7 | 102.8 | 97.7 | 98.0 | 97.4 |
| April ................................ | 104.6 | 104.8 | 103.3 | 107.1 | 102.9 | 98.6 | 103.2 | 96.7 | 95.8 | 97.8 |
| May ................................. | 104.9 | 103.8 | 104.1 | 107.4 | 103.1 | 96.6 | 103.5 | 95.7 | 93.5 | 98.1 |
| June ................................ | 104.6 | 103.6 | 103.7 | 107.6 | 102.7 | 96.3 | 103.0 | 94.9 | 93.0 | 97.1 |
| July ................................. | 104.7 | 104.3 | 103.4 | 107.7 | 102.3 | 96.1 | 102.7 | 94.8 | 92.7 | 97.1 |
| August ............................. | 104.5 | 103.8 | 103.2 | 107.9 | 102.3 | 95.0 | 102.6 | 92.8 | 89.8 | 96.0 |
| September ....................... | 103.8 | 102.5 | 102.8 | 107.3 | 102.2 | 94.1 | 102.6 | 91.8 | 88.0 | 96.0 |
| October ........................... | 104.8 | 103.9 | 103.6 | 108.3 | 102.3 | 95.8 | 102.6 | 94.2 | 92.4 | 96.1 |
| November | 105.4 | 105.3 | 103.9 | 108.5 | 102.5 | 96.9 | 102.8 | 95.7 | 96.1 | 95.4 |
| December ........................ | 105.9 | 106.1 | 104.4 | 108.6 | 102.8 | 97.2 | 103.1 | 95.5 | 96.0 | 95.1 |
| 1986: |  |  |  |  |  |  |  |  |  |  |
| January ............................ | 105.6 | 105.9 | 104.0 | 108.5 | 102.4 | 96.9 | 102.7 | 94.4 | 93.7 | 95.2 |
| February .......................... | 104.3 | 104.9 | 101.9 | 108.7 | 101.3 | 96.0 | 101.5 | 90.5 | 91.7 | 89.2 |
| March .............................. | 103.0 | 104.9 | 99.5 | 108.8 | 100.0 | 95.9 | 100.2 | 88.3 | 91.2 | 85.2 |
| April ................................ | 102.3 | 105.0 | 98.1 | 109.2 | 99.0 | 95.4 | 99.2 | 85.5 | 88.8 | 82.0 |
| May ................................. | 102.8 | 106.1 | 98.5 | 109.3 | 98.7 | 95.5 | 98.9 | 86.5 | 91.1 | 81.5 |
| June .................... | 103.0 | 106.0 | 98.7 | 109.6 | 98.6 | 95.1 | 98.8 | 85.9 | 90.2 | 81.1 |
| July ................................. | 102.2 | 107.5 | 96.3 | 109.7 | 97.9 | 95.6 | 98.1 | 86.3 | 93.3 | 78.4 |
| August ............................. | 102.6 | 109.4 | 96.3 | 109.8 | 98.0 | 97.1 | 98.0 | 86.4 | 95.8 | 75.7 |
| September ....................... | 102.8 | 108.7 | 96.9 | 110.0 | 98.4 | 97.1 | 98.5 | 86.4 | 94.7 | 77.1 |
| October ............................ | 103.3 | 109.7 | 97.2 | 110.5 | 98.2 | 96.4 | 98.3 | 87.3 | 95.8 | 77.7 |
| November ........................ | 103.4 | 109.6 | 97.2 | 110.8 | 98.2 | 96.5 | 98.3 | 87.6 | 96.0 | 78.2 |
| December ........................ | 103.4 | 109.1 | 97.5 | 110.8 | 98.3 | 96.4 | 98.4 | 86.9 | 94.5 | 78.3 |
| 1987: |  |  |  |  |  |  |  |  |  |  |
| January ........................... | 104.0 | 108.0 | 99.1 | 111.2 | 99.1 | 95.6 | 99.3 | 89.3 | 92.5 | 83.3 |
| February | 104.5 | 108.7 | 99.6 | 111.0 | 99.8 | 96.7 | 100.0 | 90.1 | 93.3 | 84.1 |
| March .............................. | 104.7 | 108.5 | 100.1 | 111.1 | 100.0 | 96.2 | 100.2 | 90.8 | 93.8 | 84.8 |
| April ................................. | 105.2 | 109.6 | 100.3 | 111.4 | 100.3 | 97.8 | 100.5 | 92.6 | 97.4 | 85.4 |
| May | 105.3 | 110.6 | 100.1 | 111.5 | 100.8 | 100.0 | 100.9 | 93.9 | 99.4 | 86.3 |
| June | 105.4 | 110.4 | 100.5 | 111.5 | 101.3 | 99.9 | 101.4 | 94.3 | 97.7 | 87.9 |
| July ................................. | 105.6 | 110.1 | 100.8 | 111.6 | 101.8 | 100.0 | 101.9 | 95.5 | 96.9 | 90.3 |
| August ............................. | 105.7 | 109.3 | 101.3 | 111.9 | 102.3 | 99.7 | 102.4 | 96.5 | 96.9 | 91.8 |
| September ....................... | 106.2 | 109.9 | 101.8 | 112.4 | 102.6 | 100.6 | 102.7 | 95.9 | 97.2 | 90.8 |
| October ........................... | 106.0 | 109.8 | 101.6 | 112.0 | 103.1 | 100.9 | 103.2 | 95.8 | 97.2 | 90.6 |
| November | 106.0 | 110.0 | 101.4 | 112.1 | 103.4 | 101.3 | 103.6 | 95.0 | 96.0 | 90.1 |
| December ........................ | 105.7 | 108.8 | 101.5 | 112.2 | 103.6 | 101.4 | 103.8 | 94.8 | 96.9 | 89.3 |
| 1988: |  |  |  |  |  |  |  |  |  |  |
| January ............................ | 106.4 | 110.4 | 101.7 | 112.8 | 104.3 | 102.6 | 104.4 | 94.1 | 98.0 | 87.4 |
| February ........................... | 106.4 | 110.0 | 101.9 | 113.1 | 104.6 | 102.6 | 104.7 | 95.0 | 100.2 | 87.4 |
| March .............................. | 106.8 | 110.6 | 102.2 | 113.2 | 105.0 | 103.3 | 105.1 | 94.6 | 101.1 | 86.3 |
| April ................................. | 107.1 | 110.6 | 102.7 | 113.4 | 105.7 | 104.5 | 105.8 | 95.6 | 101.4 | 87.8 |
| May ................................. | 107.4 | 111.2 | 102.9 | 113.7 | 106.3 | 104.2 | 106.4 | 96.0 | 102.0 | 88.0 |
| June ............................... | 107.6 | 112.1 | 102.7 | 114.0 | 107.1 | 110.7 | 107.0 | 96.9 | 106.1 | 86.9 |
| July ................................. | 108.2 | 112.9 | 103.3 | 114.3 | 107.9 | 115.9 | 107.4 | 96.6 | 108.3 | 85.2 |
| August ............................. | 108.5 | 113.6 | 103.5 | 114.7 | 108.2 | 114.9 | 107.8 | 97.2 | 110.9 | 84.4 |
| September ....................... | 109.1 | 114.6 | 103.7 | 115.7 | 108.6 | 115.3 | 108.2 | 97.1 | 113.1 | 83.1 |
| October ........................... | 109.2 | 114.7 | 103.8 | 115.6 | 108.6 | 115.1 | 108.3 | 96.6 | 113.4 | 82.0 |
| November .................... | 109.5 | 115.1 | 104.1 | 115.8 | 109.0 | 113.2 | 108.8 | 94.8 | 108.8 | 82.1 |
| December ........................ | 109.9 | 115.2 | 104.7 | 116.2 | 109.5 | 112.3 | 109.4 | 97.8 | 110.8 | 85.6 |
| 1989: |  |  |  |  |  |  |  |  |  |  |
| January ........................... | 111.1 | 116.7 | 106.0 | 116.9 | 110.8 | 115.2 | 110.5 | 101.8 | 113.3 | 90.2 |
| February ........................... | 112.1 | 117.8 | 107.1 | 117.4 | 111.3 | 114.8 | 111.1 | 101.5 | 111.7 | 90.7 |
| March ............................. | 112.6 | 118.8 | 107.5 | 117.5 | 111.9 | 116.7 | 111.7 | 103.7 | 115.2 | 92.1 |
| April ................................ | 113.1 | 118.2 | 109.0 | 117.4 | 112.5 | 115.2 | 112.3 | 104.2 | 111.9 | 94.8 |
| May .................................. | 114.1 | 119.2 | 110.2 | 117.9 | 112.6 | 113.6 | 112.6 | 105.1 | 112.3 | 96.0 |
| June ................................. | 114.0 | 118.2 | 110.1 | 118.7 | 112.4 | 111.8 | 112.4 | 103.0 | 109.4 | 94.5 |
| July .................................. | 113.5 | 118.3 | 109.1 | 118.7 | 112.2 | 113.6 | 112.1 | 103.2 | 108.2 | 95.4 |

NOTE: Data for March 1989 have been revised to reflect the availability of late after original publication.
reports and corrections by respondents. All data are subject to revision 4 months

Table 4. Producer price indexes for the net output of major industry groups

| Industry ${ }^{\prime}$ | Industry code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Total mining industries ......................................................................................................... |  | 12/84 | 74.9 | 77.2 | 78.1 | 11.4 | 1.2 |
| Metal mining ........................................................................................................................ | 10 | 12/84 | 104.8 | 96.1 | 92.1 | -6.9 | -4.2 |
| Anthracite mining .................................................................................................................... | 11 | 12/85 | 103.0 | 102.4 | 102.4 | 3.2 | 0 |
| Bituminous coal and lignite mining .......................................................................................... | 12 | 12/85 | 92.9 | 94.0 | 94.9 | 0 | 1.0 |
| Oil and gas extraction ............................................................................................................. | 13 | 12/85 | 73.8 | 77.0 | 78.2 | 15.2 | 1.6 |
| Mining and quarrying of non-metallic minerals, except fuels .................................................... | 14 | 12/84 | 110.9 | 111.9 | 111.6 | 3.0 | -. 3 |
| Totai manufacturing industries ............................................................................................ |  | 12/84 | 108.5 | 110.0 | 109.9 | 4.8 | -. 1 |
| Food and kindred products .................................................................................................... | 20 | 12/84 | 111.9 | 111.9 | 112.5 | 3.7 | . 5 |
| Tobacco manufactures .......................................................................................................... | 21 | 12/84 | 155.0 | 163.5 | 163.6 | 12.8 | . 1 |
| Textile mill products ................................................................................................................. | 22 | 12/84 | 108.6 | 108.9 | 109.1 | 2.0 | 2 |
| Apparel and other finished products made from fabrics and similar materials ........................... | 23 | 12/84 | 109.3 | 109.6 | 110.1 | 2.5 | . 5 |
| Lumber and wood products, except furniture ........................................................................... | 24 | 12/84 | 113.1 | 115.9 | 117.1 | 6.1 | 1.0 |
| Furniture and fixtures .............................................................................................................. | 25 | 12/84 | 114.4 | 115.7 | 115.8 | 3.5 | . 1 |
| Paper and allied products ....................................................................................................... | 26 | 12/84 | 120.4 | 121.5 | 121.2 | 5.9 | -. 2 |
| Printing, publishing, and allied industries. ................................................................................. | 27 | 12/84 | 123.6 | 124.4 | 124.8 | 5.3 | . 3 |
| Chemicals and allied products .................................................................................................. | 28 | 12/84 | 120.6 | 120.6 | 120.4 | 5.6 | -. 2 |
| Petroleum refining and related products .................................................................................. | 29 | 12/84 | 71.5 | 80.4 | 77.6 | 12.1 | -3.5 |
| Rubber and miscellaneous plastic products ............................................................................. | 30 | 12/84 | 110.2 | 110.4 | 110.2 | 2.9 | -. 2 |
| Leather and leather products ................................................................................................. | 31 | 12/84 | 117.0 | 117.2 | 117.8 | 3.4 | . 5 |
| Stone, clay, glass, and concrete products ............................................................................... | 32 | 12/84 | 107.2 | 108.2 | 108.4 | 2.7 | . 2 |
| Primary metal industries .......................................................................................................... | 33 | 12/84 | 120.1 | 118.4 | 118.4 | 4.7 | 0 |
| Fabricated metal products, except machinery and transportation equipment ............................. | 34 | 12/84 | 111.5 | 112.5 | 112.6 | 4.4 | . 1 |
| Machinery, except electrical .................................................................................................... | 35 | 12/84 | 109.7 | 110.6 | 111.0 | 4.4 | . 4 |
| Electrical and electronic machinery, equipment, and supplies ................................................. | 36 | 12/84 | 106.4 | 107.1 | 107.5 | 2.9 | . 4 |
| Transportation equipment ........................................................................................................ | 37 | 12/84 | 111.2 | 111.8 | 111.0 | 3.4 | -. 7 |
| Measuring and controlling instruments; photographic, medical, optical goods; watches, clocks .. | 38 | 12/84 | 109.7 | 110.7 | 110.9 | 3.5 | . 2 |
| Miscellaneous manufacturing industries ................................................................................... | 39 | 12/85 | 110.9 | 111.8 | 112.1 | 3.9 | . 3 |
| Services industries .............................................................................................................. |  |  |  |  |  |  |  |
| United States Postal Service .................................................................................................. | 43 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Pipe lines, except natural gas .................................................................................................. | 46 | 12/86 | 94.5 | 94.4 | 94.4 | -. 4 | 0 |
| 1 Indexes in this table are derived from the net-output-weighted industry price indexes shown in table 5. Because of differences in coverage and aggregation methodology, they will generally not match the movements of similarty-fited indexes which are derived from traditional commodity groupings shown in table 6. <br> ${ }^{2}$ Data for March 1989 have been revised to reflect the availability of late reports | d conectio ginal publi Not ava Note: Some stry group | s by re tion. Da ble. of the pre have bee | ondents. are not <br> ously pub corrected | All data asonally <br> hed net See page | e subject justed. <br> put price | revision <br> dexes for in | months afte <br> tries and in- |

Table 5. Producer price indexes for the net output of selected Industries and their products


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{\text {² }}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Bituminous coal and lignite-Continued |  |  |  |  |  |  |  |  |
| North Appalachia ....................................................................... |  | 1211-411 | 12/81 | 85.0 | 85.0 | 85.0 | 0.5 | 0 |
| Spot ..................................................................................... |  | 1211-4118 | 06/85 | 73.7 | 73.7 | 73.7 | . 1 | 0 |
| Contract ................................................................................ |  | $1211-4119$ | 12/81 | 86.9 | 86.9 | 86.9 | . 5 | 0 |
| South Appalachia ....................................................................... |  | 1211-412 | 12/81 | 85.5 | 86.8 | 87.7 | -1.8 | 1.0 |
| Spot ............................................................................ |  | 1211-4128 | 12/84 | 78.9 | 80.4 | 83.6 | . 5 | 4.0 |
| Contract ............................................................................... |  | 1211-4129 | 12/81 | 88.0 | 89.4 | 89.8 | -2.2 | . 4 |
| Midwest ................................................................................. |  | 1211-413 | 12/81. | 105.2 | 105.2 | 105.3 | -3.5 | . 1 |
| Spot ...................................................................................... |  | 1211-4138 | 06/85 | 102.9 | 102.9 | 102.9 | -1.7 | 0 |
| Contract ................................................................................ |  | 1211-4139 | 12/81 | 103.3 | 103.4 | 103.4 | -3.7 | 0 |
| West ............................................................................................... |  | 1211-414 | 05/84 | 87.6 | 86.9 | 87.1 | 1.2 | . 2 |
| Spot ....................................................................................... |  | 1211-4148 | 12/86 | 94.7 | 95.5 | 95.7 | 1.6 | . 2 |
| Export .......................................................................................... |  | 1211-6 | 04/82 | 66.0 | 66.5 | 68.1 | 2.6 | 2.4 |
| Unprepared .................................................................................. |  | 1211-1 | 12/81 | 100.7 | 101.5 | 105.0 | 1.9 | 3.4 |
| For preparation at other establishments ................................................. |  | 1211-101 | 12/81 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | $(3)_{4}$ |
| For use without preparation ......................................................................... |  | $1211-102$ $1211-8$ | $12 / 81$ $12 / 86$ | 106.1 92.5 | 107.5 95.3 | 107.9 99.3 | .5 4.7 | .4 4.2 |
| Intracompany shipments ...................................................................... |  | 1211-8 | 12/86 | 92.5 | 95.3 | 99.3 | 4.7 | 4.2 |
| Bituminous coal and lignite mining services .................................................. | 1213 |  | 06/85 | 102.0 | 102.0 | 102.0 | -. 7 | 0 |
| Primary services ................................................................................. |  | 1213-P | 06/85 | 102.0 | 102.0 | 102.0 | -. 7 | 0 |
| Exploration and development work .................................................... |  | $1213-1$ | 06/85 | 104.4 | 104.4 | 104.4 | . 1 | 0 |
| Drilling ......................................................................................... |  | 1213-12 | 06/85 | 102.5 | 102.5 | 102.5 | . 1 | 0 |
| Other bituminous coal and lignite mining services .................................... |  | 1213-3 | 06/85 | 89.0 | 89.0 | 89.0 | 0 | 0 |
| Oil and gas extraction ............................................................................... | 13 |  | 12/85 | 73.8 | 77.0 | 78.2 | 15.2 | 1.6 |
| Crude petroleum and natural gas .................................................... | 1311 |  | 06/84 | 67.0 | 70.4 | 71.8 | 18.5 | 2.0 |
| Primary products |  | 1311-P | 06/84 | 67.0 | 70.5 | 71.9 | 18.6 | 2.0 |
| Crude petroleum .......................................................................... |  | 1311-1 | 06/84 | 58.8 | 63.6 | 65.2 | 30.9 | 2.5 |
| Natural gas ................................................................................ |  | 1311-5 | 06/84 | 75.6 | 77.7 | 78.9 | 9.7 | 1.5 |
| Sales to interstate pipelines. |  | 1311-53201 | 06/84 | 72.5 | 74.5 | 74.2 | 6.6 | -. 4 |
| Sales to intrastate pipelines ............................................................ |  | 1311-53202 | 06/84 | 85.1 | 87.4 | 93.1 | 18.0 | 6.5 |
| Natural gas liquids | 1321 |  | 06/84 | 71.3 | 72.6 | 72.8 | 6.4 | . 3 |
| Primary products |  | 1321-P | 06/84 | 71.3 | 72.5 | 72.8 | 6.6 | . 4 |
| Natural gas liquids ............................................ |  | 1321-2 | 06/84 | 54.8 | 52.9 | 49.5 | -8.8 | -6.4 |
| Plant condensate ................................................................ |  | 1321-211 | 06/84 | 51.4 | 59.4 | 58.9 | 14.4 | -. 8 |
| Ethane .... |  | 1321-215 | 06/84 | 80.4 | 56.4 | 48.2 | -11.9 | -14.5 |
| Natural gasoline |  | 1321-222 | 06/84 | 55.8 | 66.9 | 62.5 | 12.4 | -6.6 |
| Propane ...................................................................................................... |  | 1321-231 | 06/84 | 44.3 | 45.1 | 44.2 | -11.2 | -2.0 |
|  |  | 1321-232 | 06/84 | 49.6 | 44.5 | 42.5 | -26.2 | -4.5 |
| Gas mixtures .......................................................................... |  | 1321-234 | 06/84 | 52.4 | 55.5 | 53.1 | 6.2 | -4.3 |
| Other natural gas liquids ......................................................................... |  | 1321-298 | 06/84 | 54.5 | 66.8 | 59.5 | -4.0 | -10.9 |
| Oil and gas field services .................................................................................... | 138 |  | 12/85 | 90.6 | 90.1 | 91.1 | -. 2 | 1.1 |
| Drilling oil and gas wells ........................................................................... | 1381 |  | 12/85 | 87.4 | 86.8 | 87.4 | -2.6 | . 7 |
| Primary products ................................................................................ |  | 1381.P | 12/85 | 87.1 | 86.5 | 87.1 | -2.8 | . 7 |
| Offshore drilling .............................................................................. |  | 1381.7 | 12/85 | 80.8 | $\left({ }^{3}\right)$ | 77.6 | -5.4 | ${ }^{(3)}$ |
| Drilling oil, gas, dry and service wells ................................................. |  | 1381.701 | 12/85 | 80.8 | ${ }^{(3)}$ | 77.6 | -5.4 | $\left.{ }^{3}\right)$ |
| Onshore drilling ............................................................................... |  | 1381.9 | 12/85 | 88.3 | 88.5 | 88.9 | -2.3 | . 5 |
| Drilling oil, gas, dry and service wells ............................................... |  | 1381-901 | 12/85 | 88.2 | 88.4 | 88.8 | -2.3 | . 5 |
| Oil and gas exploration services .............................................................................. | 1382 |  | 12/85 | 72.4 | ${ }^{(3)}$ | 72.4 | -1.2 | ${ }^{(3)}$ |
| Primary products ....................................................... |  | 1382-P | 12/85 | 71.1 | ${ }^{(3)}$ | 71.1 | -1.3 | ${ }^{3}$ ) |
| Geophysical exploration ................................................................................... |  | 1382-801 | 12/85 | 71.1 73.1 | $(3)$ (3) | 71.1 | -1.3 | ${ }^{3}$ |
| Land ........................................................................................................... |  | 1382-80101 | 12/85 | 73.1 | ${ }^{(3)}$ | 73.1 | -1.9 | ${ }^{3}$ |
| Oil and gas field services, n.e.c. ................................................................................ | 1389 |  | 12/85 | 96.8 | 96.2 | 97.7 | 2.0 | 1.6 |
| Primary products ................................................................................. |  | 1389-P | 12/85 | 96.9 | 96.4 | 98.0 | 2.4 | 1.7 |
| Offshore field services, n.e.c. .................................................................. |  | 1389-7 | 12/85 | 92.7 | ${ }^{(3)}$ | 92.7 | . 2 | ${ }^{(3)}$ |
| Other oil and gas field services ...................................................... |  | 1389-736 | 12/85 | 90.9 | $\left.{ }^{3}\right)$ | 90.9 | 0 | $\left.{ }^{3}\right)$ |
| Onshore field services, n.e.c. ............................................................ |  | 1389-9 | 12/85 | 97.6 | 97.0 | 99.0 | 2.8 | 2.1 |
| Cementing wells ................................................................................ |  | 1389-901 | 12/85 | 104.0 | 103.7 | $\left.{ }^{3}\right)$ | (3) | $\left({ }^{(3)}\right.$ |
| Acidizing and other chemical treatment of wells, excluding hydraulic fracturing $\qquad$ |  | 1389-902 | 12/85 | 118.7 | 118.5 | (3) | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Running, cutting, and pulling casing, tubes and rods ......................... |  | 1389-914 | 12/85 | 94.5 | 94.6 | 94.6 | 0 | 0 |
| Installing production equipment, such as wellhead fittings, pumps, and engines |  | 1389-915 | 12/85 | 97.9 | 97.9 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | (3) |
| Cleaning out, bailing out, or swabbing wells ...................................... |  | 1389-925 | 12/85 | 90.7 | 90.0 | 90.0 | . 2 | 0 |
| Other oil and gas field services ...................................................... |  | 1389-936 | 12/85 | 92.7 | 92.7 | 96.3 | 4.0 | 3.9 |
| Secondary products and miscellaneous receipts ............................................. |  | 1389-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 1389-S | 12/85 | 94.3 | $\left.{ }^{3}\right)$ | 92.4 | -2.0 | ${ }^{(3)}$ |
| Drilling oil and gas wells ............................................................................. |  | 1381-S | 12/85 | 94.3 | $\left.{ }^{3}\right)$ | 91.0 | -3.5 | ${ }^{(3)}$ |
| Mining and quarrying of non-metallic minerals, except fuels ............................. | 14 |  | 12/84 | 110.9 | 111.9 | 111.6 | 3.0 | -. 3 |
| Dimension stone ....................................................................................... | 1411 |  | 06/85 | 109.8 | 109.8 | 109.9 | 1.0 | . 1 |
| Primary products ................................................................................. |  | 1411-P | 06/85 | $\left({ }^{3}\right)$ | ${ }^{3}$ ) | 109.8 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Rough dimension limestone ............................................................... |  | 1411-101 | 06/85 | (3) | $\left.{ }^{3}\right)$ | 119.2 | (3) | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Dimension stone-Continued | 142 | $\begin{aligned} & 1411-501 \\ & 1411-901 \\ & 1411-S M \\ & 1411-S \end{aligned}$ | 06/85 | $\begin{aligned} & 105.5 \\ & 109.4 \end{aligned}$ | 105.5 | 105.5 | 0.7 | 00 |
| Rough dimension granite |  |  |  |  |  |  |  |  |
| Other rough dimension stone |  |  | 06/85 |  | 109.4 | 109.4 | 1.2 |  |
|  |  |  |  | $\left.{ }^{3}\right)$ | 100.0 | 101.2 | ${ }^{(3)}$ | 1.2 |
| Secondary products ......................................................................... |  |  | 06/89 |  |  |  |  |  |
| Crushed and broken stone, including riprap |  |  | 12/84 | 112.9 | 114.0 | 114.1 | 2.2 | . 1 |
| Crushed and broken limestone | 1422 |  | 12/83 | 115.3 | 117.1 | 117.1 | 2.8 | . 0 |
| Primary products |  | 1422-P | 12/83 | 116.3 | 118.3 | 118.3 | 3.0 | 0 |
| North Central region ........................................................................ |  | 1422-1 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.3 | ${ }^{(3)}$ | . 3 |
| East North Central division .............................................................. |  | 1422-112 | 12/83 | 114.7 | 116.8 | 117.4 | 2.5 | . 5 |
| West North Central division ........................................................... |  | 1422-113 | 12/83 | 114.7 | 116.9 | 116.9 | 3.1 | 0 |
| Other regions ............................................................................. |  | 1422-2 | 12/83 | 117.9 | 119.7 | 119.7 | 3.5 | 0 |
| South region |  | 1422-21 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | (3) | 0 |
| South Atlantic division |  | 1422-211 | 06/89 | (3) | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| East South Central division ...................................................... |  | 1422-212 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 99.9 | ${ }^{(3)}$ | -. 1 |
| West South Central division ........................................................ |  | 1422-213 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Northeast region .............................................................................. |  | 1422-22 | 06/89 | (3) | 100.0 | 100.0 | (3) | 0 |
| Secondary products and miscellaneous receipts ............................................ |  | 1422-SM | 12/83 | 102.0 | 101.8 | 101.8 | . 2 | 0 |
| Secondary products ..........................................................................- |  | 1422-S |  |  |  |  |  |  |
| Crushed and broken granite, n.e.c. | 1423 |  | 12/83 | 121.0 | 121.3 | 121.3 | 1.2 | 0 |
| Primary products .................... |  | 1423-P | 12/83 | 121.1 | 121.3 | 121.4 | 1.2 | 1 |
| Granite and related rocks ......................................................................... |  | 1423-111 |  |  |  |  |  |  |
| South Atlantic region ......................................................................... |  | 1423-11101 | 12/83 | 123.1 | 123.4 | 123.4 | 1.0 | 0 |
| Other regions ............................................................................... |  | 1423-11102 | 12/83 | 116.0 | 116.0 | 116.0 | 1.4 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 1423-SM | 12/83 | (3) | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Secondary products .......................................................................... |  | 1423-S | 12/83 | 115.4 | 118.9 | (3) | (3) | (3) |
| Crushed and broken stone, n.e.c. .............................................................. | 1429 |  | 12/83 | 123.2 | 122.1 | 122.5 | 7 | . 3 |
| Primary products ........................................................................... |  | 1429-P | 12/83 | 123.6 | 122.4 | 122.9 | 7 | 4 |
| Traprock |  | 1429-11111 | 12/83 | 128.3 | 125.1 | 125.1 | -1.3 | 0 |
| Sandstone |  | 1429-11112 | 12/83 | 103.9 | 103.7 | 103.7 | . 8 | 0 |
| Other, (slate, volcanic rock, etc.) .............................................................. |  | 1429-11114 | 12/83 | 128.6 | 130.8 | 133.2 | 4.3 | 1.8 |
| Secondary products and miscellaneous receipts ........................................... |  | 1429-SM |  |  |  |  | 1.3 | 0 |
| Secondary products .......................................................... |  | 1429-S | 12/83 | 118.1 | 118.0 | 118.0 |  |  |
| Sand and gravel | 144 |  | 12/84 | 114.5 | 115.5 | 115.6 | 1.9 | . 1 |
| Construction sand and gravel | 1442 |  | 06/82 | 122.0 | 122.9 | 123.2 | 1.8 | . 2 |
| Primary products .............. |  | 1442-P | 06/82 | 122.5 | 123.5 | 123.7 | 1.7 | . 2 |
| Construction sand ........................................................................... |  | 1442-3 | 06/82 | 124.5 | 125.1 | 125.1 | 2.1 | 0 |
| Northeastern Region ...................................................................... |  | 1442-3A | 06/82 | 140.8 | 142.1 | 142.1 | 1.1 | 0 |
| New England ............................................................................. |  | 1442-31 | 06/82 | 172.9 | 172.9 | 172.9 | 0 | 0 |
| Mid-Atlantic ......................................................................... |  | 1442-32 | 06/82 | 130.8 | 132.5 | 132.5 | 1.5 | 0 |
| North Central Region ............................................................... |  | 1442-3B | 06/82 | 117.5 | 117.7 | 117.4 | 1.3 | -. 3 |
| East North Central ............................................................... |  | 1442-33 | 06/82 | 119.0 | 119.3 | 118.9 | 1.2 | -3 |
| West North Central ..................................................................... |  | 1442-34 | 06/82 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | 114.1 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Southern Region |  | 1442-3C | 06/82 | 113.8 | 113.8 | 113.8 | . 8 | 0 |
| South Atlantic ............................................................................. |  | 1442-35 | 06/82 | 130.8 | 130.8 | 130.8 | 1.2 | 0 |
| East South Central ...................................................................... |  | 1442-36 | 06/82 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | 102.3 | ${ }^{3}$ ) | (3) |
| West South Central .................................................................... |  | 1442-37 | 06/82 | 95.3 | 95.3 | 95.3 | . 3 | 0 |
| Western Region ........................................................................... |  | 1442-3D | 06/82 | 133.3 | 134.8 | 135.0 | 5.9 | . 1 |
| Mountain .................................................................................. |  | 1442-38 | 06/82 | 89.0 | 89.0 | 90.1 | 1.2 | 1.2 |
| Pacific ..................................................................................... |  | 1442-39 | 06/82 | 144.7 | 146.6 | 146.3 | 6.5 | -. 2 |
| Construction gravel ......................................................................... |  | 1442-5 | 06/82 | 121.0 | 122.3 | 122.6 | 1.4 | 2 |
| Northeastern Region ..................................................................... |  | 1442-5A | 06/82 | 135.0 | 139.5 | 139.5 | 4.0 | 0 |
| New England ............................................................................ |  | 1442-51 | 06/82 | 153.0 | 163.0 | 163.0 | 6.5 | 0 |
| Mid-Atlantic ............................................................................... |  | 1442-52 | 06/82 | 122.7 | 123.4 | 123.4 | 1.8 | 0 |
| North Central Region .................................................................... |  | 1442-5B | 06/82 | 123.9 | 124.9 | 124.2 | 2.2 | -. 6 |
| East North Central .................................................................... |  | 1442-53 | 06/82 | 127.1 | 128.3 | 127.3 | 3.2 | -. 8 |
| West North Central ..................................................................... |  | 1442-54 | 06/82 | 115.5 | 115.6 | 115.6 | -. 9 | 0 |
| Southern Region .......................................................................... |  | 1442-5C | 06/82 | 117.3 | 117.4 | 117.7 | -2.8 | . 3 |
| South Atlantic ........................................................................... |  | 1442-55 | 06/82 | 131.9 | 132.1 | 132.1 | -8.3 | 0 |
| East South Central ..................................................................... |  | 1442-56 | 06/82 | 106.5 | 106.5 | 106.5 | 0 | 0 |
| West South Central ..................................................................... |  | 1442-57 | 06/82 | 111.2 | 111.2 | 111.8 | 1.4 | . 5 |
| Western Region .............................................................................. |  | 1442-5D | 06/82 | 112.2 | 113.6 | 114.8 | 3.4 | 1.1 |
| Mountain ..................................................................................... |  | 1442.58 | 06/82 | 101.9 | 102.7 | 105.3 | 1.8 | 2.5 |
| Pacific ....................................................................................... |  | 1442-59 | 06/82 | 117.1 | 118.8 | 119.3 | 4.1 | 4 |
| Secondary products and miscellaneous receipts ...................................... |  | 1442-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 1442-M | 06/82 | 131.9 | 132.0 | 139.1 | 14.8 | 5.4 |
| Contract work and other miscellaneous receipts ................................ |  | 1442-XY9 | 06/82 | 117.7 | 118.6 | 126.5 | 7.5 | 6.7 |
| Secondary products ......................................................................... |  | 1442-S | 06/82 | 104.7 | 104.7 | 104.8 | . 2 | . 1 |
| Secondary products ......................................................................... |  | 1442-SS | 06/82 | 104.7 | 104.7 | $\left({ }^{3}\right)$ | (3) | (3) |
| Industrial sand ......................................................................................... | 1446 |  | 06/82 | 111.2 | 112.5 | 112.5 | 2.9 | 0 |
| Primary products ................................................................................. |  | 1446-P | 06/82 | 110.6 | 112.0 | 112.0 | 2.9 | 0 |
| Glass sand ..................................................................................... |  | 1446-1. | 06/82 | 110.6 | 110.6 | 110.7 | 1.1 | . 1 |
| Molding sand ........................................................................................ |  | 1446-5 | 06/82 | 120.6 | 124.8 | 124.8 | 6.9 | 0 |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industrles and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Miscellaneous nonmetalic minerals | 1499 | $\begin{aligned} & 1499-P \\ & 1499-201 \\ & 1499-501 \\ & 1499-988 \\ & 1499-S M \\ & 1499-S \end{aligned}$ | 06/85 | 107.4 | 107.7 | 107.6 | 1.1 | -0.1 |
| Primary products ..................... |  |  | 06/85 | 107.3 | 107.5 | 107.5 | 1.1 | 0 |
| Native asphalt \& bitumens |  |  | 06/85 | 96.4 | 92.5 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Peat ................................. |  |  | 06/85 | 108.9 | 108.9 | 108.9 | 3.7 | 0 |
| Other nonmetallic minerals, n.e.c. .................................................. |  |  | 06/85 | 116.2 | 116.0 | 116.2 | 6.0 | . 2 |
| Secondary products and miscellaneous receipts |  |  |  |  |  |  |  |  |
| Secondary products ........................................... |  |  | 06/85 | 109.1 | 109.1 | 109.1 | 2.3 | 0 |
| Total manufacturing industries |  |  | 12/84 | 108.5 | 110.0 | 109.9 | 4.8 | -. 1 |
| Food and kindred products ....................................................................................... | 20 |  | 12/84 | 111.9 | 111.9 | 112.5 | 3.7 | . 5 |
| Meat products .................................................................................... | 201 |  | 12/84 | 110.2 | 110.4 | 111.2 | 5.1 | . 7 |
| Meat packing plants ................................................................................. | 2011 | 2011.P | 12/80 | 108.0 | 107.0 | 109.5 | 7.5 | 2.3 |
| Primary products ................................................................................ |  |  | 12/80 | 109.2 | 108.0 | 110.9 | 8.4 | 2.7 |
| Miscellaneous byproducts of meatpacking plants, except sausage casings |  | 2011-C | 12/80 | 106.9 | 103.2 | 106.8 | -6.0 | 3.5 |
| Edible tallow and stearin ............................................................... |  | 2011-C41 | 12/80 | 88.1 | 84.7 | 83.5 | ${ }^{(3)}$ | -1.4 |
| Beet, not canned or made into sausage ............................................ |  | 2011-1 | 12/80 | 110.0 | 105.3 | 106.8 | 7.2 | 1.4 |
| Whole carcass beef ....................................................................... |  | 2011-112 | 12/80 | 116.5 | 110.6 | 112.9 | 10.1 | 2.1 |
| USDA choice beef carcasses ...................................................... |  | 2011-11202 | 12/80 | 113.3 | 107.5 | 108.6 | 7.5 | 1.0 |
| Other USDA graded and ungraded beef carcasses .......................... |  | 2011-11205 | 12/88 | 110.1 | 104.6 | 108.4 | $\left({ }^{3}\right)$ | 3.6 |
| Primal and fabricated beef cuts ....................................................... |  | 2011-117 | 12/80 | 101.4 | 97.8 | 97.6 | 4.1 | -. 2 |
| Boneless beet, including hamburger ................................................. |  | 2011-131 | 12/80 | 96.0 | 93.9 | 98.6 | 5.1 | 5.0 |
| Variety meats (edible organs) ......................................................... |  | 2011-151 | 12/80 | 57.5 | 55.3 | 54.6 | -31.1 | -1.3 |
| Pork, fresh and frozen ....................................................................... |  | 2011-4 | 12/80 | 98.6 | 106.9 | 114.2 | 13.7 | 6.8 |
| Whole carcass pork ... |  | 2011-412 | 12/88 | 113.5 | 124.5 | 131.5 | ${ }^{(3)}$ | 5.6 |
| Primal and fabricated cuts (incl trimmings) ............................................ |  | 2011-417 | 12/80 | 95.2 | 102.6 | 109.8 | 12.0 | 7.0 |
| Variety meats (fresh edible organs) ................................................. |  | 2011-451 | 12/80 | 78.3 | 98.1 | 101.0 | 62.6 | 3.0 |
| Lard ............................................................................................... |  | 2011-5 | 12/80 | 96.0 | 100.9 | 103.7 | -2.0 | 2.8 |
| Lard, commercial sizes (over 3 lbs .) ................................................. |  | 2011-517 | 12/80 | 94.2 | 99.0 | 101.8 | -3.4 | 2.8 |
| Pork, processed or cured (not canned or made into sausage) ................ |  | $2011-6$ | 12/80 | 92.8 | 92.2 | 93.9 | . 8 | 1.8 |
| Hams and picnics, except canned ................................................... |  | 2011-631 | 12/80 | 93.5 | 92.0 | 92.8 | 2.5 | . 9 |
| Sliced bacon ................................................................................ |  | 2011-641 | 12/80 | 95.0 | 94.8 | 96.6 | -1.8 | 1.9 |
| Sausage and similar products (not canned) ......................................... |  | 2011-7 | 12/80 | 108.0 | 111.4 | 111.6 | 1.1 | . 2 |
| Fresh sausage .............................................................................. |  | 2011-711 | 12/80 | 118.5 | 122.3 | 121.8 | 6.1 | -. 4 |
| Frankfurters or wieners ................................................................... |  | 2011.721 | 12/80 | 108.5 | 112.3 | 114.0 | 3.6 | 1.5 |
| Other sausage, smoked or cooked .................................................. |  | 2011-735 | 12/80 | 103.7 | 108.0 | 107.5 | -2.4 | -. 5 |
| Hides, skins, and pelts ..................................................................... |  | 2011-9 | 12/80 | 198.6 | 183.7 | 193.0 | 17.1 | 5.1 |
| Cattle hides, except kip ................................................................ |  | 2011-912 | 12/80 | 201.2 | 185.3 | 194.7 | 16.8 | 5.1 |
| Other hides, skins, and pelts, except kip .......................................... |  | 2011-997 | 12/80 | 85.1 | 88.0 | 88.3 | ${ }^{(3)}$ | . 3 |
| Secondary products and miscellianeous receipts ...................................... |  | 2011-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 2011-M | 12/80 | 99.9 | 102.9 | 103.2 | 3.9 | . 3 |
| Resales ........................................................................................ |  | 2011-Z89 | 12/80 | 99.5 | 102.5 | 102.7 | 3.7 | 2 |
| Secondary products .......................................................................... |  | 2011-S | 12/80 | 79.0 | 77.9 | 79.1 | -8.9 | 1.5 |
| Sausages and other prepared meats | 2013 |  | 12/82 | 100.5 | 100.7 | 101.5 | 3.7 | 8 |
| Primary products ................................................................................. |  | 2013-P | 12/82 | 98.4 | 98.3 | 99.3 | 2.5 | 1.0 |
| Portion control and miscellaneous processed, frozen, or cooked meats . |  | 2013-B | 12/82 | 114.3 | 115.6 | 116.3 | 8.3 | 6 |
| Frozen ground meat patties ........................................................... |  | 2013-B11 | 12/88 | 103.1 | 103.1 | 105.5 | ${ }^{(3)}$ | 2.3 |
| Frozen portion control other than ground meat patties |  | 2013-813 | 12/88 | 102.3 | 106.0 | 106.1 | ${ }^{(3)}$ | .1 |
| Miscellaneous processed, frozen, or cooked meats |  | 2013-819 | 12/88 | 105.1 | 105.8 | 105.1 | (3) | -. 7 |
| Pork, processed or cured, including frozen (not canned or made into sausage) |  | 2013-6 | 12/82 | 73.7 | 72.2 | 73.3 | . 1 | 1.5 |
| Hams and picnics, except canned ........................................................................................................ |  | 2013-631 | 12/82 | 83.7 | 81.2 | 82.0 | 1.2 | 1.0 |
| Sliced bacon ................................................................................. |  | 2013-641 | 12/82 | 60.5 | 57.6 | 59.6 | -2.9 | 3.5 |
| Other smoked pork ........................................................................... |  | 2013-652 | 12/88 | 98.8 | 100.9 | 102.3 | (3) | 1.4 |
| Boiled ham, barbecued pork, and other cooked pork, except canned meats and sausage |  | 2013-661 | 12/82 | 75.7 | 80.8 | 80.6 | 5.5 | -. 2 |
| Sausages and similar products (not canned) ....................................... |  | 2013-7 | 12/82 | 105.2 | 105.6 | 106.7 | 1.9 | 1.0 |
| Fresh sausage, pork sausage, breakfast links, etc. ............................ |  | 2013-711 | 12/82 | 104.6 | 104.3 | 103.8 | 2.6 | -. 5 |
| Dry and semidry sausage (salami, cervelat, summer sausage, pepperoni, pork roll, etc.) |  | 2013-717 | 12/82 | 106.0 | 106.6 | 107.1 | 2.4 | . 5 |
| Frankfurters and wieners ................................................................ |  | 2013-721 | 12/82 | 102.6 | 103.0 | 104.4 | 1.4 | 1.4 |
| Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, luncheon meats, etc.) |  | 2013-735 | 12/82 | 106.8 | 107.4 | 109.6 | 2.2 | 2.0 |
| Canned meats (except dog and cat food) containing 20-percent or more meat $\qquad$ |  | 2013-8 | 12/82 | 100.7 | 100.8 | 100.7 | . 1 | -. 1 |
| Other canned meats ........................................................................ |  | 2013-898 | 12/82 | 104.4 | 104.4 | 104.4 | -. 1 | 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 2013-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 2013-M | 12/82 | 110.1 | 111.3 | 111.1 | 9.0 | -. 2 |
| Resales ........................................................................................ |  | 2013-Z89 | 12/82 | 109.5 | 110.4 | 109.6 | 7.6 | -. 7 |
| Secondary products ......................................................................... |  | 2013-S | 12/82 | 115.3 | 116.3 | 117.7 | 5.6 | 1.2 |
| Poultry dressing, poultry and egg processing ................................................. | 2018 |  | 12/81 | 128.7 | 135.7 | 131.0 | 1.6 | -3.5 |
| Primary products ................................................................................ |  | 2018-P | 12/81 | 129.4 | 136.7 | 131.7 | 1.4 | -3.7 |
| Young chicken .................................................................................. |  | 2018-1 | 12/81 | 133.0 | 141.9 | 136.8 | -2.8 | -3.6 |
| Bulk broilers/wet ice pack .............................................................. |  | 2018-133 | 12/81 | 135.1 | 145.4 | 140.3 | -. 9 | -3.5 |
| Grade A butk whole broilers/wet ice pack ....................................... |  | 2018-13301 | 12/81 | 136.9 | 150.0 | 140.6 | -5.1 | -6.3 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products—Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Poultry dressing, poultry and egg processing-Continued |  |  |  |  |  |  |  |  |
| Other wet ice bulk broilers, including parts ........ |  | 2018-13398 | 12/81 | 132.5 | 138.5 | 139.9 | 6.1 | 1.0 |
| Tray pack broilers ....................................... |  | 2018-136 | 12/81 | 125.0 | 129.7 | 127.4 | -4.0 | -1.8 |
| Other broilers including frozen .......................................................... |  | 2018-139 | 12/81 | 130.0 | 136.4 | 135.8 | -6.5 | -. 4 |
| Turkeys ......................................................................................... |  | 2018-3 | 12/81 | 122.3 | 131.7 | 121.7 | . 6 | -7.6 |
| Young turkeys ............................................................................. |  | 2018-323 | 12/81 | 123.1 | 133.6 | 123.9 | . 1 | -7.3 |
| Hens, whole, Grade A frozen ....................................................... |  | 2018-32301 | 12/81 | 117.5 | 132.3 | 117.7 | -6.5 | -11.0 |
| Toms, whole, Grade A frozen ...................................................... |  | 2018-32302 | 12/81 | 118.7 | 132.1 | 124.6 | 2.8 | -5.7 |
| Other young turkey ................................................................. |  | 2018-32398 | 12/81 | 133.4 | 136.4 | 130.0 | 4.7 | -4.7 |
| Processed poultry and small game ................................................... |  | 2018-5 | 12/81 | 126.1 | 130.4 | 128.1 | 9.9 | -1.8 |
| Turkey, cooked or smoked |  | 2018-521 | 12/81 | 126.9 | 128.5 | 125.2 | 6.7 | -2.6 |
| Chicken, cooked or smoked ............................................................ |  | 2018-523 | 12/81 | 120.2 | 128.8 | 128.0 | 14.6 | -. 6 |
| Liquid, dried and frozen eggs ............................................................ |  | 2018-9 | 12/81 | 118.9 | 117.1 | 117.9 | 40.2 | . 7 |
| Dried whole eggs .......................................................................... |  | 2018-915 | 12/81 | 102.2 | 90.7 | 92.4 | 27.4 | 1.9 |
| Frozen or liquid whole eggs ............................................................ |  | 2018-955 | 12/81 | 126.5 | 101.8 | 100.1 | 4.8 | -1.7 |
| Secondary products and miscellaneous receipts ........................................... |  | 2018-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................................. |  | 2018-M | $12 / 81$ $12 / 81$ | 113.6 114.1 | 92.4 114.0 | 98.5 113.4 | 25.3 2.4 | 6.6 -.5 |
| Secondary products .......................................................................... |  | 2018-S | 12/81 | 114.1 | 114.0 | 113.4 | 2.4 | -. 5 |
| Dairy products ........................................................................................................... | 202 |  | 12/84 | 104.5 | 104.6 | 105.6 | 6.6 | 1.0 |
| Creamery butter | 2021 |  | 06/84 | 88.1 | 89.3 | 89.5 | -1.3 | . 2 |
| Primary products |  | 2021-P | 06/84 | 88.3 | 88.3 | 88.1 | -4.1 | -. 2 |
| Creamery butter |  | 2021-1 | 06/84 | 88.3 | 88.3 | 88.1 | -4.1 | -. 2 |
| Bulk butter (> 3 lbs.) |  | 2021-113 | 06/84 | 87.0 | 87.0 | 86.4 | -5.4 | -. 7 |
| Butter, consumer packages (< 3 lbs.) .................................................. |  | 2021-115 | 06/84 | 90.3 | 90.3 | 91.1 | -1.9 | . 9 |
| Secondary products and miscellaneous receipts ............................................ |  | 2021-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2021-S $2023-5$ | 06/84 $06 / 84$ | 87.7 82.9 | 92.7 89.1 | 94.0 90.8 | 8.4 9.7 | 1.4 1.9 |
| Condensed and evaporated milk ..................................................... |  | 2023-S | 06/84 | 82.9 | 89.1 | 90.8 | 9.7 | 1.9 |
| Natural and processed cheese | 2022 |  | 06/81 | 99.5 | 101.4 | 103.9 | 8.1 | 2.5 |
| Primary products .......................................................................... |  | 2022-P | 06/81 | 99.7 | 102.8 | 106.4 | 11.4 | 3.5 |
| Natural cheese, except cottage cheese .............................................. |  | 2022-1 | 06/81 | 95.7 | 98.9 | 103.8 | 10.8 | 5.0 |
| American-type cheese .................................................................... |  | 2022-102 | 06/81 | 93.0 | 96.9 | 102.4 | 12.7 | 5.7 |
| Cheddar cheese ................................................................ |  | 2022-10201 | 06/81 | 93.4 | 98.1 | 104.5 | 13.6 | 6.5 |
| Other American-type cheese ....................................................... |  | 2022-10211 | 06/81 | 92.3 | 93.4 | 95.8 | 9.5 | 2.6 |
| Italian-type cheese ........................................................................ |  | 2022-103 | 06/81 | 98.4 | 101.8 | 107.1 | 11.0 | 5.2 |
| Mozzarella cheese ..................................................................... |  | 2022-10301 | 06/81 | 99.2 | 103.6 | 109.9 | 12.3 | 6.1 |
| Other Italian-type cheese ............................................................ |  | 2022-10311 | 06/81 | 97.3 | 99.2 | 102.8 | 8.8 | 3.6 |
| Swiss cheese ............................................................................... |  | 2022-105 | 06/81 | 100.4 | 100.3 | 100.5 | 3.8 | . 2 |
| Cream and neufchatel cheese ........................................................ |  | 2022-107 | 06/81 | 123.0 | 121.6 | 121.5 | . 2 | -. 1 |
| Other natural cheese, except cottage ............................................... |  | 2022-111 | 06/81 | 92.3 | 92.9 | 99.7 | 10.0 | 7.3 |
| Processed cheese and related products ............................................. |  | 2022-2 | 06/81 | 104.1 | 107.4 | 108.8 | 11.4 | 1.3 |
| Processed cheese ......................................................................... |  | 2022-211 | 06/81 | 97.2 | 100.7 | 101.1 | 10.1 | 4 |
| Cheese food.... |  | 2022-213 | 06/81 | 115.5 | 119.8 | 122.6 | 14.2 | 2.3 |
| Cheese spread ......... |  | 2022-215 | 06/81 | 116.4 | 117.0 | 121.0 | 8.5 | 3.4 |
| Other related processed cheese products ........................................ |  | 2022-219 | 06/81 | 110.0 | 111.7 | 113.2 | 22.6 | 1.3 |
| Secondary products and miscellaneous reciepts ........................................... |  | 2022-SM |  |  |  |  |  |  |
| Miscellaneous receipts ............................................... |  | 2022-M | 06/81 | 104.0 | 101.1 | 105.5 | 11.1 | 4.4 |
| Resales ...................................................................................... |  | 2022-789 | 06/81 | 104.3 | 101.3 | 105.7 | 10.9 | 4.3 |
| Secondary products ....... |  | 2022-S | 06/81 | 92.5 | 91.0 | 88.8 | -11.9 | -2.4 |
| Other secondary products ......................................................................... |  | 2022-SSS | 06/81 | 129.3 | 130.0 | 136.0 | 10.5 | 4.6 |
| Condensed and evaporated milk ....................................................... |  | 2023-S | 06/81 | 71.8 | 67.1 | 53.6 | -50.0 | -20.1 |
| Fluid milk ............................................................................................. |  | 2026-S | 06/81 | 94.9 | 94.0 | 94.2 | -2.2 | 2 |
| Condensed and evaporated milk ................................................................ | 2023 |  | 12/83 | 107.8 | 109.0 | 109.5 | 4.3 | . 5 |
| Primary products ................................................................................. |  | 2023-P | 12/83 | 110.7 | 112.6 | 113.6 | 4.9 | . 9 |
| Dry milk products ................................................................................ |  | 2023-1 | 12/83 | 103.5 | 106.1 | 106.6 | . 9 | . 5 |
| Other dry milk products, consumer-type packages (3 lbs. or less) ........ |  | 2023-129 | 02/84 | 136.1 | 147.3 | 147.3 | 12.1 | 0 |
| Dry whey, bulk packaging (more than 3 lbs.) ..................................... |  | 2023-139 | 12/83 | 124.0 | 113.8 | 96.7 | -52.1 | -15.0 |
| Dry whole milk, bulk packaging (more than 3 lbs.) .............................. |  | 2023-142 | 12/83 | 99.7 | 98.6 | 100.7 | 8.5 | 2.1 |
| Nonfat dry milk, bulk packaging (more than 3 lbs.) ............................ |  | 2023-143 | 12/83 | 86.4 | 91.8 | 95.3 | 15.4 | 3.8 |
| Other food-grade dry milk products, bulk packaging (more than 3 lbs .) |  | 2023-146 | 12/83 | 108.2 | 111.6 | 111.8 | 3.4 | . 2 |
| Feed-grade dry milk products, bulk packaging (more than 3 lbs .) ......... |  | 2023-151 | 12/83 | 104.9 | 96.7 | 90.6 | -32.5 | -6.3 |
| Canned milk products, consumer-type can .......................................... |  | 2023-2 | 12/83 | 127.9 | 127.8 | 128.2 | 8.6 | . 3 |
| Evaporated milk, consumer-type can ................................................ |  | 2023-212 | 12/83 | 110.7 | 110.4 | 111.4 | 9.8 | . 9 |
| Condensed and evaporated milk products, shipped in bulk (barrels, drums and tanks) |  | 2023-3 | 12/83 | 97.4 | 103.5 | 111.4 | 22.4 | 7.6 |
| All other food-grade concentrated milk products, except ice cream mixes, shipped in bulk $\qquad$ |  | 2023-318 | 12/83 | 97.4 | 103.5 | 111.4 | 22.4 | 7.6 |
| Secondary products and miscellaneous receipts .......................................... |  | 2023-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 2023-S | 12/83 | 97.7 | 97.6 | 97.7 | 3.3 | . 1 |
| Creamery butter ..................................................................... |  | 2021-S | 12/83 | 94.3 | 94.2 | 93.3 | -2.8 | -1.0 |
| Other secondary products ....................................................................... |  | 2023-SSS | 12/83 | 127.7 | 131.1 | 131.0 | 7.5 | -. 1 |
| Fluid milk and related products ................................................................ |  | 2026-S | 12/83 | 91.9 | 90.6 | 91.5 | 6.1 | 1.0 |
| Ice cream and frozen desserts .................................................................... | 2024 |  | 06/83 | 114.1 | 114.6 | 114.6 | 6.0 | 0 |
| Primary products ................................................................................ |  | 2024-P | 06/83 | 112.7 | 113.2 | 113.3 | 4.1 | . 1 |
| Ice cream and ices .......................................................................... |  | 2024-1 | 06/83 | 112.7 | 113.2 | 113.3 | 4.1 | . 1 |
| Bulk ice cream and custard (3 gallons or more) ................................ |  | 2024-114 | 06/83 | 104.9 | 108.4 | 107.1 | 5.4 | -1.2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Ice cream and frozen desserts-Continued | 2026 |  |  |  |  |  |  |  |
| Bulk vanilla ice cream and custard (3 gallons or more) |  | 2024-11401 | 06/83 | 115.9 | $\left({ }^{3}\right)$ | 116.2 | 8.6 | (3) |
| Other bulk ice cream and custard ( 3 gallons or more) |  | 2024-11498 | 06/83 | 99.2 | 102.3 | 102.3 | 3.4 | 0 |
| Consumer-size ice cream and custard (16 oz. to less than 3 gallons) .. |  | 2024-115 | 06/83 | 113.7 | 113.4 | 114.0 | 4.1 | . 5 |
| Vanilla ice cream and custard in consumer size (16 oz. to less than 3 gallons) |  | 2024-11501 | 06/83 | 114.7 | 114.1 | 114.4 | 1.6 | . 3 |
| Other consumer-size ice cream and custard (16 oz. to less than 3 gallons) $\qquad$ |  | 2024-11598 | 06/83 | 113.2 | 113.1 | 113.8 | 5.7 | . 6 |
| Novelty forms of frozen desserts (any frozen dairy-type dessert less than 16 ounces) $\qquad$ |  | 2024-116 | 06/83 | 118.9 | 118.7 | 119.0 | 3.5 | . 3 |
| Water ices (16 oz. size or larger) ..................................................... |  | 2024-151 | 06/83 | 113.6 | 113.6 | 113.6 | -3.5 | 0 |
| Consumer-size ice milk (16 oz. to less than 3 gallons) ....................... |  | 2024-184 | 06/83 | 109.8 | 109.8 | 109.1 | 7.3 | -. 6 |
| Consumer-size sherbet (16 oz. to less than 3 gallons) ........................ |  | 2024-196 | 06/83 | 104.8 | 104.8 | 104.8 | 1.4 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 2024-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2024-S | 06/83 | 120.8 | $\left({ }^{3}\right)$ | 120.8 | 7.0 | ${ }^{(3)}$ |
| Other secondary products ................................................................ |  | 2024-SSS | 06/83 | 120.8 | ${ }^{(3)}$ | 120.8 | 7.0 | ${ }^{(3)}$ |
| Fluid milk ................................................................................................ |  |  | 12/82 | 111.3 | 110.1 | 110.6 | 5.5 | . 5 |
| Primary products |  | 2026-P | 12/82 | 108.6 | 107.1 | 107.6 | 6.1 | . 5 |
| Packaged fluid milk and related products .............................................. |  | 2026-2 | 12/82 | 110.8 | 109.2 | 109.6 | 6.0 | . 4 |
| Fluid whole milk, packaged ............................................................. |  | 2026-212 | 12/82 | 110.3 | 108.6 | 108.5 | 5.6 | -. 1 |
| Fluid whole milk, packaged, Northeast region ... |  | 2026-21200 G01 | 12/82 | 112.4 | 110.5 | 110.7 | 8.8 | . 2 |
| Fluid whole milk, packaged, North Central region .............................- |  | 2026-21200 GO2 | 12/82 | 106.2 | 102.8 | 103.6 | 5.9 | . 8 |
| Fluid whole milk, packaged, Southern region .................................. |  | 2026-21200 G03 | 12/82 | 113.9 | 112.9 | 111.8 | 4.0 | -1.0 |
| Fluid whole milk, packaged, Western region ................................... |  | 2026-21200 G04 | 12/82 | 108.4 | 108.2 | 108.2 | 4.9 | 0 |
| Lowiat milk, 0.5-2.0\% butterfat, packaged ........................ |  | 2026-223 | 12/82 | 110.9 | 109.0 | 110.6 | 8.2 | 1.5 |
| Skim milk, packaged .................................................................... |  | 2026-225 | 12/82 | 117.7 | 116.6 | 118.7 | 6.8 | 1.8 |
| Cream, heavy, with more than $30 \%$ butterfat (whipping cream) ............ |  | 2026-232 | 12/82 | 104.2 | 103.5 | 103.6 | 1.1 | . 1 |
| Sour cream and related products ....................................................... |  | 2026-245 | 12/82 | 110.2 | 109.8 | 110.2 | 1.9 | . 4 |
| Half and half and related products ................................................. |  | 2026-252 | 12/82 | 111.2 | 109.9 | 109.5 | . 9 | -. 4 |
| Cottage cheese (including farmers' cheese, pot cheese and bakers' cheese) $\qquad$ |  | 2026-3 | 12/82 | 115.8 | 114.4 | 114.8 | 7.7 | . 3 |
| Cottage cheese, manufactured and creamed at the establishment ....... |  | 2026-313 | 12/82 | 116.0 | 114.4 | 114.9 | 7.7 | . 4 |
| Buttermilk, chocolate drinks and other flavored milk products ................. |  | 2026-4 | 12/82 | 112.6 | 110.2 | 112.6 | 4.5 | 2.2 |
| Yogurt .......................................................................................... |  | 2026-432 | 12/82 | 113.2 | 106.3 | 113.2 | -. 4 | 6.5 |
| Buttermilk and related products.. |  | 2026-434 | 12/82 | 113.4 | 113.0 | 112.2 | 6.9 | -. 7 |
| Flavored milk drinks (chocolate milk, chocolate drink) |  | 2026-435 | 12/82 | 111.9 | 111.1 | 112.5 | 6.1 | 1.3 |
| Secondary products and miscellaneous receipts |  | 2026-SM |  |  |  |  |  |  |
| Miscellaneous receipts ......................................................................... |  | 2026-M | 12/82 | 117.6 | 116.2 | 117.4 | 4.1 | 1.0 |
| Resales |  | 2026-Z89 | 12/82 | 117.6 | 116.2 | 117.4 | 4.1 | 1.0 |
| Secondary products |  | 2026-S | 12/82 | 110.6 | 112.1 | 111.6 | 3.8 | -. 4 |
| Creamery butter ...... |  | 2021-S | 12/82 | 91.9 | 91.9 | 88.3 | -7.3 | -3.9 |
| Cheese .............. |  | 2022-S | 12/82 | 95.2 | 98.8 | 93.8 | -2.1 | -5.1 |
| Condensed and evaporated milk ........................................................................... |  | 2023-S | 12/82 | 102.9 | 106.5 | 107.4 | 8.8 | 8 |
| Ice cream and trozen desserts ....................................................... |  | 2024-S | 12/82 | 115.7 | 116.1 | 116.1 | 4.8 | 0 |
| Other secondary products ................................................................. |  | 2026-SSS | 12/82 | 130.0 | 130.2 | 130.2 | 2.4 | 0 |
| Canned and preserved fruits and vegetables ................................................... | 203 |  | 12/84 | 113.5 | 114.7 | 114.7 | 5.4 | 0 |
| Canned specialties | 2032 |  | 12/82 | 127.4 | 128.4 | 128.9 | 5.9 | 4 |
| Primary products |  | 2032-P | 12/82 | 129.2 | 130.9 | 131.2 | 6.5 | 2 |
| Canned soups, except frozen or seafood ............................................ |  | 2032-2 | 12/82 | 136.4 | 140.3 | 140.5 | 7.3 | . 1 |
| Canned dry beans ............................................................................ |  | 2032-3 | 12/82 | 123.8 | 123.8 | 124.4 | 7.8 | . 5 |
| Beans with pork ( 13.1 oz to 18 oz ) ..... |  | 2032-373 | 12/82 | 138.9 | 138.9 | 138.9 | 10.1 | 0 |
| Other canned dry beans, including chili con carne (13.1 oz to 18 oz ) .. |  | 2032-386 | 12/82 | 115.9 | 116.0 | 116.0 | 7.7 | 0 |
| Other canned dry beans, including chili con carne (other sizes) ........... |  | 2032-391 | 12/82 | 108.7 | 108.7 | 112.2 | 8.3 | 3.2 |
| Canned specialty foods ........................................................................ |  | 2032-4 | 12/82 | 111.3 | 112.4 | 112.5 | 2.4 | . 1 |
| Spanish foods (Mexican rice, tortillas, enchiladas) ................................ |  | 2032-493 | 12/82 | 124.6 | 131.7 | 131.6 | 5.5 | -. 1 |
| Other canned specialties, including canned puddings (other than canned meats) $\qquad$ |  | 2032-498 | 12/82 | 114.0 | 113.0 | 113.0 | . 7 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2032-SM |  |  |  |  |  |  |
| Secondary products ........................................................................... |  | 2032-S | 12/82 | 121.1 | 121.1 | 122.7 | 6.6 | 1.3 |
| Other secondary products ............................................................................. |  | 2032-SSS | 12/82 | 115.4 | 115.5 | 116.3 | 2.0 | . 7 |
| Canned fruits and vegetables .......................................................... |  | 2033-SSS | 12/82 | 126.4 | 126.4 | 128.6 | 10.9 | 1.7 |
| Canned fruits and vegetables .............................................................................. | 2033 |  | 06/81 | 128.6 | 129.2 | 129.3 | 7.0 | . 1 |
| Primary products ................................................................................. |  | 2033-P | 06/81 | 128.0 | 128.4 | 128.6 | 6.8 | . 2 |
| Canned fruits, except baby food ........................................................ |  | 2033-1 | 06/81 | 126.9 | 126.8 | 128.7 | 5.5 | 1.5 |
| Apples ....................................................................................... |  | 2033-112 | 06/81 | 113.5 | 113.5 | 113.5 | 8.1 | 0 |
| Cherries, red pitted ........................................................................ |  | 2033-122 | 12/87 | 97.1 | 105.9 | 105.9 | 0 | 0 |
| Cherries, sweet ............................................................................ |  | 2033-124 | 12/81 | 117.0 | 117.0 | 117.0 | 2.4 | 0 |
| Fruit pie mixes .............................................................................. |  | 2033-162 | 06/81 | 117.1 | ${ }^{(3)}$ | 113.7 | 9.7 | ${ }^{(3)}$ |
| Apple pie mix .................................................................................. |  | 2033-16261 | 12/87 | 110.6 | ${ }^{(3)}$ | 108.0 | -. 3 | (3) |
| Cherry pie mix ............................................................................ |  | 2033-16263 | 12/87 | 115.5 | ${ }^{(3)}$ | 111.9 | 14.5 | $\left({ }^{3}\right)$ |
| Applesauce ................................................................................... |  | 2033-171 | 06/81 | 125.1 | 125.5 | 125.0 | 5.7 | -. 4 |
| Olives, ripe and green ripe ............................................................. |  | 2033-173 | 06/81 | 120.3 | 119.2 | 119.0 | -3.9 | -. 2 |
| Peaches, including spiced ................................................................ |  | 2033-174 | 06/81 | 145.2 | 145.2 | 150.9 | 9.9 | 3.9 |
| Pears, including spiced ................................................................... |  | 2033-175 | 06/81 | 126.8 | 129.8 | 129.8 | 9.2 | 0 |
| Canned vegetables, except hominy and mushrooms ............................. |  | 2033-2 | 06/81 | 126.4 | 127.1 | 126.1 | 9.1 | -. 8 |
| Fresh lima beans .......................................................................... |  | 2033-203 | 06/81 | 124.1 | 138.3 | 138.3 | 27.1 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Beans, green and wax (including blue lake) |  | 2033-207 | 06/81 | 135.3 | 135.5 | 134.5 | 14.8 | -0.7 |
| Beans, green and wax (excluding blue lake) .................................. |  | 2033-20792 | 12/87 | 127.0 | 127.3 | 126.1 | 18.9 | -. 9 |
| Carrots .......................................................................................... |  | 2033-215 | 06/81 | 139.5 | 140.8 | 140.5 | 32.8 | -. 2 |
| Vegetable combinations .. |  | 2033-235 | 06/81 | 126.0 | 126.0 | 126.0 | 10.7 | . 0 |
| Spinach ................................................................................. |  | 2033-255 | 06/81 | 119.9 | 114.3 | 116.4 | -1.4 | 1.8 |
| Other leaty greens ................................................................... |  | 2033-258 | 12/87 | 101.5 | 96.4 | 96.4 | -3.6 | 0 |
| White potatoes .......................................................................... |  | 2033-275 | 06/81 | 153.0 | 156.5 | 146.2 | 10.0 | -6.6 |
| Sauerkraut |  | 2033-276 | 06/81 | 145.5 | 145.0 | 149.3 | 14.9 | 3.0 |
| Asparagus ............................................................................................ |  | 2033-291 | 12/87 | 99.6 | 99.6 | 99.6 | -. 4 | 0 |
| Beets ..................................................................................... |  | 2033-293 | 06/81 | 134.0 | 132.7 | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Sweet corn, whole kernel ........................................................... |  | 2033-294 | 06/81 | 109.7 | 109.8 | 110.5 | 11.1 | . 6 |
| Sweet corn, cream style ................................................................ |  | 2033-295 | 08/81 | 113.0 | 112.5 | 114.3 | 6.4 | 1.6 |
| Green peas .................................................................................. |  | 2033-296 | 06/81 | 131.8 | 131.8 | 128.4 | 4.7 | -2.6 |
| Tomatoes ................................................................................. |  | 2033-297 | 06/81 | 145.4 | 145.6 | 145.8 | 11.5 | . 1 |
| Other canned vegetables ........................................................ |  | 2033-299 | 12/87 | 100.7 | 100.4 | 101.9 | 1.5 | 1.5 |
| Canned hominy and mushrooms |  | 2033-3 | 06/81 | 122.3 | 123.4 | 123.7 | 18.7 | . 2 |
| Mushrooms |  | 2033-321 | 06/81 | 121.2 | 122.3 | 122.6 | 18.8 | . 2 |
| Canned fruit juices, nectars, and concentrates ...................................... |  | 2033-4 | 06/81 | 131.0 | 132.8 | 132.7 | . 7 | -. 1 |
| Apple juice ............................................................................ |  | 2033-411 | 06/81 | 120.9 | 121.1 | 121.1 | 2.7 | 0 |
| Grape juice |  | 2033-425 | 06/81 | 119.9 | 119.9 | 119.9 | 1.4 | 0 |
| Pineapple juice |  | 2033-428 | 06/81 | 130.9 | 131.5 | 131.5 | ${ }^{(3)}$ | , |
| Grapefruit juice ......................................................................................... |  | 2033-431 | 06/81 | 131.9 | 134.0 | 131.9 | -1.6 | -1.6 |
| Other whole fruit juices and mixtures of whole fruit juices .................... |  | 2033-472 | 06/81 | 123.1 | 123.9 | 123.9 | 2.7 | 0 |
| Orange juice, single strength ........................................................... |  | 2033-492 | 06/81 | 141.3 | 144.9 | 145.0 | . 4 | . 1 |
| Canned vegetable juices |  | 2033-5 | 06/81 | 143.4 | 145.1 | 140.9 | 8.6 | -2.9 |
| Tomato juice |  | 2033-515 | 06/81 | 145.9 | 148.4 | 148.4 | 14.5 | 0 |
| Catsup and other tomato sauces, etc. ................................................. |  | 2033-6 | 06/81 | 129.5 | 126.8 | 128.0 | 11.1 | . 9 |
| Tomato sauces ............................................................................. |  | 2033-614 | 06/81 | 130.8 | 127.2 | 130.8 | 4.0 | 2.8 |
| Tomato sauces, 7.1-10 oz. size .................................................... |  | 2033-61413 | 12/87 | 108.0 | 108.0 | 108.0 | -1.0 | 0 |
| Tomato sauces, other sizes ........................................................... |  | 2033-61419 | 12/87 | 105.4 | 101.8 | 105.4 | 5.4 | 3.5 |
| Catsup ....................................................................................... |  | 2033-621 | 06/81 | 137.8 | 128.6 | 126.9 | 6.6 | -1.3 |
| Catsup, 14-32 0z. size ............................................................... |  | 2033-62122 | 12/87 | 118.7 | 100.8 | 100.8 | -. 9 | 0 |
| Catsup, all other sizes .......................................................... |  | 2033-62123 | 12/87 | 114.1 | 126.5 | 122.1 | ${ }^{(3)}$ | -3.5 |
| Tomato paste ....................................................................................... |  | 2033-662 | 06/81 | 119.8 | 122.5 | 124.7 | 24.5 | 1.8 |
| Tomato paste, all other sizes (incl. bulk) ........................................ |  | 2033-66264 | 12/87 | 119.7 | 122.8 | 125.3 | 28.0 | 2.0 |
| Tomato pulp and puree ................................................................. |  | 2033-691 | 06/81 | 127.8 | 133.3 | 133.3 | $\left.{ }^{3}\right)$ | 0 |
| Jams, jellies and preserves ............................................................... |  | 2033-8 | 06/81 | 121.6 | 127.9 | 127.0 | 5.8 | -. 7 |
| Strawberry jams and preserves ......................................................... |  | 2033-811 | 06/81 | 117.9 | 129.2 | 129.1 | 6.1 | -. 1 |
| Other jams and preserves ............................................................. |  | 2033-815 | 06/81 | 118.6 | 122.5 | 122.5 | 3.3 | 0 |
| Grape jelly ............................................................................. |  | 2033-821 | 06/81 | 109.5 | 112.6 | 108.9 | 4.2 | -3.3 |
| Other jellies. |  | 2033-825 | 06/81 | 139.2 | 147.1 | 146.9 | 9.2 | -. 1 |
| Secondary products and miscellaneous receipts ..................................... |  | 2033-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................... |  | 2033-M | 06/81 | 81.5 | 87.3 | 87.3 | . 8 | 0 |
| Resales |  | 2033-789 | 06/81 | 80.5 | 86.3 | 86.3 | . 8 | 0 |
| Secondary products |  | 2033-S | 06/81 | 142.0 | 143.9 | 143.1 | 9.7 | -. 6 |
| Canned specialties |  | 2032-S | 06/81 | 124.9 | 125.4 | 124.3 | 3.1 | -. 9 |
| Other secondary products |  | 2033-SSS | 06/81 | 120.2 | 122.0 | 120.7 | 2.5 | -1.1 |
| Frozen fruits and vegetables ............................................................ |  | 2037-S | 06/81 | 183.2 | 186.0 | 186.2 | 20.7 | . 1 |
| Dried and dehydrated fruits, vegetables and soups ....................................... | 2034 |  | 12/82 | 124.1 | 127.1 | 126.7 | 13.9 | -. 3 |
| Primary products ................................................................................ |  | 2034-P | 12/82 | 124.5 | 127.5 | 127.1 | 15.0 | -. 3 |
| Dried fruits and vegetables ............................................................... |  | 2034-X | 12/82 | 125.9 | 129.7 | 129.1 | 17.9 | -. 5 |
| Dried fruits ................................................................................... |  | 2034-1 | 12/82 | 99.6 | 100.2 | 100.2 | 4.2 | 0 |
| Raisins ..................................................................................... |  | 2034-113 | 12/82 | 89.3 | 90.2 | 90.2 | 3.0 | 0 |
| Prunes ....................................................................................... |  | 2034-115 | 12/82 | 112.8 | 114.1 | 114.1 | 4.0 | 0 |
| Other fruits ................................................................................ |  | 2034-123 | 12/82 | 111.7 | 111.7 | 111.7 | 7.1 | 0 |
| Dried vegetables .......................................................................... |  | 2034-2 | 12/82 | 149.7 | 156.2 | 155.2 | 27.8 | -. 6 |
| Potatoes (including flakes, granules, etc.) ...................................... |  | 2034-213 | 12/82 | 191.0 | 201.0 | 201.0 | 39.7 | 0 |
| Onions ..................................................................................... |  | 2034-237 | 12/82 | 89.8 | 93.4 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Other vegetables .......................................................................... |  | 2034-241 | 12/82 | 95.3 | 95.3 | 93.4 | . 4 | -2.0 |
| Dried soups ..................................................................................... |  | 2034-3 | 12/82 | 119.1 | 119.1 | 119.1 | 3.8 | 0 |
| Dried soups ................................................................................. |  | 2034-311 | 12/82 | 119.1 | 119.1 | 119.1 | 3.8 | 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 2034-SM |  |  |  |  |  |  |
| Secondary products ....................................................................................... |  | 2034-S | 12/82 | 119.4 | 119.4 | 119.4 | 1.4 | 0 |
| Pickles, sauces and salad dressings ............................................................. | 2035 |  | 06/81 | 132.0 | 131.8 | 131.6 | 4.7 | -. 2 |
| Primary products ................................................................................ |  | 2035-P | 06/81 | 133.3 | 132.9 | 132.5 | 3.5 | -. 3 |
| Pickles and other pickled products ...................................................... |  | 2035-2 | 06/81 | 135.9 | 135.1 | 134.5 | 5.6 | -. 4 |
| Fermented pickles ......................................................................... |  | 2035-212 | 12/86 | 112.2 | 114.9 | 114.4 | 5.2 | -. 4 |
| Dill pickles ................................................................................ |  | 2035-21211 | 06/81 | 132.2 | 135.5 | 134.9 | 5.0 | -. 4 |
| Sweet pickles ............................................................................ |  | 2035-21215 | 06/81 | 140.0 | 143.2 | 142.3 | 5.6 | -. 6 |
| Other finished pickled products ........................................................ |  | 2035-233 | 06/81 | 151.3 | 135.4 | 135.0 | 7.7 | -. 3 |
| Meat sauces ...................................................................................... |  | 2035-3 | 06/81 | 146.9 | 146.9 | 146.9 | 12.1 | 0 |
| Prepared mustard ...-...................................................................... |  | 2035-311 | 06/81 | 140.5 | 140.5 | 140.5 | 14.0 | 0 |
| Other sauces ............................................................................... |  | 2035-351 | 06/81 | 150.3 | 150.3 | 150.3 | 11.0 | 0 |
| Mayonnaise, salad dressings and sandwich spreads ............................. |  | 2035-4 | 06/81 | 129.4 | 129.2 | 129.0 | . 9 | -. 2 |
| Salad dressing .................................................................................. |  | 2035-411 | 06/81 | 131.7 | 131.7 | 131.7 | -. 7 | 0 |
| Mayonnaise .................................................................................... |  | 2035-423 | 06/81 | 131.5 | 131.2 | 130.9 | 1.1 | -. 2 |
| Secondary products and miscellaneous receipts ...................................... |  | 2035-SM |  |  |  |  |  |  |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


[^4]Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Flour and other grain mill products-Continued <br> Blended and prepared flour | 2043 | $\begin{aligned} & 2041-5 \\ & 2041-S M \\ & 2041-S \end{aligned}$ | 06/83 | 119.5 | 119.8 | 119.8 | 3.7 | 0 |
| Secondary products and miscellaneous receipts ................................. |  |  |  | 127.7 | 144.0 | 143.9 | 10.6 |  |
| Secondary products .......................................................................... |  |  | 06/83 |  |  |  |  | -. 1 |
| Cereal breakfast foods |  |  | 12/83 | 134.4 | 135.9 | 141.7 | 14.9 | 4.3 |
| Primary products |  | 2043-P | 12/83 | 145.0 | 147.1 | 153.5 | 14.9 | 4.4 |
| Ready to serve cereal breakfast foods |  | 2043-1 | 12/83 | 145.3 | 147.7 | 155.1 | 14.2 | 5.0 |
| Corn flakes and other corn breakfast foods .................................. |  | 2043-111 | 12/83 | 146.6 | (3) | (3) | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Wheat flakes and other wheat breakiast foods .................................... |  | 2043-112 | 12/83 | 142.8 | 142.8 | 149.1 | 12.4 | 4.4 |
| Oat breakfast foods. |  | 2043-115 | 12/83 | 144.0 | 151.9 | 158.6 | 15.2 | 4.4 |
| Rice breakfast foods ..................................................................................... |  | 2043-117 | 12/83 | 142.8 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Preparations of other grains and mixed grains, incl. baby cereals ......... |  | 2043-119 | 12/83 | 151.0 | 156.6 | 166.7 | 18.2 | 6.4 |
| To be cooked before serving cereal breakfast foods ............................ |  | 2043-2 | 12/83 | 143.3 | 143.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Farina and other wheat foods ............................................................ |  | 2043-252 | 12/83 | 160.3 | 160.3 | (3) | (3) | ${ }^{(3)}$ |
| Rice milling . | 2044 |  | 06/84 | 92.4 | 94.7 | 96.3 | -6.5 | 1.7 |
| Primary products ........................................................................................ |  | 2044-P | 06/84 | 92.4 | 94.8 | 96.6 | -8.5 | 1.9 |
| Head rice ...................................................................................... |  | 2044-1 | 06/84 | 94.1 | 95.5 | 98.0 | -8.1 | 2.6 |
| Long grain milled rice .................................................................... |  |  | 06/84 | 95.9 | 96.6 | 100.0 | -13.1 | 3.5 |
| Packed in 100-pound bags or more ............................................... |  | 2044-101 | 06/84 | 87.8 | 88.7 | 93.7 | -19.0 | 5.6 |
| Packed in 3-pound containers or less ........................................... |  | $\begin{aligned} & 2044-10105 \\ & 2044-10107 \end{aligned}$ | 06/84 | $\begin{aligned} & 109.3 \\ & 104.8 \end{aligned}$ | $\begin{aligned} & 109.3 \\ & 105.1 \end{aligned}$ | 110.0 | -2.8 | .61.8 |
| Packed in all other containers ....................................................... |  |  | 06/84 |  |  | 107.0 | -7.2 |  |
| Medium grain milled rice |  | 2044-103 | 06/84 | 104.8 99.0 | 105.1 104.7 | 106.0 | -2.9 | 1.2 |
| Packed in 100-pound bags or more ................................................... |  | 2044-10303 | 06/84 | $\begin{array}{r} 92.0 \\ 111.3 \end{array}$ | $\begin{aligned} & 101.9 \\ & 110.1 \end{aligned}$ | 103.7111.2 | 2.2 | $\begin{aligned} & 1.8 \\ & 1.0 \end{aligned}$ |
| Packed in all other containers ............................................................ |  | 2044-10307 | 06/84 |  |  |  | -6.1 |  |
| Other milled rice and byproducts ....................................................... |  | 2044-22044-298 | $06 / 84$$06 / 84$ | 80.0 | 89.6 | 85.9 | -12.9 | $\begin{array}{r} -4.1 \\ 7.1 \end{array}$ |
| All other milled rice and byproducts ............................................... |  |  |  | 91.3 | 95.4 | 102.2 | -. 7 |  |
| Blended and prepared flour ......................................................................... | 2045 |  | 06/85 | 105.1 | 107.6 | 107.7 | 3.7 | . 1 |
| Primary products $\qquad$ Blended and prepared flour made chiefly from purchased flour |  | $\begin{aligned} & 2045-P \\ & 2045-5 \end{aligned}$ | 06/85 | 104.2 | 106.7 | 106.7 | 3.8 | 00 |
|  |  |  | 06/85 | 104.2 | 106.7 | 106.7 | 3.8 |  |
| Flour mixes ................................................................................... |  | $2045-5 A$ $06 / 85$ 103.3 106.1 106.1 3.9 0 <br> $2045-553$ $06 / 85$ 107.8 113.0 113.0 8.0 0 |  |  |  |  |  |  |
| Cake mixes, less than 5 Ibs. .................................................. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cake mixes, 5 lbs or more ........................................................ |  | $\begin{aligned} & 2045-554 \\ & 2045-561 \end{aligned}$ | 06/85 | 108.9 | 108.9 | 108.9 | 2.90 |  |
| Cookie, doughnut, other sweet yeast mixtures, less than $5 \mathrm{lbs} . . . . .$. |  |  | 06/85 | 102.6 | $\begin{array}{r} 102.9 \\ 99.3 \end{array}$ | $\begin{array}{r} 102.9 \\ 99.3 \end{array}$ | 6.2 |  |
| Cookie, doughnut, other sweet yeast mixtures, 5 lbs or more ........... |  | $\begin{aligned} & 2045-561 \\ & 2045-562 \end{aligned}$ | 06/85 | 99.3 |  |  | 6.5 | 0 |
| Bread and bread-type roll mixes, 5 lbs or more .............................. |  |  |  |  |  |  |  |  |
| Other prepared flour mixes, less than 5 lbs. ...................... |  | 2045-568 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | $\begin{array}{r} 109.5 \\ 80.0 \end{array}$ | $\begin{array}{r} 113.6 \\ 80.0 \end{array}$ | 113.680.0 | 3.9-16.9 | 0 |
| Other prepared flour mixes, 5 lbs or more ................................ |  | 2045-569 |  |  |  |  |  |  |
| Refrigerated doughs ................................................................ |  | 2045-58 | 06/85 | 108.0 | 109.4 | 109.4 | 3.5 | 0 |
| Refrigerated biscuit dough ..................................................... |  | 2045-571 | 06/85 | 108.3 | 108.7 | 108.7 | 3.6 | 0 |
| Other refrigerated doughs ........................................................... |  | 2045-579 | 06/85 | 107.2 | 107.2 | 107.2 | 0 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  |  |  |  |  |  |  |  |
| Miscellaneous receipts ..................................... |  | 2045-M | 06/85 | 111.8 | 111.8 | 113.9 | -. 5 | 1.9 |
| Resales ..................................................................... |  | 2045-789 | 06/85 | 111.8 | 111.8 | 113.9 | -. 5 | 1.9 |
| Secondary products ..................................................................... |  | 2045-S | 06/85 | 114.1 | 117.2 | 117.1 | 5.7 | -. 1 |
| Other secondary products .................................................................... |  | 2045-SSS | 06/85 | 117.7 | 122.7 | 122.7 | 7.3 | 0 |
| Food preparations, n.e.c. ................................................................ |  | 2099-S | 06/85 | 108.6 | 108.8 | 108.7 | 3.0 | -. 1 |
| Wet corn milling ................................................................................ | 2046 |  | 06/85 | 108.9 | 114.7 | 116.2 | 6.3 | 1.3 |
| Primary products .................................................................................. |  |  | 06/85 | 108.8 | $\begin{aligned} & 114.6 \\ & 121.1 \end{aligned}$ | 116.4123.7 | 6.8 | 1.62.1 |
| Corn sweeteners ......................................................................... ... |  | $\begin{aligned} & 2046-P \\ & 2046-1 \end{aligned}$ | 06/85 | 109.2 |  |  | 23.3 |  |
| Glucose syrup ......................................................................... .... |  | $2046-101$ $06 / 85$ 122.7 127.7 131.5 20.3 3.0 <br> $2046-10105$ $06 / 85$ 123.8 128.6 131.5 22.7 2.3 |  |  |  |  |  |  |
| Type III (58 up to 98 dextrose equivalent) ..................................... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High fructose corn syrup ............................................................... |  | $\begin{aligned} & 2046-105 \\ & 2046-3 \end{aligned}$ | 06/85 | 97.7 | 122.4 | 124.8 | 38.7 | 2.0 |
| Manufactured starch .......................................................................... |  |  | 06/85 | 108.8 | 114.8 | 115.5 | 18.0 | . 6 |
| Corn starch ............ |  | 2046-301 | 06/85 | 109.3 | 115.9 | 116.7 | 19.8 | . 7 |
| Other starch (including potato, wheat, rice, etc.) ................................ |  | 2046-303 | 06/85 | 109.5 | 112.1 | 112.8 | 5.6 | . 6 |
| Dextrin (corn, tapioca and other) ...................................................... |  | 2046-305 | 06/85 | 101.3 | 101.0 | 101.3 | 4.9 | . 3 |
| Corn oil ........................................................................................... |  | 2046-5 | 06/85 | 72.7 | 72.5 | 73.3 | -26.3 | 1.1 |
| Wet process corn byproducts ............................................................. |  | 2046.7 | 06/85 | 141.8 | 133.7 | 136.0 | -19.0 | 1.7 |
| Corn gluten feed ................................................................................. |  | $2046-701$ | 06/85 | 169.8 | 154.6 | 161.0 | -13.8 | 4.1 |
| Corn gluten meal ......................................................................... |  | 2046-703 | 06/85 | 176.2 | 166.9 | 165.9 | -20.5 | -. 6 |
| Secondary products and miscellaneous receipts ........................................... |  | 2046-SM |  |  |  |  |  |  |
| Secondary products .............................................................................. |  | 2046-S | 06/85 | 109.6 | 115.1 | 114.9 | 3.2 | -. 2 |
| Dog, cat, and other pet food ....................................................................... | 2047 |  | 12/85 | 114.8 | 113.7 | 114.2 | 2.7 | . 4 |
| Primary products ................................................................................ |  | 2047-P | 12/85 | 114.0 | 113.8 | 115.0 | 3.7 | 1.1 |
| Dog and cat food .............................................................................. |  | 2047-1 | 12/85 | 113.7 | 113.5 | 114.8 | 3.6 | 1.1 |
| Dog food ..................................................................................... |  | 2047-1A | 12/85 | 114.7 | 115.0 | 116.5 | 4.0 | 1.3 |
| Other canned dog food .............................................................. |  | 2047-123 | 12/85 | 109.6 | 111.3 | 112.7 | 7.3 | 1.3 |
| Dry dog food (package size under 25 pounds) ............................... |  | 2047-125 | 12/85 | 118.3 | 119.6 | 119.8 | 5.0 | . 2 |
| Dry dog food (package size 25 pounds or over) .............................. |  | 2047-127 | 12/85 | 119.2 | 118.6 | 121.3 | 3.7 | 2.3 |
| Semimoist dog food (package size over 1 pound) ............................ |  | 2047-133 | 12/85 | 111.6 | 111.6 | 111.6 | -. 5 | 0 |
| Cat food ..................................................................................... |  | 2047-18 | 12/85 | 111.2 | 109.5 | 109.9 | 2.8 | . 4 |
| Dry cat food (package size under 25 pounds) ................................. |  | 2047-153 | 12/85 | 122.2 | 118.4 | 118.5 | 1.2 | . 1 |
| Fresh and frozen horsemeat ........................................................... |  | 2047-1C | 12/85 | 103.6 | 103.6 | 106.9 | -. 6 | 3.2 |
| Other pet and specialty foods ....................................................................... |  | 2047-2 | 12/85 | 120.3 | 120.3 | 120.3 | 6.9 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  | 2047-SM |  |  |  |  |  |  |
| Secondary products |  | 2047-S | 12/85 | 119.2 | 109.7 | 103.7 | -6.8 | -5.5 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Prepared animal feeds, n.e.c. | 2048 |  | 12/80 | 101.9 | 96.1 | 98.1 | -6.8 | 2.1 |
| Primary products ............. |  | 2048-P | 12/80 | 101.8 | 95.7 | 97.9 | -6.8 | 2.3 |
| Poultry feeds, egg type, broiler and turkey ......................................... |  | 2048-1 | 12/80 | 95.7 | 88.7 | 94.1 | -4.7 | 6.1 |
| Starter-grower, complete ............................................................... |  | 2048-111 | 12/80 | 80.5 | 69.5 | 76.8 | -1.9 | 10.5 |
| Layer-breeder, complete .................................................................... |  | 2048-115 | 12/80 | 99.8 | 93.4 | 97.9 | -3.6 | 4.8 |
| Broiler, complete ............ |  | 2048-116 | 12/80 | 102.5 | 96.6 | 102.2 | -3.0 | 5.8 |
| Layer-breeder, supplements and concentrates ............................... |  | 2048-117 | 12/80 | 100.5 | 97.8 | 100.8 | -6.2 | 3.1 |
| Dairy cattle feeds, complete ................................................................... |  | 2048-2 | 12/80 | 100.9 | 91.7 | 89.2 | -13.3 | -2.7 |
| Dairy cattle feed, supplements and concentrates ................................. |  | 2048-3 | 12/80 | 102.9 | 97.4 | 99.8 | -9.7 | 2.5 |
| Swine feeds, complete ..................................................................... |  | 2048-4 | 12/80 | 106.7 | 101.7 | 103.9 | -10.0 | 2.2 |
| Swine feed, supplements and concentrates .................................. |  | 2048-5 | 12/80 | 112.1 | 107.0 | 111.6 | -9.1 | 4.3 |
| Beef cattle feeds, complete .................................... |  | 2048-6 | 12/80 | 117.0 | 115.0 | 113.9 | -6.3 | -1.0 |
| Beef cattle feed, supplements and concentrates .................................. |  | 2048-7 | 12/80 | 101.2 | 97.2 | 97.4 | -4.4 | . 2 |
| Other poultry and livestock feeds, including duck, geese, horse, mule, etc. |  | 2048-8 | 12/80 | 111.2 | 105.4 | 105.2 | -7.9 | -. 2 |
| Horse and mule, complete feed ....................................................... |  | 2048-816 | 12/80 | 124.1 | 116.8 | 116.5 | -7.8 | -3 |
| Other prepared animal feeds ......................................................................... |  | 2048-9 | 12/80 | 105.5 | 101.6 | 97.3 | 16.0 | -4.2 |
| Grain, ground, rolled, pulverized, chopped, or crimped, excluding cornmeal |  | 2048-911 | 12/80 | 57.3 | 57.0 | 56.4 | 2.0 | -1.1 |
| Secondary products and miscellaneous receipts .......................................... |  | 2048-SM |  |  |  |  |  |  |
| Miscellaneous receipts <br> Resales |  | 2048-M 2048-Z89 | $12 / 80$ $12 / 80$ | 101.8 101.4 | 97.3 97.0 | 95.0 94.7 | -10.1 -10.1 | -2.4 -2.4 |
| Secondary products ........................................................................... |  | 2048-S | 12/80 | 105.3 | 104.7 | 104.7 | 2.6 | 0 |
| Bakery products .................................................................................................. | 205 |  | 12/84 | 121.7 | 123.0 | 123.4 | 7.4 | . 3 |
| Bread, cake, and related products .............................................................. | 2051 |  | 06/80 | 151.6 | 153.4 | 153.8 | 8.2 | . 3 |
| Primary products .......... |  | 2051-P | 06/80 | 150.4 | 152.6 | 153.3 | 8.3 | . 5 |
| Bread ............................................................................................ |  | 2051-1 | 06/80 | 149.3 | 152.4 | 152.6 | 9.8 | . 1 |
| White bread ................................................................................. |  | 2051-1A | 06/80 | 148.7 | 151.6 | 152.1 | 9.8 | . 3 |
| White pan bread |  | 2051-111 | 06/80 | 147.2 | 150.1 | 150.5 | 9.3 | . 3 |
| White pan bread, Northeast ..................................................... |  | 2051-11101 | 06/80 | 157.8 | 159.7 | 161.1 | 9.7 | . 9 |
| White pan bread, North Central |  | 2051-11102 | 06/80 | 151.9 | 156.1 | 156.1 | 9.2 | 0 |
| White pan bread, South ........................................................ |  | 2051-11103 | 06/80 | 135.3 | 138.2 | 138.3 | 10.3 | 1 |
| White pan bread, West ............................................................. |  | 2051-11104 | 06/80 | 146.0 | 148.4 | 148.4 | 7.4 | 0 |
| White hearth bread ..................................................................... |  | 2051-113 | 06/80 | 162.8 | 165.1 | 166.4 | 12.7 | . 8 |
| Other bread .................................................................................. |  | 2051-1B | 06/80 | 151.1 | 154.8 | 154.4 | 10.0 | -. 3 |
| Dark wheat bread ....................................................................... |  | 2051-115 | 06/80 | 147.5 | 151.7 | 152.0 | 11.3 | . 2 |
| Pye bread ............ |  | 2051-117 | 06/80 | 159.5 | 164.5 | 161.5 | 12.9 | -1.8 |
| Other variety bread .................................................................... |  | 2051-128 | 06/80 | 155.5 | 156.9 | 156.9 | 4.5 | 0 |
| Bread type rolls, stuffing, and crumbs .......................................................... |  | 2051-2 | 06/80 | 144.6 | 147.5 | 147.9 | 8.5 | . 3 |
| Bread type rolls ............................................................................ |  | 2051-23 | 06/80 | 145.4 | 148.5 | 148.9 | 9.2 | . 3 |
| Hamburger and weiner rolls .......................................................... |  | 2051-233 | 06/80 | 143.4 | 147.2 | 147.7 | 8.0 | 3 |
| Brown and serve rolls ................................................................. |  | 2051-235 | 06/80 | 146.6 | 149.3 | 149.3 | ${ }^{(3)}$ | 0 |
| Other bread type rolls ................................................................. |  | 2051-239 | 06/80 | 147.1 | 149.2 | 150.1 | 12.5 | . 6 |
| Sweet yeast goods ........................................................................... |  | 2051-3 | 06/80 | 142.9 | 144.5 | 144.6 | 6.5 | . 1 |
| Other sweet yeast goods ............................................................... |  | 2051-398 | 06/80 | 141.0 | 142.6 | 142.8 | 5.8 | . 1 |
| Soft cakes ....................................................................................... |  | 2051-4 | 06/80 | 167.1 | 166.9 | 169.7 | 5.2 | 1.7 |
| Snack cakes |  | 2051-413 | 06/80 | 172.6 | 173.7 | 175.8 | 6.6 | 1.2 |
| Other soft cakes ......................................................................... |  | 2051-418 | 06/80 | 155.6 | 152.7 | 156.8 | 1.9 | 2.7 |
| Pies |  | 2051-5 | 06/80 | 171.9 | 169.2 | 169.0 | 5.8 | -. 1 |
| Snack pies ............................................................................. |  | 2051-513 | 06/80 | 180.6 | 181.6 | 181.6 | 7.4 | 0 |
| Other pies .................................................................................... |  | 2051-519 | 06/80 | 160.6 | 153.2 | 152.6 | 3.2 | -. 4 |
| Cake type doughnuts .................................................................................... |  | 2051.7 | 06/80 | 136.8 | 138.6 | 140.1 | 6.1 | 1.1 |
| Secondary products and miscellaneous receipts ..................................... |  | 2051-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................................. |  | 2051-M | 06/80 | 160.4 | 159.2 | 159.1 | 7.1 | -. 1 |
| Resales ........................................................................................ |  | 2051-Z99 | 06/86 | 129.5 | 128.5 | 128.5 | 7.2 | 0 |
| Secondary products ........................................................................................ |  | 2051-S | 06/80 | 132.5 | 133.5 | 136.2 | 4.4 | 2.0 |
| Other secondary products ......................................................................... |  | 2051-SSS | 06/80 | 137.3 | 139.7 | 140.6 | 5.9 | . 6 |
| Cookies and crackers ............................................................................... |  | 2052-S | 06/80 | 129.0 | 129.0 | 133.2 | 3.2 | 3.3 |
| Cookies and crackers ...................................................................................... | 2052 |  | 06/83 | 132.1 | 133.2 | 133.6 | 5.6 | . 3 |
| Primary products ................................................................................ |  | 2052-P | 06/83 | 134.0 | 135.2 | 135.5 | 5.8 | . 2 |
| Crackers, cracker sandwiches, and pretzels ........................................ |  | 2052-1 | 06/83 | 142.8 | 144.3 | 144.7 | 6.2 | . 3 |
| Crackers ...................................................................................... |  | 2052-1A | 06/83 | 147.5 | 149.3 | 149.8 | 7.0 | . 3 |
| Graham crackers ......................................................................... |  | 2052-123 | 06/83 | 127.1 | 127.1 | 132.4 | 7.7 | 4.2 |
| Saltines ..................................................................................... |  | 2052-125 | 06/83 | 138.2 | 139.7 | 139.8 | 7.8 | . 1 |
| Other crackers |  | 2052-198 | 06/83 | 155.5 | 157.8 | 157.7 | 6.6 | -. 1 |
| Cracker sandwiches |  | 2052-135 | 06/83 | 108.2 | 108.2 | 108.2 | 0 | 0 |
| Pretzels ............................................................................... |  | 2052-151 | 06/83 | 118.2 | 118.3 | 118.3 | 1.5 | 0 |
| Cookies and ice cream cones ........................................................... |  | 2052-2 | 06/83 | 127.3 | 128.2 | 128.4 | 5.3 | . 2 |
| Cookies .................................................................................. |  | 2052-2A | 06/83 | 126.7 | 127.3 | 127.6 | 5.1 | . 2 |
| Sandwich cookies |  | 2052-213 | 06/83 | 135.6 | 137.3 | 138.0 | 5.7 | . 5 |
| Marshmallow cookies ....................................................................... |  | 2052-215 | 06/83 | 120.9 | ${ }^{3}$ ) | 121.6 | 11.2 | ${ }^{(3)}$ |
| All other cookies and wafers .................................................. |  | 2052-237 | 06/83 | 123.5 | 123.5 | 123.5 | 4.5 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 2052-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2052-M | 06/83 | 121.3 | 121.1 | 121.3 | 6.6 | . 2 |
| Resales ...................................................................................... |  | 2052-789 | 06/83 | 121.3 | 121.1 | 121.3 | 6.6 | . 2 |
| Secondary products ........................................................................ |  | 2052-S | 06/83 | 111.4 | 111.4 | 114.3 | 3.3 | 2.6 |
| Other secondary products .............................................................. |  | 2052-SSS | 06/83 | 111.4 | 111.4 | 117.4 | 7.2 | 5.4 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product' | Industry code | Product code | $\begin{aligned} & \text { Index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Sugar and confectionery products ............................................................... | 2062061 | 2061-P 2061-1 2061-2 2061-265 | 12/84 | 109.8 | 110.2 | 110.5 | 4.1 | 0.3 |
| Raw cane sugar mills |  |  | 06/82 | 110.4 | 111.9 | 114.9 | -1.8 | 2.7 |
| Primary products ...................................................................................... |  |  | 06/82 | 110.4 | 111.9 | 114.9 | -1.8 | 2.7 |
| Raw cane sugar ...................................................................... |  |  | 06/82 | 109.4 | 112.4 | 115.3 | . 3 | 2.6 |
| Byproducts and other products ........................................................ |  |  | 06/82 | 117.2 | 109.0 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(9)}$ |
| Molasses and syrup .................................................................... |  |  | 06/82 | 117.2 | 109.0 | ${ }^{(3)}$ | (3) | ( ${ }^{3}$ ) |
| Cane sugar refining .. | 2062 | 2062-P | 06/82 | 117.4 | 118.3 | 119.1 | 9.9 | . 7 |
| Primary products ........................................................................................... |  |  | 06/82 | 117.4 | 118.3 | 119.1 | 9.9 | . 7 |
| Refined cane sugar .................................................................. |  | 2062-1 | 06/82 | 117.4 | 118.3 | 119.1 | 9.9 | . 7 |
| Granulated cane sugar ............................................................... |  | 2062-1A | 06/82 | 118.2 | 119.8 | 122.2 | 7.9 | 2.0 |
| Consumer units ................................................................................ |  | 2062-112 | 06/82 | 119.5 | 119.2 | 121.5 | 10.1 | 1.9 |
| Commercial units ....................................................................... |  | 2062-114 | 06/82 | 117.3 | 120.3 | 122.5 | 7.6 | 1.8 |
| Beet sugar processing ......................................................................................... | 2063 | 2000 | 06/82 | 120.7 | 121.1 | 121.4 | $\begin{aligned} & 11.2 \\ & 11.2 \end{aligned}$ | . 2 |
| Primary products ............................................................................... |  | 2063-P | 06/82 | 120.9 | 121.2 | 121.6 |  |  |
| Beet sugar ................................................................................... |  | 2063-1 | 06/82 | 121.1 | 121.6 | 122.1 | 11.4 | 4 |
| Granulated beet sugar ................................................................. |  | 2063-1X | 06/82 | 120.2 | 120.6 | 121.1 | 11.2 | . 4 |
|  |  | 2063-107 | 10/82 | 116.3 | 117.6 | 116.1 | 15.8 | -1.3 |
| Bulk shipments ................................................................................................................ |  | 2063-115 | 06/82 | 111.7 | 111.4 | 112.1 | 8.6 | . 6 |
| Liquid sugar or syrup .................................................................... |  | 2063-15 | 06/82 | 125.2 | 127.2 | 127.2 | 12.8 | 0 |
| Sucrose type ............................................................................ |  | 2063-151 | 10/82 | 110.4 | 114.5 | 114.5 | 21.2 | 0 |
| Other products and byproducts ........................................................ |  | 2063-2 | 06/82 | 118.8 | 117.4 | 117.4 | 9.5 | 0 |
| Confectionery products .......................................................................................... | 2065 | 2065-P | 06/83 | 119.4 | 120.0 | 120.3 | 2.6 | . 3 |
| Primary products ......................................................................................... |  |  | 06/83 | 120.2 | 121.0 | 121.4 | 2.5 | . 3 |
| Chocolate and chocolate-type confectionery products $\qquad$ Chocolate and chocolate-type confectionery products $\qquad$ |  | 2065-2 <br> 2065-211 |  | 117.7 | 117.8 | 117.9 | . 4 | . 1 |
| Nonchocolate-type confectionery products ......................................... |  | 2065-3 |  |  |  |  |  |  |
| Nonchocolate-type confectionery products ........ |  | 2065-311 | 06/83 | 118.8 | 121.1 | 122.1 | 4.7 | . 8 |
| Confectionery products, n.e.c. ........................... |  | 2065-8 | 06/83 | 126.4 | 126.5 | 127.0 | 3.6 | . 4 |
| Secondary products and miscellaneous receipts ........................................ |  | 2065-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................... |  | 2065-M | 06/83 | 118.6 | 118.6 | 118.6 | 8.2 | 0 |
| Resales ............................................................................... |  | 2065-289 | 06/83 | 118.6 | 118.6 | 118.6 | 8.2 | 0 |
| Secondary products .......................................................................... |  | 2065-S | 06/83 | 107.3 | 105.5 | 105.5 | -1.7 | 0 |
| Chocolate and cocoa products ........................................................... | 2066 | 2066-P | 06/83 | $\begin{aligned} & 110.3 \\ & 110.4 \end{aligned}$ | $\begin{aligned} & 108.1 \\ & 107.9 \end{aligned}$ | 107.4 | -.3-.7 | -.6-.7 |
| Primary products ......................................................................... |  |  | 06/83 |  |  | 107.1 |  |  |
| Chocolate coatings .................................................................... |  | 2066-1 | 06/83 | 103.4 | 94.4 | 95.1 | -6.9 | . 7 |
| Sweet chocolate coatings |  | 2066-112 | 06/83 | 90.5 | 78.0 | 80.5 | $-11.3$ | 3.2 |
| Milk chocolate coatings... |  | 2066-122 06/83 |  | 96.4 | 91.4 | 90.7 | -3.9 | -. 8 |
| Chocolate and chocolate-type confectionery products ........................... |  | 2066-2 |  |  | 116.9 | 115.4 | -3.8 | -1.3 |
|  |  | 2066-211 | 06/83 06/83 | $\begin{aligned} & 116.5 \\ & 108.8 \end{aligned}$ | 107.1 |  | 5.4-2.4 |  |
| Other chocolate and cocoa products Chocolate, sweetened |  | $\begin{aligned} & \text { 2066-8 } \\ & \text { 2066-821 } \\ & \text { 2066-SM } \end{aligned}$ | 06/83 | $\begin{array}{r} 108.8 \\ 98.5 \end{array}$ | $\begin{array}{r} 107.1 \\ 94.8 \end{array}$ | 106.2 95.6 |  | $\begin{array}{r} -.8 \\ .8 \end{array}$ |
|  |  | $\begin{aligned} & \text { 2066-SM } \\ & 2066-\mathrm{S} \end{aligned}$ | 06/83 | 103.6 | 103.6 | $\left({ }^{3}\right)$ | (3) | $\left({ }^{3}\right)$ |
| Secondary products .......... |  |  |  |  |  |  |  |  |
| Chewing gum and gum base ..................................................................... | 2067 |  | 12/84 | 123.4 | 126.2 | 126.5 | 2.6 | . 2 |
| Primary products ................................................................................ |  | $\begin{aligned} & 2067-P \\ & 2067-1 \end{aligned}$ | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ | 123.5 | 126.4128.4 | 126.9128.8128.8 | 2.8 | .3.3. |
| Chewing gum ............................................................................................ |  |  |  |  |  |  | 2.92.9 |  |
| Nondietetic chewing gum ............................................................... |  | 2067-112 | 12/84 | $\begin{aligned} & 125.2 \\ & 125.2 \end{aligned}$ | 128.4 |  |  |  |
| Fats and oils ........................................................................................ | 207 |  | 12/84 | 110.0 | 105.2 | 106.7 | -14.3 | 1.4 |
| Cottonseed oil mill products ......... | 2074 |  | 06/85 | 114.9 | 109.4 | $\begin{aligned} & 110.4 \\ & 108.5 \end{aligned}$ | -21.1 | . 9 |
| Primary products ........................................................................ |  | 2074-P | 06/85 | 110.9 | 109.8 |  | -21.6 | -1.2 |
| Cottonseed oil, crude ...................................................................... |  | 2074-1 | 06/85 | $\begin{aligned} & 67.3 \\ & 67.3 \end{aligned}$ | 67.767.7 | 68.768.7 | -24.6 | 1.51.5 |
| Cottonseed oil, crude .................................................................. |  | $\begin{aligned} & \text { 2074-111 } \\ & 2074-2 \end{aligned}$ |  |  |  |  |  |  |
| Cottonseed oil, once refined ............................................................ |  |  | 06/85 | $\begin{aligned} & 67.3 \\ & 64.4 \end{aligned}$ | 66.9 | 64.3 | -20.8 | -3.9 |
| Cottonseed oil, once refined ......................................................... |  | 2074-211 | 06/85 06/85 | 64.4139.6 | 66.9 | 64.3 | -20.8 | -3.9 |
| Cotton linters ................................................................................ |  | 2074-3 |  |  | 149.7 | 149.7 | 8.8 | 0 |
| Cotton linters ............................................................................................. |  | 2074-311 | 06/85 | 139.6 139.6 | 149.7 | 149.7 | 8.8 | 0 |
| Cottonseed cake, meal, and other byproducts .................................... |  | 2074-4 | 06/85 | 190.8212.1 | 182.4 | 179.9 | -24.3 | -1.4 |
| Cottonseed cake and meal .......................................................... |  | 2074-414 |  |  | 180.0 | 183.4 | -26.9 | 1.9 |
| Cottonseed hulls ........................................................................................................................ |  | 2074-451 | 06/85 | 108.6 | 208.8 | 178.3 | -14.8 | -14.6 |
| Soybean oil mill products ............................................................................. | 2075 |  | 12/79 | 101.3 | 93.5 | 95.0 | -21.0 | 1.6 |
| Primary products .............................................................................................................. |  | 2075-P | 12/79 | 101.1 | 93.0 | 94.9 | -19.8 | 2.0 |
|  |  | 2075-1 |  |  |  |  |  |  |
| Crude soybean oil .................................................................................... |  | 2075-11 | 12/79 | 76.4 | 70.6 | 68.4 | -33.9 | -3.1 |
| Soybean oil, crude, not degummed .............................................. |  | 2075-115 | 12/79 | 80.6 | 75.2 | 72.8 | -33.8 | -3.2 |
| Soybean cake, meal, and other byproducts ......................................... |  | 2075-2 | 12/79 | 114.8 | 105.4 | 109.9 | -12.7 | 4.3 |
| Soybean byproducts, meal ............................................................................................ |  | 2075-211 | 12/79 | 114.8 | 105.6 | 110.3 | -12.8 | 4.5 |
| Vegetable oil mills, n.e.c. .......................................................................................... | 2076 |  | 12/85 | 126.1 | 132.3 | 128.9 | -8.3 | -2.6 |
| Primary products .............................................................................. |  | 2076-P | 12/85 | 128.1 | 127.3 | 123.9 | $-5.3$ | -2.7 |
| Vegetable oils, other than corn, cottonseed, soybean, and linseed ......... |  | 2076-2 | 12/85 | 101.9 | 108.4 | 107.9 | -12.2 | -. 5 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Animal and marine fats and oils | 2077 |  | 12/82 | 128.2 | 124.6 | 124.8 | -19.5 | 0.2 |
| Primary products ........................................................................................................... |  | 2077-P | 12/82 | 119.5 | 116.4 | 116.6 | -21.7 | . 2 |
| Grease and inedible tallow .................................................................................. |  | 2077-1 | 12/82 | 107.9 | 107.1 | 101.1 | -22.8 | -5.6 |
| Inedible tallow, including inedible animal stearin ...................................................... |  | 2077-111 | 12/82 | 106.7 | 106.9 | 100.7 | -23.0 | -5.8 |
| Inedible beef tallow ...................................................................................... |  | 2077-11111 | 12/82 | 106.9 | 104.7 | 98.4 | -24.7 | -6.0 |
| Other inedible tallow and inedible animal stearin ............................ |  | 2077-11113 | 12/82 | 106.2 | 111.8 | 105.7 | -19.2 | -5.5 |
| Grease, other than wool grease ..................................................... |  | 2077-113 | 12/82 | 115.0 | 108.2 | 103.1 | -21.7 | -4.7 |
| Feed and fertilizer by-products .......................................................... |  | 2077-2 | 12/82 | 129.4 | 125.8 | 133.4 | -17.7 | 6.0 |
| Meat/bone meal ........................................................................... |  | 2077-211 | 12/82 | 125.8 | 120.1 | 126.3 | -20.8 | 5.2 |
| Meat meal and meat and bone meal ............................................ |  | 2077-21111 | 12/82 | 124.2 | 118.5 | 124.6 | -20.8 | 5.1 |
| Dry rendered tankage .................................................................... |  | 2077-212 | 12/82 | 119.1 | 118.6 | 125.9 | -15.5 | 6.2 |
| Feather meal ............................................................................... |  | 2077-237 | 12/82 | 133.3 | 103.4 | 108.9 | -21.9 | 5.3 |
| Animal and marine oil mill products, including foots .............................. |  | 2077-3 | 12/82 | 127.3 | 118.4 | 115.7 | -31.0 | -2.3 |
| Fish and marine animal oil ............................................................. |  | 2077-361 | 12/82 | 140.0 | 134.0 | 121.4 | -32.9 | -9.4 |
| Fish scrap and meal ................................................................. |  | 2077-366 | 12/82 | ${ }^{3}$ ) | 116.2 | 116.5 | -33.4 | . 3 |
|  |  | 2077-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2077-M | 12/82 | 105.3 | 100.8 | 103.5 | -1.6 | 2.7 |
| Shortening and cooking oils | 2079 |  | 12/81 | 119.5 | 119.3 | 119.8 | -5.2 | . 4 |
| Primary products ........... |  | 2079-P | 12/81 | 119.5 | 118.6 | 119.0 | -7.2 | 3 |
| Shortening and cooking oils |  | 2079-1 | 12/81 | 118.5 | 117.6 | 118.0 | -8.6 | . 3 |
| Baking or frying fats (shortening), 100\% vegetable oil ........................ |  | 2079-113 | 12/81 | 131.0 | 126.5 | 127.6 | -15.3 | . 9 |
| Commercial sizes, over 3 lbs. ..................................................... |  | 2079-11303 | 12/81 | 131.9 | 125.4 | 127.1 | -20.0 | 1.4 |
| Baking or frying fats (shortening), $\mathbf{1 0 0 \%}$ animal fats or blends of vegetable and animal fats $\qquad$ |  | 2079-115 | 12/81 | 103.6 | 103.4 | 103.4 | -8.8 | 0 |
| Consumer sizes, 3 lbs. or less ............................................................. |  | 2079-11505 | 12/81 | 87.7 | 90.8 | 90.1 | -5.1 | -. 8 |
| Commercial sizes, over 3 Ibs. ...................................................... |  | 2079-11507 | 12/81 | 107.1 | 106.1 | (3) | (3) | (3) |
| Hydrogenated oils other than baking or frying fats .............................. |  | 2079-142 | 12/81 | 114.5 | 113.2 | 113.3 | -1.6 | . 1 |
| Salad or cooking oils, other soybean oil .......................................... |  | 2079-152 | 12/81 | 111.3 | 106.5 | 106.9 | -22.3 | . 4 |
| Salad or cooking oils, vegetable oil blends .............. |  | 2079-154 | 12/81 | 112.8 | 112.7 | 112.8 | $\left.{ }^{3}\right)$ | . 1 |
| All other salad or cooking oils ........................................................ |  | 2079-159 | 12/81 | 123.3 | 123.7 | 123.4 | 7.1 | -. 2 |
| Margarine .......................................................................................... |  | 2079-2 | 12/81 | 122.2 | 121.1 | 121.6 | -3.9 | . 4 |
| Secondary products and miscellaneous receipts $\qquad$ Secondary products $\qquad$ |  | $\begin{aligned} & \text { 2079-SM } \\ & 2079-S \end{aligned}$ | 12/81 | 131.5 | 128.1 | 131.4 | -2.4 | 2.6 |
|  |  |  |  |  |  |  |  |  |
| Beverages ..................................................................................................... | 208 |  | 12/84 | 108.6 | 109.5 | 109.7 | 4.2 | . 2 |
| Malt beverages | 2082 |  | 06/82 | 116.1 | 117.5 | 117.1 | 3.4 | -. 3 |
| Primary products |  | 2082-P | 06/82 | 116.1 | 117.5 | 117.1 | 3.4 | -. 3 |
| Canned beer .............................................................................. |  | 2082-1 | 06/82 | 118.6 | 120.4 | 119.7 | 3.2 | -. 6 |
| Light beer in cans |  | 2082-111 | 06/82 | 107.6 | 107.6 | 107.6 | -. 2 | 0 |
| Regular beer in cans ..................................................................... |  | 2082-112 | 06/82 | 120.2 | 122.1 | 121.3 | 3.6 | -. 7 |
| Bottled beer .................................................................................... |  | 2082-2 | 06/82 | 112.8 | 114.5 | 114.5 | 4.3 | 0 |
| Returnable bottles |  | 2082-211 |  |  |  |  |  |  |
| Regular beer in returnable bottles ................................................. |  | 2082-21112 | 06/82 | 105.0 | 107.3 | 107.3 | 4.5 | 0 |
| Nonreturnable bottes .................................................................... |  | 2082-221 | 06/82 | 120.7 | 121.8 | 121.8 | 4.0 | 0 |
| Light beer in nonreturnable bottles |  | 2082-22111 | 06/82 | 123.5 | 123.5 | 123.5 | 3.8 | 0 |
| Regular beer in nonreturnable bottles |  | 2082-22112 | 06/82 | 120.4 | 121.6 | 121.6 | 4.1 | 0 |
| Barrels and kegs ....................................................................................... |  | 2082-3 |  |  |  |  |  | 0 |
|  |  | 2082-312 2082-4 |  | 124.7 | 123.2 |  | 2.2 3.2 | 0 |
| Other fermented malt beverages and byproducts <br> Malt liquor |  | 2082-4 | 06/82 | 102.7 106.7 | 103.0 106.7 | 103.0 106.7 | 3.2 3.3 | 0 |
| Malt and malt byproducts ........................................................................... | 2083 |  | 06/85 | 135.8 | 135.9 | 119.8 | 17.9 | -11.8 |
| Primary products .............................................................................................. |  | 2083-P | 06/85 | 135.8 | 135.9 | 119.8 | 17.9 | -11.8 |
| Malt and malt byproducts ................. |  | 2083-1 | 06/85 | 135.8 | 135.9 | 119.8 | 17.9 | -11.8 |
| Malt and malt byproducts ........................................................... |  | 2083-121 | 06/85 | 135.8 | 135.9 | 119.8 | 17.9 | -11.8 |
| Wines, brandy and brandy spirits | 2084 |  | 12/83 | 107.6 | 109.6 | 108.9 | 4.9 | -. 6 |
| Primary products |  | 2084-P | 12/83 | 108.3 | 109.9 | 109.2 | 5.6 | -. 6 |
| Grape table wines ........................................................................... |  | 2084-1 | 12/83 | 106.4 | 105.9 | 106.6 | 3.3 | . 7 |
| White wines .................................................................................. |  | 2084-112 | 12/83 | 103.3 | 101.3 | 104.4 | 6.2 | 3.1 |
| White varietal wines .................................................................... |  | 2084-11211 | 12/83 | 116.2 | 115.1 | 112.1 | 2.8 | -2.6 |
| White generic, semi-generic, and proprietary wines .......................... |  | 2084-11221 | 12/83 | 99.3 | 97.0 | 102.0 | 7.5 | 5.2 |
| Red wines .................................................................................... |  | 2084-114 | 12/83 | 112.0 | 113.2 | 111.4 | . 1 | -1.6 |
| Red varietal wines ...................................................................... |  | 2084-11411 | 12/83 | 144.0 | 149.0 | 143.4 | 10.8 | -3.8 |
| Red generic, semi-generic, and proprietary wines ........................... |  | 2084-11421 | 12/83 | 102.1 | 102.1 | 101.5 | -4.0 | -. 6 |
| Rose wines .................................................................................. |  | 2084-116 | 12/83 | 102.6 | 102.6 | 102.6 | 3.6 | 0 |
| Rose generic, semi-generic, and proprietary wines .......................... |  | 2084-11621 | 12/83 | 98.1 | 98.1 | 98.1 | 2.5 | 0 |
| Other fruit and berry wines ................................................................. |  | 2084-3 | 12/83 | 108.0 | 108.0 | 108.0 | 0 | 0 |
| Other fruit and berry wines .............................................................. |  | 2084-311 | 12/83 | 108.0 | 108.0 | 108.0 | 0 | 0 |
| Dessert wines .................................................................................. |  | 2084-4 | 12/83 | 102.6 | 102.9 | 100.3 | -2.3 | -2.5 |
| Dessert wines ............................................................................... |  | 2084-411 | 12/83 | 102.6 | 102.9 | 100.3 | -2.3 | -2.5 |
| Sparkling wines, natural and carionated .............................................. |  | 2084-5 | 12/83 | 98.4 | 107.7 | 100.2 | -6.7 | -7.0 |
| Sparkling wines, natural and carbonated ......................................... |  | 2084-511 | 12/83 | 98.4 | 107.7 | 100.2 | -6.7 | -7.0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2084-SM |  |  |  |  |  |  |
| Secondary products ..................................................................................... |  | 2084-S | 12/83 | 117.6 | 127.3 | 127.3 | 11.4 | 0 |
| Distilled liquor, except brandy ................................................................... | 2085 |  | 06/83 | 111.4 | 113.9 | 116.1 | 8.5 | 1.9 |
|  |  | 2085-P | 06/83 | 110.8 | 113.6 | 115.8 | 9.5 | 1.9 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Distilled liquor, except brandy-Continued | 2086 |  |  |  |  |  |  |  |
| Bottled liquor, except brandy ........... |  | 2085-3 | 06/83 | 111.8 | 114.5 | 116.8 | 8.4 | 2.0 |
| Blends of whiskey .............. |  | 2085-312 | 06/83 | 116.9 | 116.9 | 116.9 | 5.5 | 0 |
| Whiskey blended with neutral spirits ........................................... |  | 2085-315 | 06/83 | 105.2 | 105.4 | 105.2 | 5.4 | -. 2 |
| Rectified gin ................................................................................. |  | 2085-321 | 06/83 | 102.4 | $\left({ }^{3}\right)$ | 102.4 | 0 | ${ }^{(3)}$ |
| Cordials, liqueurs ........................................................................................................................ |  | 2085-325 | 06/83 | 114.8 | 114.8 | 114.8 | 3.4 | 0 |
| Rectified vodka ............................................................................. |  | 2085-333 | 06/83 | 108.3 | ${ }^{(3)}$ | 108.6 | 5.2 | ${ }^{(3)}$ |
| Unrectified whiskey ..... |  | 2085-351 | 06/83 | 112.1 | 118.5 | 122.1 | 13.0 | 3.0 |
| Unrectified gin ............................................................................... |  | 2085-355 | 06/83 | 119.8 | 120.2 | 123.3 | 7.8 | 2.6 |
| Unrectified vodka .......................................................................... |  | 2085-357 | 06/83 | 108.0 | 106.7 | 109.3 | 4.0 | 2.4 |
| Secondary products and miscellaneous receipts .................................. |  | 2085-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2085-M | 08/83 | 107.1 | 108.2 | 111.3 | 5.3 | 2.9 |
| Resales ....................................................................................... |  | 2085-Z89 | 08/83 | 107.5 | 108.5 | 111.6 | 5.3 | 2.9 |
| Secondary products .......................................................................... |  | 2085-S | 06/83 | 107.4 | 107.6 | 107.6 | 3.9 | 0 |
| Bottled and canned soft drinks |  |  | 06/81 | 121.9 | 122.3 | 122.5 | 3.2 | 2 |
| Primary products ................................................................................ |  | 2086-P | 06/81 | 122.8 | 122.9 | 123.0 | 3.9 | . 1 |
| Bottled and canned soft drinks ......................................................... |  | 2086-1 | 06/89 | ${ }^{3}$ ) | 100.0 | 100.2 | ${ }^{(3)}$ | . 2 |
| Canned carbonated soft drinks in 10 and 1202 cans ........................ |  | 2086-11 | 06/89 | ${ }^{3}$ ) | 100.0 | 99.7 | $\left.{ }^{3}\right)$ | -. 3 |
| Nondietetics ............................................................................. |  | 2086-111 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | (3) | 0 |
| Cola ..................................................................................... |  | 2086-11151 | 06/89 | ${ }^{(3)}$ | 100.0 | 99.7 | $\left({ }^{3}\right)$ | -. 3 |
| Lemon, lime and lemon-lime ................................................... |  | 2086-11153 | 06/89 | (3) | 100.0 | 99.0 | $\left.{ }^{3}\right)$ | -1.0 |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-11157 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Low calorie ................................................................................ |  | 2086-112 | 06/89 | ${ }^{(3)}$ | 100.0 | 98.8 | ${ }^{3}{ }^{3}$ | -1.2 |
| Cola |  | 2086-11258 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 97.9 | ${ }^{(3)}$ | -2.1 |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-11259 | 06/89 | ${ }^{(3)}$ | 100.0 | 99.9 | ${ }^{(3)}$ | -. 1 |
| 10 to 12 oz bottled carbonated soft drinks ....................................... |  | 2086-13 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.4 | (3) | . 4 |
| Nondietetics .................................. |  | 2086-131 | 06/89 | ${ }^{3}$ ) | 100.0 | 100.4 | ${ }^{(3)}$ | . 4 |
| Cola |  | 2086-13111 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.1 | (3) | . 1 |
| 16 oz bottled carbonated soft drinks ......................................... |  | 2086-14 | 06/89 | ${ }^{(3)}$ | 100.0 | 101.1 | $\left({ }^{3}\right)$ | 1.1 |
| Nondietetic ............................................................................... |  | 2086-141 | 06/89 | ${ }^{(3)}$ | 100.0 | 101.5 | $\left.{ }^{3}\right)$ | 1.5 |
| Cola ..................................................................................... |  | 2086-14121 | 06/89 | ${ }^{(3)}$ | 100.0 | 101.9 | ${ }^{(3)}$ | 1.9 |
| Lemon, lime and lemon lime .................................................. |  | 2086-14123 | 06/89 | ${ }^{(3)}$ | 100.0 | 98.2 | ${ }^{(3)}$ | $-1.8$ |
| Root beer, sarsaparilla and ginger ale ................................... |  | 2086-14124 | 06/89 | (3) | ${ }^{3}$ ) | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-14127 | 06/89 | ${ }^{(3)}$ | 100.0 | 99.2 | ${ }^{(3)}$ | -. 8 |
|  |  | 2086-142 | 06/89 | (3) | 100.0 | 99.1 | (3) | -. 9 |
| Cola .. |  | 2086-14228 | 06/89 | (3) | 100.0 | 98.6 | (3) | -1.4 |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-14229 | 06/89 | ${ }^{3}$ ) | ${ }^{3}$ ) | $\left.(3)^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| All other size bottied carbonated soft drinks ..................................... |  | 2086-16 | 06/89 | ${ }^{3}$ ) | 100.0 | 100.0 | ${ }^{(3)}$ | - |
| Nondietetics ............................................................................... |  | 2086-161 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 99.1 | (3) | -. 9 |
| Cola ...................................................................................... |  | 2086-16142 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 99.6 | $\left.{ }^{3}\right)$ | -. 4 |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-16144 | 06/89 | ${ }^{3}$ ) | 100.0 | 98.0 | $\left({ }^{3}\right)$ | -2.0 |
| Low Calorie ................................................................................ |  | 2086-162 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 104.2 | (3) | 4.2 |
| Cola .................................................................................... |  | 2086-16245 | 06/89 | (3) | 100.0 | 99.6 | (3) | -. 4 |
| Other carbonated flavors including carbonated water and club soda $\qquad$ |  | 2086-16247 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 111.1 | (3) | 11.1 |
|  |  | 2086-171 | 06/89 | (3) | 100.0 | 100.6 | (3) | . 6 |
| Soft drinks sold in bulk .................................................................... |  | 2086-4 | 06/89 | (3) | 100.0 | 98.1 | (3) | -1.9 |
| Cola ........................................................................................... |  | 2086-411 | 06/89 | ${ }^{(3)}$ | 100.0 | 96.7 | $\left.{ }^{3}\right)$ | -3.3 |
| Other flavors ................................................................................ |  | 2086-421 | 06/89 | (3) | 100.0 | 100.9 | (3) | . 9 |
| Secondary products and miscellaneous receipts .......................................... |  | 2086-SM |  |  |  |  |  |  |
| Miscellaneous receipts ......................................................................... |  | 2086-M | 06/81 | 118.2 | 119.7 | 120.9 | . 3 | 1.0 |
| Resales ................................................................................. |  | 2086-Z89 | 06/81 | 119.4 | 120.8 | 122.1 | . 4 | 1.1 |
| Secondary products ............................................................................ |  | 2086-S | 06/81 | 115.4 | 115.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Flavoring extracts and sirups, n.e.c. ............................................................ | 2087 |  | 12/85 | 111.2 | 111.8 | 111.9 | 6.5 | . 1 |
| Primary products ................................................................................ |  | 2087-P | 12/85 | 112.1 | 113.0 | 113.1 | 7.2 | . 1 |
| Flavoring extracts, emulsions and other liquid flavors ............................ |  | 2087-1 | 12/85 | 101.8 | 101.8 | 102.9 | 1.9 | 1.1 |
| Natural extracts in containers of more than 8 ounces ........................ |  | 2087-115 | 12/85 | 102.2 | 102.2 | 104.6 | 2.3 | 2.3 |
| Imitation extracts ........................................................................... |  | 2087-153 | 12/85 | 102.1 | 102.1 | 102.1 | 2.1 | 0 |
| Liquid beverage bases, not for use by soft drink bottlers ....................... |  | 2087.2 | 12/85 | 108.9 | 108.9 | 109.1 | 2.2 | . 2 |
| Cocktail mixes ............................................................................... |  | 2087-215 | 12/85 | 111.5 | 111.5 | 111.5 | 3.7 | 0 |
| Other flavors ................................................................................ |  | 2087-225 | 12/85 | 108.6 | 108.6 | 108.8 | 2.0 | . 2 |
| Liquid beverage bases, for use by soft drink bottlers ............................ |  | 2087-3 | 12/85 | 120.3 | 121.6 | 121.6 | 12.2 | 0 |
| Other liquid beverage bases containing kola extract or flavoring |  | 2087-313 | 12/85 | 120.7 | 122.1 | 122.0 | 12.4 | -. 1 |
| Other flavors |  | 2087-339 | 12/85 | 118.2 | 119.2 | 119.2 | 10.6 | 0 |
| Other flavoring agents, except chocolate sirups; flavoring powders and tablets $\qquad$ |  | 2087.4 | 12/85 | 106.0 | 106.7 | 106.7 | 3.7 | 0 |
| Soft drinks (effervescent and noneffervescent) .................................. |  | 2087-435 | 12/85 | 101.7 | 101.7 | 101.7 | 4.7 | 0 |
| Other flavoring powders and tablets; dry mix cocktails; flavoring paste |  | 2087-436 | 12/85 | 106.9 | 108.8 | 108.7 | 5.5 | -. 1 |
| Flavoring sirups for fountain, ice cream, home beverage use, all flavors $\qquad$ |  | 2087-459 | 12/85 | 109.2 | 109.3 | 109.4 | 1.4 | . 1 |
| Fruit, crushed or whole, for fountain and ice cream use ........................ |  | 2087-461 | 12/85 | 114.1 | 114.7 | 114.9 | -. 1 | 2 |
| Food colorings ...................................................................................................... |  | 2087-471 | 12/85 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Secondary products and miscellaneous receipts ........................................... |  | 2087-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2087-S | 12/85 | 105.3 | 103.5 | 104.4 | 2.1 | . 9 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Indexbase | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Miscellaneous food preparations and kindred products ................................. | 209 |  | 12/84 | 114.9 | 114.8 | 114.8 | 4.6 | 0 |
| Canned and cured seafoods | 2091 |  | 12/84 | 129.9 | 128.8 | 127.8 | 4.4 | -. 8 |
| Primary products |  | 2091-P | 12/84 | 125.8 | 125.8 | 124.1 | 7.1 | -1.4 |
| Canned and cured seafoods including soup (except frozen) ............... |  | $2091-1$ | 12/84 | 125.8 | 125.8 | 124.1 | 7.1 | -1.4 |
| Canned salmon .................................................................................. |  | 2091-113 | 12/84 | 201.4 | 209.3 | 201.7 | 36.7 | $-3.6$ |
| Canned clams ........................................................................... |  | 2091-115 | 12/84 | 123.3 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ( ${ }^{3}$ | ${ }^{3}$ ) |
| Canned shrimp ................................................................................ |  | 2091-116 | 12/84 | 112.7 | 112.7 | 11.0 | 3 | -1.5 |
| Other canned fish and seafood (except soups, stew and chowders). |  | 2091-119 | 12/84 | 109.2 | 109.2 | 106.8 | 6.9 | -2.2 |
| Canned seafood soups, stews and chowders ...................................... |  | 2091-131 | 02/85 | 98.4 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ | ${ }^{(3)}$ |
| Smoked salmon ................................................................................ |  | 2091-151 | 12/84 | 134.1 | 134.1 | 134.1 | 17.0 | 0 |
| Salted and pickled fish .................................................................. |  | 2091-182 | 12/84 | 107.9 | 107.9 | 107.9 | 5.1 | 0 |
| Secondary products and miscellaneous receipts $\qquad$ Secondary products $\qquad$ |  | $\begin{aligned} & \text { 2091-SM } \\ & \text { 2091-S } \end{aligned}$ | 12/84 | 138.2 | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ | (3) |
| Fresh or frozen packaged fish | 2092 |  | 12/82 | 124.9 | 123.0 | 122.0 | 2.8 | -. 8 |
| Primary products .............. |  | 2092-P | 12/82 | 124.0 | 122.7 | 121.6 | 3.0 | -. 9 |
| Fresh packaged fish and other seafood ............................................ |  | 2092-2 | 12/82 | 156.2 | 148.3 | 145.2 | 2.3 | -2.1 |
| Prepared fresh fish, excluding shellfish ....................................... |  | 2092-2A | 06/89 | (3) | 100.0 | 97.3 | ${ }^{(3)}$ | $-2.7$ |
| Prepared fresh fish, excluding shellfish .... |  | 2092-213 | 12/82 | 135.9 | 124.7 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Prepared fresh shellfish ...................................................................... |  | 2092-2B | 06/89 | ${ }^{(3)}$ | 100.0 | 102.1 | ${ }^{(3)}$ | 2.1 |
| Crabmeat: blue and rock ...... |  | 2092-221 | 12/82 | ${ }^{3}{ }^{3}$ | $\left({ }^{3}\right)$ | 120.6 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Other crabmeat ....................................................................... |  | 2092-222 | 06/89 | ${ }^{(3)}$ | 100.0 | 98.8 | (3) | -1.2 |
| Oysters ................................................................................. |  | 2092-224 | 12/82 | 170.4 | 166.1 | 189.9 | 17.2 | 14.3 |
| Clams .................................................................................. |  | 2092-225 | 06/89 | ${ }^{(3)}$ | 100.0 | 103.3 | (3) | 3.3 |
| Other packaged shellfish .......................................................... |  | 2092-226 | 12/82 | (3) | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Frozen packaged fish, excluding shellfish ........................................... |  | 2092-3 | 12/82 | 128.3 | 129.0 | 128.2 | 1.6 | -. 6 |
| Groundtish ................................................................................ |  | 2092-3A | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 99.3 | ${ }^{(3)}$ | -. 7 |
| Groundfish, fillets and steaks ..................................................... |  | 2092-321 | 12/82 | 133.2 | 134.0 | 132.7 | -. 7 | -1.0 |
| Groundfish, sticks and portions ................................................... |  | 2092-322 | 12/82 | 127.9 | ${ }^{(3)}$ | 132.5 | 5.8 | ${ }^{(3)}$ |
| Other groundfish ....................................................................... |  | 2092-323 | 06/89 | ${ }^{(3)}$ | 100.0 | 93.8 | ${ }^{(3)}$ | -6.2 |
| Other frozen fish ....................................................................... |  | 2092-3C | 06/89 | ${ }^{(3)}$ | 100.0 | 98.7 | ${ }^{(3)}$ | -1.3 |
| Other fillets and steaks ............................................................ |  | 2092-326 | 12/82 | 113.3 | 109.5 | 109.8 | -9.0 | . 3 |
| Other frozen packaged fish ...................................................... |  | 2092-329 | 12/82 | 137.5 | 128.0 | 127.2 | -2.9 | -. 6 |
| Frozen packaged shellifish and other seafood, including soup ................ |  | 2092-4 | 12/82 | 103.9 | 104.6 | 104.3 | 4.7 | -. 3 |
| Frozen shrimp ........................................................................... |  | 2092-4A | 06/89 | $(3)$ | 100.0 | 99.6 | (3) | -. 4 |
| Shrimp, headless, raw ............................................................... |  | 2092-421 | 06/89 | (3) | 100.0 | 99.5 | $\left.{ }^{3}\right)$ | -. 5 |
| Shrimp, peeled, raw ..... |  | 2092-422 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.1 | ${ }^{3}$ ) | . 1 |
| Shrimp, peeled, cooked .............................................................. |  | 2092-423 | 02/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 92.3 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Shrimp, breaded ......................................................................- |  | 2092-424 | 12/82 | 98.3 | 98.7 | 98.7 | 1.4 | 0 |
| Other 100 percent shrimp products .......................................................................... |  | 2092-425 | 06/89 | (3) | 100.0 | 100.3 | (3) | . 3 |
| Frozen crabs .............................................................................. |  | 2092-4C | 06/89 | $(3)$ | 100.0 | 100.0 | (3) | 0 |
| Crab meat, blue and rock ................................................................................................... |  | 2092-431 | 06/89 | (3) | 100.0 | 100.0 | (3) | 0 |
| Other frozen packaged shellfish ..................................................... |  | 2092-4D | 06/89 | (3) | 100.0 | 100.8 | ${ }^{(3)}$ | . 8 |
| Other frozen seafoods ............................................................................................................ |  | 2092-4E | 06/89 | (3) | 100.0 | 97.2 | ${ }^{(3)}$ | -2.8 |
| Secondary products and miscellaneous receipts ..................................... |  | 2092-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................... |  | 2092-M | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | 104.0 | ${ }^{(3)}$ | $\stackrel{(3)}{3}_{-5}$ |
| Resales .................................................................................... |  | 2092-789 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 99.5 | (3) | -. 5 |
| Secondary products ...................................................................... |  | 2092-S | 12/82 | 158.1 | 140.3 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Cofiee .................................................................................................. | 2095 |  | 06/81 | 123.7 | 123.9 | 123.6 | 4.7 | -. 2 |
| Primary products ................................................................................ |  | 2095-P | 06/81 | 124.0 | 124.2 | 123.8 | 4.6 | -. 3 |
| Whole bean and ground roasted coffee ............................................ |  | 2095-1 | 06/81 | 123.8 | 123.7 | 123.1 | 4.9 | -. 5 |
| Whole bean, roasted coffee ......................................................... |  | 2095-111 | 06/81 | 121.3 | 118.2 | 115.6 | -1.2 | -2.2 |
| Ground, roasted coffee ................................................................................ |  | 2095-116 | 06/81 | 124.0 | 124.0 | 123.7 | 5.5 | -. 2 |
| Ground coffee mixtures ........................................................... |  | 2095-121 | 06/88 | 100.2 | 100.2 | 100.2 | . 2 | 0 |
| Concentrated (instant) cofiee ........................................................... |  | 2095-2 | 06/81 | 124.1 | 125.6 | 125.6 | 4.1 | 0 |
| Secondary products and miscellaneous receipts .............................................. |  | 2095-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................... |  | 2095-M | 06/81 | 104.2 | 104.2 | 104.2 | 7.4 | 0 |
| Resales ........................................................................................ |  | 2095-289 | 06/81 | 104.1 | 104.1 | 104.1 | 7.3 | 0 |
| Manufactured ice .... | 2097 |  | 12/85 | 107.6 | 107.8 | 108.5 | 2.8 | . 6 |
|  |  | 2097-P | 12/85 | 104.9 | 105.1 | 105.8 | 3.1 | . 7 |
|  |  | 2097-1 | 12/85 | 104.2 | 104.2 | 104.2 | 0 | 0 |
| Cubed,crushed or other processed ice ................................................. |  | 2097-2 | 12/85 | 105.3 | 105.6 | 106.8 | 5.0 | 1.1 |
| Macaroni, spaghetti, and noodles .............................................................. | 2098 |  | 06/85 | 111.7 | 110.0 | 115.0 | 3.8 | 4.5 |
| Primary products ............................................................................... |  | 2098-P | 06/85 | 113.0 | 111.6 | 116.5 | 3.8 | 4.4 |
| Macaroni, spaghetti, vermicelli, and other macaroni products of all types, except canned $\qquad$ |  | 2098-1 | 06/85 | 116.1 | 114.7 | 117.7 | 4.7 | 2.6 |
| Macaroni, spaghetti, vermicelli, and other macaroni products of all types, except canned |  | 2098-111 | 06/85 | 116.1 | 114.7 | 117.7 | 4.7 | 2.6 |
| Noodie products of all shapes, sizes, and types, except canned ............. |  | 2098-2 | 06/85 | 102.6 | 101.4 | 112.4 | . 9 | 10.8 |
| Noodle products of all shapes, sizes, and types, except canned ........... |  | 2098-211 | 06/85 | 102.6 | 101.4 | 112.4 | . 9 | 10.8 |
| Food preparations, n.e.c. ...................................................................... | 2099 |  | 12/85 | 109.4 | 110.5 | 110.7 | 5.7 | . 2 |
| Primary products ............... |  | 2099-P | 12/85 | 109.8 | 111.1 | 111.2 | 5.8 | . 1 |
| Chips (potato, com, etc.) ................................................. |  | 2099-2 | 12/85 | 107.3 | 109.0 | 108.3 | 9.0 | -. 6 |
| Potato chips and sticks ................................................................ |  | 2099-211 | 12/85 | 112.4 | 114.6 | 113.3 | 8.8 | -1.1 |
| Plain potato chips and sticks ...................................................... |  | 2099-21112 | 12/85 | 110.9 | 113.2 | 112.1 | 8.3 | -1.0 |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Food preparations, n.e.c.-Continued |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Corn chips, curls, and related products ............................................ |  | 2099-261 | 12/85 | 99.5 | 100.3 | 98.8 | 7.6 | -1.5 |
| Other chips, sticks, etc. ........................................................... |  | 2099-298 | 12/85 | 109.0 | 111.7 | 118.3 | 15.1 | 5.9 |
| Sweetening syrups and molasses ................................................. |  | 2099-3 | 12/85 | 126.8 | 142.0 | 147.5 | 11.2 | 3.9 |
| Sweetening syrups and molasses, containing corn syrup .................... |  | 2099-325 | 12/85 | 124.4 | 144.4 | 150.3 | 15.2 | 4.1 |
| Sweetening syrups and molasses, not containing corn syrup ............... |  | 2099-327 | 12/85 | 144.5 | 124.1 | 126.0 | -14.8 | 1.5 |
| Tea in consumer packages ............................................................... |  | 2099-5 | 12/85 | 103.1 | 103.1 | 103.1 | . 4 | 0 |
| Chocolate and cocoa products, except confectionary (mfpm) ................. |  | 2099-8 | 12/85 | 110.2 | 103.6 | 101.8 | -2.7 | -1.7 |
| Chocolate syrups, with chocolate powder base ................................... |  | 2099-894 | 03/86 | 103.6 | 103.6 | 103.6 | 2.5 | 0 |
| Other food preparations, n.e.c. ................................................................. |  | 2099-9 | 12/85 | 114.3 | 115.3 | 116.0 | 5.6 | . 6 |
| Spices .................................................................................. |  | 2099-931 | 12/85 | 114.9 | 115.1 | 115.5 | 2.8 | . 3 |
| Consumer size black and white pepper (under 1 lb.) ........................ |  | 2099-93131 | 12/85 | 129.5 | 129.5 | 129.5 | 0 | 0 |
| Consumer size spices (under 1 lb .), except pepper .......................... |  | 2099-93138 | 12/85 | 121.0 | 121.0 | 122.1 | 7.4 | . 9 |
| Commercial size spices (1 lb. and over), except pepper ................... |  | 2099-93139 | 12/85 | 110.2 | 110.4 | 110.3 | -. 4 | -. 1 |
| Perishable prepared foods (sold in bulk or packages, not frozen) ......... |  | 2099-961 | 12/85 | 105.9 | 108.4 | 109.8 | 7.4 | 1.3 |
| Salads (sold in bulk or packages, not frozen) ................................ |  | 2099-96163 | 12/85 | 105.9 | 108.2 | 108.1 | 6.0 | -. 1 |
| Sandwiches, made from bread (sold in bulk or packages, not frozen) |  | 2099-96165 | 12/85 | 93.3 | 93.3 | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Other perishable prepared foods (sold in bulk or packages, not frozen) $\qquad$ |  | 2099-96168 | 12/85 | 108.3 | 111.4 | 113.5 | 9.3 | 1.9 |
|  |  | 2099-985 | 12/85 | 108.7 | 111.0 | 111.0 | 6.1 | 0 |
| Other, other food preparations, n.e.c. |  | 2099-998 | 12/85 | 109.2 | 109.2 | 109.6 | 6.0 | . 4 |
| Secondary products and miscellaneous receipts ........................................ |  | 2099-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 2099-M | 12/85 | 102.9 | 103.7 | 103.6 | 3.1 | -. 1 |
| Resales ....................................................................................... |  | 2099-Z89 | 12/85 | 103.3 | 104.1 | 104.0 | 3.3 | -. 1 |
| Secondary products ................................................. |  | 2099-S | 12/85 | 109.4 | 109.1 | 109.5 | 5.4 | . 4 |
| Canned fruits, vegetables, preserves, jams, and jellies ....................... |  | 2033-S | 12/85 | 108.4 | 108.4 | 109.2 | 3.7 | . 7 |
| Dried and dehydrated fruits, vegetables, and soup mixes .................... |  | 2034-S | 12/85 | 110.3 | 110.3 | 113.8 | 3.2 | 3.2 |
| Pickled fruits and vegetables, vegetable sauces and seasonings, and salad dressings $\qquad$ |  | 2035-S | 12/85 | 110.9 | 111.2 | 111.2 | 8.0 | 1 |
| Other secondary products ............................................................... |  | 2099-SSS | 12/85 | 108.8 | 108.1 | 108.2 | 4.6 | . 1 |
| Tobacco manufactures ......................................................................................... | 21 |  | 12/84 | 155.0 | 163.5 | 163.6 | 12.8 | . 1 |
| Cigarettes | 2111 |  | 12/82 | 165.7 | 175.6 | 175.6 | 13.7 | 0 |
| Primary products ................................................................................ |  | 2111.P | 12/82 | 166.9 | 177.2 | 177.2 | 14.1 | 0 |
| Filter tip ........... |  | 2111-1 | 12/82 | 163.8 | 174.3 | 174.3 | 14.4 | 0 |
| 81 to 95 mm long ...... |  | 2111-116 | 12/82 | 162.6 | 173.3 | 173.3 | 14.7 | 0 |
| Greater than 95 mm ...................................................................... |  | 2111-118 | 12/82 | 166.0 | 176.1 | 176.1 | 13.8 | 0 |
| Nonfilter tip ..................................................................................... |  | $2111 \cdot 3$ | 12/82 | 193.4 | 201.8 | ${ }^{3}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Nonfilter tip, all sizes ...................................................................... |  | 2111-355 | 12/82 | 193.4 | 201.8 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Cigars ..................................................................................................... | 2121 |  | 12/82 | 128.7 | 132.0 | 132.0 | 8.6 | 0 |
| Primary products ............................................................................... |  | 2121-P | 12/82 | 128.7 | 132.0 | 132.0 | 8.6 | 0 |
| Cigars and cigarillos (weighing 3 or more pounds per 1,000 cigars) ......... |  | 2121-3 | 12/82 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | 132.0 | $\left({ }^{3}\right)$ | (3) |
| Cigarillos (weighing 3 to 10 pounds per 1,000) .................................. |  | 2121-312 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Cigars (weighing more than 10 pounds per 1,000 ) ............................. |  | 2121-314 | 06/89 | (3) | 100.0 | 100.0 | (3) | 0 |
| Chewing and smoking tobacco and snuff .................................................... | 2131 |  | 12/82 | 153.1 | 153.2 | 153.2 | 5.1 | 0 |
| Primary products ................................................................................ |  | $2131 . \mathrm{P}$ | 12/82 | 156.8 | 156.9 | 157.0 | 5.8 | . 1 |
| Smoking tobacco .............................................................................................. |  | 2131-111 | 12/82 | 141.5 | 141.5 | 141.5 | 5.1 | , |
| Loose leat chewing tobacco .............................................................. |  | 2131-113 | 12/82 | 151.2 | 151.7 | 151.2 | 4.8 | -. 3 |
| Chewing tobacco other than loose leaf, including fine cut, plug, and twist $\qquad$ |  | 2131-115 | 12/82 | 153.8 | 153.8 | 153.8 | 5.6 | 0 |
| Snuff, dry and moist ........................................................................... |  | 2131-117 | 12/82 | 181.1 | 181.1 | 181.8 | 7.1 | . 4 |
| Tobacco stemming and redrying ................................................................. | 2141 |  | 06/84 | 98.0 | 98.0 | 98.2 | 1.4 | . 2 |
| Primary products ................................................................................ |  | 2141-P | 06/84 | 93.8 | 93.8 | 94.0 | 1.6 | . 2 |
| Unstemmed leaf tobacco redried before packing, including interplant transfers |  | 2141-1 | 06/84 | 106.1 | 106.0 | 100.2 | -2.4 | -5.5 |
| Unstemmed leaf tobacco redried before packing, including interplant transfers $\qquad$ |  | 2141-121 | 06/84 | 106.1 | 106.0 | 100.2 | -2.4 | -5.5 |
| Tobacco stemmed ........................................................................... |  | 2141-2 | 06/84 | 92.4 | 92.4 | 92.9 | 1.6 | . 5 |
| Packed for sale as such ................................................................ |  | 2141-21 | 06/84 | 91.1 | 91.1 | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Leaf, not aged ........................................................................... |  | 2141-215 | 06/84 | 91.0 | 91.0 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Reconstituted tobacco (processed sheet and homogenized) .................. |  | 2141-3 | 06/89 | ${ }^{(3)}$ | 100.0 | 98.9 | (3) | -1.1 |
| Reconstituted tobacco (processed sheet and homogenized) ................ |  | 2141-311 | 06/89 | $(3)$ | 100.0 | 98.9 | $(3)$ | -1.1 |
| Secondary products and miscellaneous receipts ...................................... |  | 2141-SM |  |  |  |  |  |  |
| Miscellaneous receipts .......................................................................... |  | 2141-M | 11/84 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 119.6 | (3) | ${ }^{(3)}$ |
| Contract work and other miscellaneous receipts |  | 2141-XY9 | 11/84 | (3) | (3) | 119.6 | (3) | (3) |
| Resales |  | 2141-Z89 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | (3) | 0 |
| Textile mill products ................................................................................... | 22 |  | 12/84 | 108.6 | 108.9 | 109.1 | 2.0 | . 2 |
| Cotton broadwoven fabric ........................................................................... | 2211 |  | 12/80 | 106.3 | 106.6 | 107.2 | -. 8 | . 6 |
| Primary products ................................................................................. |  | 2211-P | 12/80 | 107.2 | 107.0 | 107.5 | -1.0 | . 5 |
| Gray cotton broadwoven fabric, except interplant transfers .................... |  | 2211-A | 12/80 | 106.5 | 105.8 | 106.6 | -2.2 | . 8 |
| Plain weaves, except duck ............................................................... |  | 2211-A1 | 06/87 | 107.9 | 105.7 | 107.6 | -6.7 | 1.8 |
| Sheeting, other than bed sheeting ............................................... |  | 2211-A14 | 12/80 | 92.6 | 91.4 | 93.0 | -6.2 | 1.8 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Mar. $1989^{2}$ | $\begin{aligned} & \text { June } \\ & 1989^{2} \end{aligned}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Cotton broadwoven fabric-Continued |  |  |  | $\left.{ }^{3}\right)$ | 119.5 | 120.4 | (3) | 0.8 |
| Osnaburg .............................................................................. |  | 2211-A15 | 12/80 |  |  |  |  |  |
| Twill weaves, except denim ........................................................... |  | 2211-A2 | 12/80 | 111.1 | 111.1 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Twill weaves, except denim ......................................................... |  | 2211-A21 |  |  |  |  |  |  |
| Other weaves, except pile fabric .................................................. |  | 2211-A3 | 06/87 | 111.7 | 112.9 | 112.2 | 1.6 | -. 6 |
| Sateen ............................................................................... |  | 2211-A31 | 12/80 | 103.2 | 103.2 | 99.0 | -13.5 | -4.1 |
| Finished cotton broadwoven fabric, except interplant transfers ............... |  | $\begin{aligned} & 2211-\mathrm{B} \\ & 2211-\mathrm{B} 1 \end{aligned}$ | 12/80 | 101.9 | 102.5 | 102.9 | -1.5 | . 4 |
| Plain weaves .......................................................................... |  |  | $\begin{aligned} & 06 / 87 \\ & 06 / 87 \end{aligned}$ | 109.3 | 107.8 | 108.7 | -1.9 | . 8 |
| Twill weaves ............................................................................. |  | 2211-B2 |  | 100.2 | 103,2 | 103.6 | -3.0 | . 4 |
| Blue indigo denim |  | 2211-B21 | $\begin{aligned} & 06 / 87 \\ & 06 / 87 \end{aligned}$ | 95.1 | 100.3 | 100.7 | -6.7 | . 4 |
| Other denim |  | 2211-B22 | 06/87 | 111.3 | 112.9 | 114.2 | 9.0 | 1.2 |
| Pile fabric .............................................................................. |  | 2211-B4 | $\begin{aligned} & 06 / 87 \\ & 12 / 80 \end{aligned}$ | 112.0 | 111.0 | 111.0 | . 8 | 0 |
| Corduroy .............................................................................................. |  | 2211-841 |  | 87.1 | 86.5 | 86.6 | 1.5 | . 1 |
| Cotton broadwoven fabric, finished products ........................................ |  | 2211-C | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | 122.1 | 122.5 | 122.6 | 2.0 | . 1 |
| Towels and washcloths |  | 2211-C11 | 06/87 | 108.3 | 108.2 | 108.1 | 2.0 | -. 1 |
| Bedspreads ........................................................................... |  | 2211-C31 | 06/87 | 98.8 | 98.8 | 103.1 | -3.7 | 4.40 |
| Other ......................................................................................... |  | 2211-C61 | 12/80 | 127.9 | 127.9 | 127.9 | 0 |  |
| Secondary products and miscellaneous receipts ....................................... |  | 2211-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................. |  | 2211-M | 12/80 | ${ }^{(3)}$ | 124.0 | ${ }^{(3)}$ |  | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Secondary products .......... |  | 2211-S | 12/80 | 99.9 | 102.8 | 103.5 | -2.5 | . 7 |
| Man-made fiber and silk broadwoven fabric .......................................... |  | 2221-S | 12/80 | 106.4 | 106.0 | 107.2 | -4.9 | 1.1 |
| Synthetic fiber and silk broadwoven fabric. | 2221 |  | 06/81 | 110.4 | 111.8 | 112.7 | 1.3 | . 8 |
| Primary products .......................... |  | 2221-P | 06/81 | 109.0 | 110.3 | 111.4 | . 9 | 1.0 |
| Gray goods, except interplant transfers |  | 2221-1 | 06/81 | 108.9 | 109.7 | 110.7 | $-.5$ | . 9 |
| Filament yarn fabric ( $85 \%$ + filament) ............................................... |  | 2221-12 | 06/81 | 111.9 | 112.4 | 113.1 | 6.8 | . 6 |
| Chiefly rayon and/or acetate ....................................................... |  | 2221-121 | 06/81 | 126.2 | 123.8 | 127.0 | 9.9 | 2.6 |
| Other filament yarn fabric ........................................................... |  | 2221-122 | 06/81 | 108.7 | 109.9 | 110.0 | 6.1 | . 1 |
| Chiefly nylon ........................................................................... |  | 2221-1223 | 06/81 | 134.0 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | (3) |
| Chiefly polyester .................................... |  | 2221-1224 | 06/81 | 96.3 | 98.4 | 98.6 | 8.8 | . 2 |
| Spun yarn fabric ( $85 \%$ + spun), except manmade fiber/wool blends and silk fabric $\qquad$ |  | 2221-13 | 06/81 | 107.2 | 108.0 | 109.5 | -4.7 | 1.4 |
| Plain weaves ................................................................................ |  | 2221-135 | 06/87 | 103.4 | 105.0 | 105.9 | -3.1 | . 9 |
| Plain printcloth |  | 2221-1351 | 06/87 | 102.4 | 104.6 | 105.8 | -2.4 | 1.1 |
| Chiefly polyester/cotton blends ............................................... |  | 2221-13511 | 06/81 | 103.3 | 105.0 | 106.0 | -6.2 | 1.0 |
| Chiefly polyester/rayon blends ............................................... |  | 2221-13512 | 06/87 | 111.7 | 115.1 | 117.2 | ( ${ }^{3}$ ) | 1.8 |
| Other plain weaves .................................................................. |  | 2221-1356 | 06/87 | 112.3 | 114.6 | 116.1 | 1.7 | 1.3 |
| Twill weaves ............................................................................. |  | 2221-136 | 06/87 | 99.6 | 98.4 | 101.7 | -9.4 | 3.4 |
| Other weaves, except pile fabric .................................................... |  | 2221-137 | 06/87 | 108.8 | 109.5 | 109.2 | . 4 | -. 3 |
| Other .................................................................................... |  | 2221-1372 | 06/87 | 113.1 | 113.2 | 112.9 | 1.2 | -. 3 |
| Spun/filament yarn fabric (less than 85\% spun or filament) ................. |  | 2221-143 | 04/85 | 109.4 | 111.6 | 111.4 | . 5 | -. 2 |
| Finished fabric, except interplant transfers .............................................. |  | 2221-2 | 06/81 | 110.0 | 112.1 | 111.8 | 2.6 | -. 3 |
| Filament yarn fabric ( $85 \%$ + filament) ................................................ |  | 2221-21 | 06/87 | 106.0 | 109.1 | 107.5 | 6.6 | -1.5 |
| Chiefly polyester ......................................................................... |  | 2221-212 | 06/87 | 105.6 | 108.1 | 107.7 | 10.9 | -. 4 |
| Chiefly other filaments .......................... |  | 2221-213 | 06/87 | 106.8 | 110.1 | 108.0 | 5.4 | -1.9 |
| Spun yarn fabric ( $85 \%+$ spun), except manmade fiber/wool blends and silk fabric $\qquad$ |  | 2221-22 | 06/87 | 106.7 | 108.2 | 108.7 | . 6 | .5.5 |
| Plain weaves .............................................................................. |  | 2221-2242221-2241 | 06/87 | 109.5 | 111.1 | 111.7 | 1.1 |  |
| Plain printcloth ........................................................................... |  |  | 06/87 | 106.0 | ${ }^{(3)}$ | (3) | (3)-1.2 | (3) |
| Broadcloth, carded and combed ............................................... |  | 2221-2242 | 06/87 | 104.4 | 107.2 | 107.5 |  | . 3 |
| Other plain weaves ................................................................... |  | 2221-2245 | 06/87 | 115.8 | 114.1 | 118.0 | 7.2 | 3.4 |
| Twill weaves .............................................................................. |  | 2221-225 | 06/87 | 103.6 | 104.6 | 104.8 | -. 9 | . 2 |
| Spun/filament yarn fabric (less than 85\% spun or filament) .................. |  | 2221-231 | 06/87 | 103.3 | 105.2 | 105.2 | 1.4 |  |
| Fabricated textile products ................................................................ |  | 2221-3 | 06/81 | 107.7 | 108.6 | 110.9 | 5.2 | 2.1 |
| Secondary products and miscellaneous receipts ...................................... |  | 2221-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 2221 -S | 06/81 | 120.7 | 122.2 | 122.3 | 4.4 | . 1 |
| Cotton broadwoven fabric .............................................................. |  | 2211-S | 06/87 | 101.3 | 101.2 | 104.5 | -6.2 | . 3 |
| Other grey cotton fabric ....................................................................... |  | $2211 \text { - }$ <br> A341S | 06/87 | 97.7 | 97.4 | 98.1 | $\left.{ }^{3}\right)$ | . 7 |
| Finished cotton broadcloth .......................................................... |  | $2211-$ <br> B131S | 06/87 | 101.6 | 104.5 | 103.7 | 1.0 | -. 8 |
| Finished cotton twill weaves, except denim ..................................... |  | 2211- <br> B211S $2211 \text { - }$ <br> B331S 2221-SSS | 06/87 | 108.9 | 109.4 | 109.8 | 2.1 | . 4 |
| Other finished cotton fabrics ....................................................... |  |  | 06/87 | 107.0 | 105.7 | 104.1 | . 8 | -1.5 |
| Other secondary products ............................................................... |  | 2221-SSS | 06/87 | 129.8 | 133.2 | 133.1 | 17.7 | -. 1 |
| Wool weaving and finishing ......................................................................... | 2231 |  | 06/85 | 118.8 | 119.9 | 119.5 | 9.3 | -. 3 |
| Primary products ................................................................................ |  |  | 06/85 | 116.4 | 117.8 | 117.8 | 8.4 | 0 |
| Wool broad woven fabrics, gray goods ................................................. |  | $2231-211$ | 06/85 | 112.3 | 112.6 | 113.7 |  | 1.0-.2 |
| Finished fabrics ............................................................................. |  | 2231-A | 06/85 | 118.4 | 120.2 | 119.9 | 3.4 10.1 |  |
| Finished wool apparel fabrics ....................................................... |  | 2231-3 | 06/85 | 117.7 | 119.0 | 118.6 | 12.1 | -. 3 |
| Woolen .................................................................................. |  | 2231-316 | 06/85 | 115.3 | 117.0 | 116.5 | 11.5 | -. 4 |
| Wholly wool ......................................................................... |  | 2231-31611 | 06/85 | 114.1 | 116.5 | 116.0 | 10.4 | -. 4 |
| Chiefly wool ........................................................................ |  | 2231-31612 | 06/85 | 116.5 | 117.5 | 116.9 | 12.5 | -. 5 |
| Finished wool non-apparel fabrics and felts .................................... |  | 2231-4 | 06/85 | 120.8 | 124.2 | 124.1 | 4.6 | -. 1 |
| Other non-apparel fabrics and felts ........................................... |  | 2231-418 | 06/85 | 120.8 | 124.2 | 124.1 | 4.6 | -. 1 |
| Secondary products and miscellaneous receipts ....................................... |  | $\begin{aligned} & 2231-\mathrm{SM} \\ & 2231-\mathrm{S} \end{aligned}$ | 06/85 | $126.5$ | $126.7$ | $125.2$ |  |  |
| Secondary products ........................................................................... |  |  |  |  |  |  | 12.4 | -1.2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Narrow fabric mills | 2241 |  | 06/84 | 107.3 | 107.7 | 108.6 | 5.5 | 0.8 |
| Primary products ........................................................................... |  | 2241-P | 06/84 | 107.5 | 108.0 | 108.9 | 5.9 | . 8 |
| Woven narrow fabric .................................................................... |  | 2241-1 | 06/84 | 102.5 | 103.2 | 104.6 | 4.9 | 1.4 |
| Elastic ........................................................................................... |  | 2241-11 | 06/84 | 103.6 | 103.6 | 106.1 | 5.5 | 2.4 |
| Other apparel ....................................................................... |  | 2241-114 | 06/84 | 108.1 | 108.1 | 113.0 | 10.8 | 4.5 |
| Other uses .......................................................................................... |  | 2241-115 | 06/84 | 105.2 | ${ }^{(3)}$ | ( ${ }^{3}$ ) | ${ }^{(3)}$ | (3) |
| Nonelastic .............................................................................. |  | 2241-12 | 06/84 | 101.9 | 103.0 | 103.7 | 4.5 | . 7 |
| Woven labels |  | 2241-123 | 06/84 | 122.8 | 122.8 | ${ }^{(3)}$ | (3) | $\left.{ }^{3}\right)$ |
| Tapes (wt. less than $15 \mathrm{oz} . / \mathrm{sq}$. yd.) .................................... |  | 2241-125 | 06/84 | 94.3 | 97.4 | 97.9 | 4.5 | . 5 |
| Webbing (wt. $15 \mathrm{oz} . / \mathrm{sq}$. yd. or more) .......................................... |  | 2241-127 | 06/84 | 110.7 | 110.7 | 110.7 | . 7 | 0 |
| Apparel webbing ............................................................. |  | 2241-12733 | 06/84 | 112.8 | 112.8 | 112.8 | 3.3 | 0 |
| Safety belt webbing ... |  | 2241-12737 | 06/84 | (3) | 104.3 | 104.3 | (3) | 0 |
| All other webbing ..................................................................... |  | 2241-12739 | 06/84 | 110.6 | 110.6 | 110.6 | . 6 | 0 |
| All other nonelastic |  | 2241-129 | 06/84 | 84.6 | 85.9 | 89.5 | 10.6 | 4.2 |
| Braided narrow fabric ................................................... |  | 2241-4 | 06/84 | 119.5 | 119.5 | 119.5 | 8.5 | 0 |
| Elastic braids .......................................................................................... |  | 2241-411 | 06/84 | 129.0 | $\left({ }^{3}\right)$ | 129.0 | 14.6 | (3) |
| Nonelastic braids ...................................................................... |  | 2241-422 | 06/84 | 116.0 | 116.0 | 116.0 | 6.2 | 0 |
| Shoe and corset laces |  | 2241-42221 | 06/84 | 113.5 | 113.5 | 113.5 | 3.9 | 0 |
| Other nonelastic braids .............................................................. |  | 2241-42223 | 06/84 | 117.5 | (3) | ${ }^{3}$ ) | (3) | $\left({ }^{3}\right)$ |
| Covered elastic yarn ........................................................................... |  | 2241-5 |  |  |  |  |  |  |
| Covered elastic yarn |  | 2241-511 | 06/84 | 114.2 | 114.4 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts $\qquad$ Secondary products |  | $\begin{aligned} & 2241-S M \\ & 2241-S \end{aligned}$ | 06/84 | 109.9 | 109.9 | 109.9 | . 5 | 0 |
| Socondary products ........................................................................... |  |  | 06/84 | 109.0 |  | 109. |  |  |
| Knitting mills ............................................................................................................... | 225 |  | 12/84 | 107.6 | 107.6 | 107.2 | 1.8 | -. 4 |
| Women's hosiery knit on 300 needles or more and women's knee-high socks $\qquad$ | 2251 |  | 06/84 | 104.2 | 105.3 | 105.1 | 2.2 | -. 2 |
| Primary products ............................................................................ |  | 2251-P | 06/84 | 104.5 | 105.6 | 105.3 | 2.0 | -. 3 |
| Finished full-fashioned hosiery ........................................................... |  | $2251-1$ |  |  |  |  |  |  |
| Finished seamless and simulated seamed hosiery ................................ |  | 2251-3 | 06/84 | 104.6 | 105.7 | 105.3 | 2.1 | -. 4 |
| Stockings and knee-highs, knit on 300 needles or more .................... |  | 2251-321 | 06/84 | 104.8 | 107.8 | 107.9 | 3.8 | . 1 |
| Knee-high ................................................................................. |  | 2251-32177 | 06/84 | 103.4 | 104.8 | 104.9 | 2.3 | . 1 |
| Full-length ............................................................................. |  | 2251-32188 | 06/84 | 118.5 | 136.9 | 136.9 | 15.5 | 0 |
| Pantyhose .................................................................................... |  | 2251-351 | 06/84 | 104.3 | 104.5 | 103.8 | . 9 | -. 7 |
| Under 30 denier, sheer ........ |  | 2251-35122 | 06/84 | 106.1 | 106.4 | 106.5 | 2.1 | . 1 |
| 30 denier and over, opaque ..................................................... |  | 2251-35144 | 06/84 | 105.4 | 105.8 | 105.6 | 2.1 | -. 2 |
| Support .................................................................................... |  | 2251-3516 | 06/84 | 101.6 | 101.7 | 100.0 | -. 9 | -1.7 |
| Control top only ....................................................................... |  | 2251-35161 | 06/84 | 105.8 | 106.0 | 106.0 | 1.0 | 0 |
| Other support .......................................................................... |  | 2251-35162 | 06/84 | 98.2 | 98.2 | 95.1 | -2.6 | -3.2 |
| Unfinished seamless and simulated seamed hosiery ............................... |  | $2251-5$ | 06/84 | 105.2 | 106.3 | 106.3 | 1.2 | 0 |
| Untinished pantyhose .................................................................... |  | 2251-517 | 06/84 | 108.0 | 109.6 | 109.6 | 1.9 | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2251-SM |  |  |  |  |  |  |
| Secondary products ............................................................................ |  | $2251-\mathrm{S}$ | 06/84 | 102.2 | 103.1 | 104.4 | 3.9 | 1.3 |
| Hosiery, n.e.c. ................................................................................. |  | 2252-s | 06/84 | 102.2 | 103.1 | 104.4 | 3.9 | 1.3 |
| Hosiery, n.e.c. .......................................................................................... | 2252 |  | 06/84 | 106.0 | 106.1 | 106.6 | 2.5 | . 5 |
| Primary products ................................................................................ |  | 2252-P | 06/84 | 105.9 | 105.7 | 106.2 | 2.1 | . 5 |
| Men's finished hosiery ...................................................................... |  | 2252-22 | 06/84 | 105.2 | 105.2 | 105.6 | 2.1 | . 4 |
| Anklet ........................................................................................... |  | 2252-222 | 06/84 | 108.4 | 108.4 | 109.2 | 2.2 | . 7 |
| Non-cushion ........................................................................ |  | 2252-2222 | 06/84 | 108.6 | 108.6 | 109.6 | 2.6 | . 9 |
| Manmade fibers ...................................................................... |  | 2252-22227 | 06/84 | 109.6 | 109.6 | 109.7 | 2.8 | . 1 |
| Mid-calf/crew ................................................................................ |  | 2252-223 | 06/84 | 104.2 | 104.5 | 104.9 | 1.8 | . 4 |
| Cushion ................................................................................ |  | 2252-2231 | 06/84 | 101.9 | 102.4 | 103.4 | 2.4 | 1.0 |
| Natural fibers .................................................................... |  | 2252-22311 | 06/84 | 99.9 | 100.9 | 103.0 | 2.2 | 2.1 |
| Non-cushion .............................................................................. |  | 2252-2232 | 06/84 | 108.5 | 108.5 | 107.8 | 1.0 | -. 6 |
| Natural fibers ......................................................................... |  | 2252-22321 | 06/84 | 113.2 | 113.2 | 113.2 | 3.8 | 0 |
| Manmade fibers ....................................................................... |  | 2252-22327 | 06/84 | 106.7 | 106.7 | 105.6 | -. 2 | -1.0 |
| Knee-high .................................................................................... |  | 2252-224 | 06/84 | 101.6 | 101.4 | 101.4 | 2.4 | 0 |
| Cushion .................................................................................... |  | 2252-2241 | 06/84 | 99.4 | 99.2 | 99.2 | 1.7 | 0 |
| Natural fibers .......................................................................... |  | 2252-22411 | 06/84 | 100.7 | 100.2 | 100.2 | 2.1 | 0 |
| Manmade fibers ...................................................................... |  | 2252-22417 | 06/84 | 98.4 | 98.4 | 98.4 | 1.3 | 0 |
| Non-cushion ............................................................................... |  | 2252-2242 | 06/84 | 110.4 | 110.1 | 110.2 | 5.1 | . 1 |
| Manmade fibers ...................................................................... |  | 2252-22427 | 06/84 | 108.0 | 107.2 | 107.4 | 4.1 | . 2 |
| All other finished hosiery, knit on less than 300 needles, except women's knee-length $\qquad$ |  | 2252-23 | 06/84 | 107.1 | 107.4 | 108.1 | 3.1 | . 7 |
| Women's, girrs' and boys' footsock ................................................. |  | 2252-231 | 06/84 | 99.3 | 99.3 | 99.3 | 2.1 | 0 |
| Women's, girls' and boys' anklet ...................................................... |  | 2252-232 | 06/84 | 104.0 | 104.8 | 104.8 | 1.1 | 0 |
| Non-cushion ............................................................................... |  | 2252-2322 | 06/84 | 107.0 | 108.4 | 108.4 | 1.8 | 0 |
| Natural fibers ........................................................................... |  | 2252-23221 | 06/84 | 117.4 | 117.4 | 117.4 | -. 8 | 0 |
| Manmade fibers ..................................................................... |  | 2252-23227 | 06/84 | 103.5 | 105.4 | 105.4 | 2.8 | 0 |
| Girs' and boys' knee-high .............................................................. |  | 2252-233 | 06/84 | 117.3 | 117.3 | 119.7 | 8.0 | 2.0 |
| Other women's, girls' and boys' finished hosiery, including leg warmers, waist-highs, etc. $\qquad$ |  | 2252-234 | 06/84 | 101.8 | 101.8 | 101.8 | -. 5 | 0 |
| Infants' and children's anklet .......................................................... |  | 2252-235 | 06/84 | 106.8 | 108.0 | 107.8 | 1.8 | -. 2 |
| Natural fibers ............................................................................. |  | 2252-23511 | 06/84 | 109.3 | 109.3 | 109.3 | 0 | 0 |
| Manmade fibers ......................................................................... |  | 2252-23577 | 06/84 | 105.5 | 107.3 | (3) | (3) | ${ }^{(3)}$ |
| Infants' and children's knee-high ..................................................... |  | 2252-236 | 06/84 | 99.4 | 98.3 | 98.6 | -. 8 | . 3 |
| Manmade fibers |  | 2252-23677 | 06/84 | 99.4 | 98.3 | $98.6$ | -. 8 | . 3 |
| Other infants' and children's finished hosiery .................................... |  | 2252-238 | 06/84 | 94.5 | 94.7 | $\left({ }^{3}\right)$ | (3) | ${ }^{(3)}$ |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Hosiery, n.e.c.-Continued | 2253 | $\begin{aligned} & 2252-24 \\ & 2252-242 \end{aligned}$ | $\begin{aligned} & 06 / 84 \\ & 06 / 84 \end{aligned}$ | $\begin{aligned} & 104.2 \\ & 104.6 \end{aligned}$ | $\begin{aligned} & 102.6 \\ & 101.3 \end{aligned}$ | 102.8 | -0.5-2.1 | 0.2.3 |
| Unfinished hosiery, knit on less than 300 needles, except women's knee-high $\qquad$ |  |  |  |  |  |  |  |  |
| Men's unfinished hosiery .............................................................. |  |  |  |  |  |  |  |  |
| Other unfinished hosiery, knit on less than 300 needles, except women's knee-high $\qquad$ |  | $\begin{aligned} & 2252-246 \\ & 2252-S M \end{aligned}$ | 06/84 | 103.9 | 103.9 | 103.9 | 1.1 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  |  | 06/84 | 104.7 |  |  |  |  |
| Secondary products .......................................................................... |  | 2252-S |  |  | 104.7 | 104.7 | 1.5 | 0 |
| Knit outerwear |  |  | 12/84 | 110.2 | 109.6 | 108.1 | 1.3 | -1.4 |
| Primary products ........................................................................................ |  | 2253-P | 12/84 | 111.7 | 110.4 | 108.8 | 1.0 | -1.4 |
| Sweaters, jackets and jerseys .............................................................. |  | 2253-1 | 12/84 | 115.0 | 114.6 | 115.0 | 4.5 | . 3 |
| Men's and boys' ........................................................................... |  | 2253-12 | 12/84 | 119.5 | 118.6 | 119.8 | 3.5 | 1.0 |
| All wool and chiefly wool .......................................................... |  | 2253-122 | 12/84 | 116.6 | 116.6 | 116.6 | 5.4 | . 0 |
| All manmade and chiefly manmade .............................................. |  | 2253-124 | 12/84 | 116.6 | 115.1 | 116.8 | 2.8 | 1.5 |
| Women's, misses' and juniors' ....................................................... |  | 2253-14 | 12/84 | 110.1 | 110.1 | 109.9 | 5.5 | -. 2 |
| All manmade and chiefly manmade .............................................. |  | 2253-144 | 12/84 | 110.0 | 110.0 | 109.7 | 5.5 | -. 3 |
| Knit outerwear sport shirts, including sweat shirts ................................. |  | 2253-2 | 12/84 | 116.7 | 115.2 | 108.3 | -. 9 | -6.0 |
| Men's and boys' ............................................................................ |  | 2253-22 | 12/84 | 113.9 | 113.9 | 111.4 | 5 | -2.2 |
| All manmade and chiefly manmade ................................................ |  | 2253-224 | 12/84 | 117.3 | 116.3 | 112.2 | -2.3 | -3.5 |
| Other fibers .............................................................................. |  | 2253-225 | 12/84 | 108.9 | 110.4 | 110.4 | 5.2 | 0 |
| Women's, misses' and juniors' ........................................................ |  | 2253-24 | 12/84 | 112.3 | 112.1 | 112.1 | . 5 | 0 |
| Other knit outerwear .............................................................................. |  | 2253-3 | 12/84 | 101.9 | 101.9 | 101.9 | . 8 | 0 |
| Women's, misses' \& juniors' knit outerwear, excl. sweaters, jackets, jerseys \& sport shirts |  | 2253-31 | 12/84 | 104.6 | 104.6 | 104.6 | . 4 | 0 |
| Men's \& boys' knit outerwear, excluding sweatersjackets, jerseys and sport shirts $\qquad$ |  | 2253-33 | 12/84 | 117.6 | 117.6 | 117.6 | 2.2 | 0 |
|  |  | 2253-335 | 12/84 | 111.4 | 111.4 | 111.4 | 5.4 | 0 |
| Men's and boys' other knit outerwear |  | 2253-338 | 12/84 | 119.9 | 119.9 | 119.9 | 1.0 | 0 |
| Contract work on knitting and dyeing knit outerwear ................................ |  | 2253-9 <br> $2253-911$ |  |  |  |  |  |  |
| Contract work on knitting and dyeing knit outerwear ........................... |  |  |  | 124.4 | 114.0 | 114.0 | -6.6 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2253-SM |  |  |  |  |  |  |
| Knit underwear and nightwear mills ............................................................. | 2254 |  | 06/82 | 118.2 | 119.0 | 119.1 | 1.7 | . 1 |
| Primary products ........................................................................................... |  | 2254-P | 06/82 | 119.3 | 120.1 | 120.2 | 2.0 | . 1 |
| Men's and boys' knit underwear ........................................................ |  | 2254-A | 06/82 | 118.9 | 118.8 | 118.8 | 1.3 | 0 |
| Men's and boys' undershirts, except thermal ..................................... |  | 2254-1 | 06/82 | 115.1 | 115.1 | 115.1 | 2.1 | 0 |
| Undershirts, except athletic types ................................................. |  | 2254-122 | 06/82 | 115.0 | 115.0 | 115.0 | 1.9 | 0 |
| Men's and boys' shorts and briefs ................................................... |  | 2254-4 | 06/82 | 101.9 | 101.9 | 101.9 | . 9 | 0 |
| Shorts and briets, except thermal underwear and union suits ........... |  | 2254-411 | 12/87 | 101.3 | 101.3 | 101.3 | . 9 | 0 |
| Women's and children's underwear and nightwear ................................ |  | 2254-C | 06/82 | 121.4 | 125.0 | 125.2 | 3.7 | 2 |
| Women's and children's underwear ................................................. |  | 2254-2 | 06/82 | 126.6 | 129.9 | 129.9 | 3.1 | 0 |
| Women's underwear ................................................................... |  | 2254-21 | 06/82 | 126.2 | 129.2 | 129.2 | 2.9 | 0 |
| Panties .................................................................................. |  | 2254-213 | 09/82 | 128.2 | 131.3 | 131.3 | 2.9 | 0 |
| Women's and children's nightwear ................................................. |  | 2254-3 | 06/82 | 115.5 | 119.6 | 120.3 | 5.2 | . 6 |
| Secondary products and miscellaneous receipts ..................................... |  | 2254-SM |  |  |  |  | -. 1 | 0 |
| Secondary products ...................................................................................... |  | 2254-S | 06/82 | 109.7 | 110.2 | 110.2 |  |  |
| Circular knit fabrics ............................................................................................. | 2257 |  | 06/81 | 104.8 | 104.9 | 105.7 | 4 | . 8 |
| Primary products ................................................................................ |  | 2257-P | 06/81 | 105.5 | 105.6 | 106.3 | . 9 | . 7 |
| Gray fabrics ..................................................................................................... |  | $2257-1$ <br> $2257-111$ |  |  |  |  |  |  |
| Gray fabrics ................................................................................. |  |  |  | 112.7 | 112.7 | 112.7 | 1.6 | 0 |
| Finished underwear and nightwear fabrics $\qquad$ <br> Finished undenwear and nightwear fabrics $\qquad$ |  | 2257-2 |  | 123.9 | 127.6 | 127.6 | 3.3 | 0 |
| Finished high pile fabrics |  | 2257-4 | 06/81 |  |  |  |  |  |
| Finished single knit outerwear fabrics .................................................................................................. |  | 2257-5 | 06/81 | 105.3 | 105.6 | 107.4108.8 | 1.42.3 | 1.71.3 |
| Manmade and chiefly manmade fibers ............................................. |  | 2257-511$\mathbf{2 2 5 7 - 5 1 2}$ | 06/81 | 106.7 |  |  |  |  |
| All other fibers .............................................................................. |  |  |  | 107.8 | 107.3 | 110.0 | -. 2 | 2.5 |
| Finished rib knit outerwear fabrics, excluding double knit and interlock $\qquad$ |  | 2257-6 | 06/87 |  |  |  | -2.9-1.5 |  |
| Manmade and chiefly manmade fibers .............................................. |  | 2257-611 | 06/87 | $97.7$ | $\begin{array}{r} 102.8 \\ 97.7 \end{array}$ | $\begin{array}{r} 103.2 \\ 98.5 \end{array}$ |  | . 8 |
| Finished double knit outerwear fabrics, including interiock and eightlock fabrics |  | 2257-72257-711 | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | $\begin{aligned} & 99.7 \\ & 97.8 \end{aligned}$ | $\begin{aligned} & 98.4 \\ & 96.3 \end{aligned}$ | $\begin{aligned} & 98.9 \\ & 96.9 \end{aligned}$ | $\begin{array}{r} -1.1 \\ -1.3 \end{array}$ | . 5 |
| Manmade and chiefly manmade fibers ............................................. |  |  |  |  |  |  |  | . 6 |
| All other finished circular knit fabrics ....................................................... |  | 2257.8 |  |  |  |  |  |  |
| All other finished circular knit fabrics ..................................................... |  | 2257-811 | 06/81 | 104.1 | 105.0109.1 | 105.0 | 1.6 | 0 |
| Contract work on gray and finished circular knit fabric .......................... |  | 2257-9 | 06/81 | 108.7102.9 |  | 109.1 | 2.2 | 0 |
| Contract knitting of gray fabric ......................................................... |  | $2257-911$$2257-915$ | $\begin{aligned} & 06 / 87 \\ & 06 / 81 \end{aligned}$ |  | $\begin{aligned} & 109.1 \\ & 103.8 \end{aligned}$ | 103.9109.6 | 2.2 | 0 |
| Contract knitting/finishing .................................................................. |  |  |  | $\begin{aligned} & 102.9 \\ & 109.4 \end{aligned}$ | $\begin{aligned} & 103.8 \\ & 109.6 \end{aligned}$ |  |  |  |
| Secondary products and miscellaneous receipts .-......................................... |  | $\begin{aligned} & 2257-S M \\ & 2257-S \end{aligned}$ | 06/81 | 108.6 | 108.6 | 108.6 | 0 | 0 |
| Secondary products ...................................................................................... |  |  |  |  |  |  |  |  |
| Warp knit fabrics .................................................................................... | 2258 | $\begin{aligned} & 2258-\mathrm{P} \\ & 2258-1 \\ & 2258-101 \\ & 2258-2 \\ & 2258-211 \\ & 2258-3 \end{aligned}$ | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | $\begin{aligned} & 109.6 \\ & 108.4 \end{aligned}$ | $\begin{aligned} & 109.6 \\ & 108.5 \end{aligned}$ | $\begin{aligned} & 109.3 \\ & 108.3 \end{aligned}$ | 4.4 | -. 3 |
| Primary products ................................................................................ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 0 |
|  |  |  | $06 / 81$ $06 / 81$ | 106.7 106.0 | 107.4 106.1 | 107.4 | 3.5 2.8 | 0 |
|  |  |  | 06/81 | 119.1 | 119.2 | 119.2 | 2.8 | 0 |
|  |  |  | 06/81 | 114.1 | 113.4 | 112.4 | 4.6 | -. 9 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{aligned} & \text { June } \\ & 1989^{2} \end{aligned}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Warp knit fabrics-Continued | 2259 |  |  | 112.0 | 111.4 | 110.4 | 4.5 | -0.9 |
| Manmade and chiefly manmade fibers ............................................. |  | 2258-311 | 06/87 |  |  |  |  |  |
| Other finished warp knit fabrics .............................................................. |  | 2258-4 | 06/81 | 110.2 | 110.3 | 110.4 | 6.7 | . 1 |
| Others ................................. |  | 2258-439 | 09/81 | 119.9 | 120.0 | 120.1 | 6.7 | . 1 |
| Contract work on gray and finished warp knit fabric |  | 2258-9 | 06/81 | 108.1 | 108.1 | 108.1 | 1.3 | 0 |
| Contract knitting/finishing |  | 2258-9152258-SM | 06/81 | 108.1 | 108.1 | 108.1 | 1.3 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  |  |  |  |  |  |  |  |
| Secondary products ........................................................................ |  | 2258-S | 06/81 | 114.0 | 114.8 | 114.8 | 1.1 | 0 |
| Other secondary products ........................................................... |  | 2258-SSS | 06/81 | 117.6 | 120.2 | 120.2 | 3.4 | 0 |
| Knitting mills n.e.c. |  |  | 12/85 | 106.0 | 109.4 | 109.4 | 4.4 | 0 |
| Primary products |  | 2259-P | 12/85 | 105.7 | 109.3 | 109.3 | 4.5 | 0 |
| Other knit end products ............................................................... |  | 2259-2 | 12/85 | 103.9 | 103.9 | 103.9 | 3.3 | 0 |
| Other knit end products, n.e.c. ........................................................ |  | 2259-298 | 12/85 | 103.9 | 103.9 | 103.9 | 3.3 | . 0 |
| Dyeing and finishing textiles, except wool fabrics and knit goods .................... | 226 |  | 12/84 | 113.9 | 114.3 | 114.9 | 2.9 | . 5 |
| Finished cotton broadwoven fabric ........................................................................ | 2261 | 2261-P | 06/84 <br> $06 / 84$ | 107.5 | 108.2 | 110.3 | 5.0 | 1.9 |
| Primary products ................................................................................ |  |  |  | 110.2 | 110.8 | 112.7 | 5.5 | 1.7 |
| Non-commission finished fabric ......................................................... |  | 2261.7 | 06/84 | 111.9109.3 | 111.7 | 111.8 | 4.9 | . 1 |
| Plain weaves ...................................................................................... |  | 2261-72 | 06/87 |  | 109.0 | 109.2 | 3.0 |  |
| Other plain weaves ............................................................... |  | 2261-725 | 06/87 | 115.9 | 114.9 | 115.0 | 8.1 | . 1 |
| Commission finishing ........................................................................ |  | 2261-9 |  |  |  |  |  |  |
| Commission finishing ........................................................................... |  | 2261-911 | 02/86 | 106.8 | 108.8 | 114.2 | 6.8 | 5.0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2261-SM2261-S | 06/84 | 92.2 |  |  |  |  |
| Secondary products ........................................................................................ |  |  |  |  | 92.9 | 95.8 | 2.9 | 3.1 |
| Finished synthetic fiber and silk broadwoven fabric | 2262 | 2261-S | 06/84 | 118.4 | 118.7 | 118.8 | 2.1 | . 1 |
| Primary products ............................................ |  | $\begin{aligned} & 2262-P \\ & 2262-8 \end{aligned}$ |  | 121.2 | 121.5 | 121.7 | 2.2 | . 2 |
| Non-commission finished fabric ......................................................... |  |  | 06/84 | 127.5 | 127.8 | 127.9 | 2.2 | . 1 |
| Commission finishing ..................................................................................... |  | $\begin{aligned} & 2262-9 \\ & 2262-911 \\ & 2262-\mathrm{SM} \\ & 2262-\mathrm{S} \end{aligned}$ | 06/84 | 109.1 | 109.4 | 109.8 | 2.2 | . 4 |
| Commission finishing ....................................................................... |  |  |  |  |  |  |  |  |
| Secondary products and miscellaneous receipts .............................................. |  |  | 06/84 | 110.0 | 110.8 | 110.4 | 1.9 | -. 4 |
| Secondary products ...................................................................................... |  |  |  |  |  |  |  |  |
| Finished yarn, raw stock, braided goods and narrow fabric, except knits and wool | 2269 |  | 06/83 | 113.2 | 113.6 | 114.6 | 4.2 | . 9 |
| Primary products ................................................................................. |  | 2269-P | 06/83 | 114.4 | 114.6 | 115.8 | 4.7 | 1.0 |
| Dyed yarn ....................................................................................... |  | 2269-2 | 06/83 | 114.5 | 114.7 | 115.9 | 4.8 | 1.0 |
| Chiefly carded cotton yarn .............................................................. |  | 2269-221 | 06/83 | 114.1 | 106.1 | 106.1 | -. 6 | 0 |
| Chiefly combed cotton yarn ...... |  | 2269-223 | 06/83 | 120.3 | 124.4 | 124.4 | 4.9 | 0 |
| Chiefly acrylic or modacrylic yarn ................................................... |  | 2269-232 | 06/83 | 105.1 | 108.8 | 108.8 | 5.7 | 0 |
| Polyester/cotton spun yarn ................. |  | 2269-241 | 06/83 | 108.2 | 108.8 | 109.6 | 6.3 | . 7 |
| Other chiefly polyester spun yarn ................................................... |  | 2269-243 | 06/83 | 117.1 | 117.6 | 122.7 | 9.5 | 4.3 |
| Finished yarn other than bleached or dyed ........................................... |  | 2269-3 | 06/83 | 116.7 | 118.8 | 117.9 | 3.2 | -. 8 |
| Mercerized cotton yarn .................................................................. |  | 2269-351 | 06/83 | 112.6 | 114.7 | 113.8 | 1.5 | -. 8 |
| Secondary products ............................................................................... |  | 2269-S | 11/83 | 106.9 | 111.4 | 111.8 | 7.5 | . 4 |
| Floor covering mills .................................................................................................... | 227 |  | 12/84 | 107.5 | 106.2 | 106.5 | . 7 | . 3 |
| Woven carpets and rugs ................ | 2271 |  |  | 116.4 | 117.2 | 117.2 | 2.8 | 0 |
| Primary products ............................................................................ |  | $\begin{aligned} & 2271-P \\ & 2271-1 \end{aligned}$ | 06/85 | 116.4 | 117.2 | 117.2 | 2.7 | 0 |
| Woven carpets and rugs, including mats and art squares ........................ |  |  | 06/85 | 116.4 | 117.2 | 117.2 | 2.7 |  |
| Other woven carpets and rugs, including uphoistery loom type carpeting $\qquad$ |  | 2271-114 | 06/85 | 113.5 | 113.5 | 113.5 | 3.7 | 0 |
| Tufted carpets and rugs .............................................................................. | 2272 | 2272-P | 12/79 | 135.9 | 134.2 | 134.5 | . 4 | . 2 |
| Primary products ................................................................................ |  |  | $12 / 79$$12 / 79$ | 136.9 | 135.9 | 134.6 | 0 | -1.0 |
| Bathmats and sets and scatter rugs $6 \times 9$ or less ................................ |  | 2272-P |  | 148.4 | 149.8 | 150.2 | 2.3 | . 3 |
| Tutted broadloom ............................................................................. |  | 2272-32272-30301 | 12/79 | 136.8 | 135.8 | 133.8 | . 1 | -1.5 |
| Tufted broadloom - nylon |  |  | 12/79 | 140.9 | 140.6 | 139.8 | 1.9 | -. 6 |
| Tufted broadloom - other fibers and blends ...................................... |  | 2272-30309 | $\begin{aligned} & 12 / 79 \\ & 12 / 79 \end{aligned}$ | 111.2 | 112.6 | 112.7 | 2.5 | . 1 |
| Automobile and aircraft carpeting ................................................... |  | 2272-505 |  | 121.1 | 121.0 | 121.1 | 2.0 | . 1 |
| Finished only ...................................................................................... |  | 2272-8 | 12/86 | 105.8 | 103.6 | 104.7 | -3.3 | 1.1 |
| Secondary products and miscellaneous receipts ....................................- |  | 2272-SM |  | 109.6 | $\left({ }^{3}\right)$ | 136.5 | 15.8 | ${ }^{(3)}$ |
| Miscellaneous receipts .......................................................................... |  | 2272-M | 12/80 |  |  |  |  |  |
| Carpets and rugs, n.e.c. ............................................................................ | 2279 |  | 06/85 | 111.1 | 111.1 | 111.1 | 6.4 | 0 |
| Primary products ................................................................................ |  | 2279-P | 06/85 | 113.4 | 113.4 | 113.4 | 4.3 | 0 |
| Carpets and rugs, n.e.c., including mats and art squares ....................... |  | 2279-1 | 06/85 | 113.4 | 113.4 | 113.4 | 4.3 | 0 |
| Braided, hooked, and other carpets and rugs (except tufted or woven) |  | 2279-113 | 06/85 | 118.0 | 118.0 | 118.0 | . 8 | 0 |
| Yarn and thread mills | 228 |  | 12/84 | 105.3 | 105.8 | 106.0 | . 8 | . 2 |
| Spun yarn ................................................................................................. | 2281 |  | 12/82 | 102.1 | 101.8 | 102.0 | -2.0 | . 2 |
| Primary products ................................................................................ |  | 2281-P | 12/82 | 102.9 | 103.7 | 103.9 | -. 3 | . 2 |
| Carded cotton yarns ........................................................................ |  | 2281.1 | 12/82 | 90.5 | 93.6 | 94.4 | -6.4 | . 9 |
| Gray carded cotton yarns for sale to others ..................................... |  | 2281-113 | 12/82 | 89.3 | 92.7 | 93.7 | -7.1 | 1.1 |
| 1-20 count .............................................................................. |  | 2281-1131 | 12/82 | 97.0 | 100.0 | 100.9 | -5.2 | . 9 |
| Combed cotton yarns ...................................................................... |  | 2281-2 | 12/82 | 106.8 | 107.3 | 108.2 | -2.2 | . 8 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


Table 5. Producer price indexes for the net output of selected Industries and their products - Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Men's and boys' suits and coats | 2311 |  | 12/80 | 138.3 | 139.6 | 140.7 | 6.2 | 0.8 |
| Primary products ........... |  | 2311-P | 12/80 | 138.7 | 139.7 | 140.8 | 6.0 | . 8 |
| Men's and boys' suits and coats, excluding contract work ...................... |  | 2311-A | 12/86 | 111.5 | 112.5 | 113.6 | 5.4 | 1.0 |
| Men's suits .............................................................................................. |  | 2311-1 | 12/80 | 139.3 | 140.8 | 142.6 | 6.1 | 1.3 |
| Business suits ................................................................................... |  | 2311-11 | 12/80 | 140:1 | 141.7 | 143.5 | 6.2 | 1.3 |
| Regular weight business suits |  | 2311-113 | 12/80 | 138.7 | 139.7 | 143.0 | 5.6 | 2.4 |
| Fabrics except all wool or wool blends .................................... |  | 2311-11344 | 12/80 | 128.1 | 129.3 | 129.3 | 1.3 | 0 |
| All wool or wool blends ........................................................... |  | 2311-11347 | 12/86 | 114.2 | 114.8 | 119.8 | 9.4 | 4.4 |
| Light weight business suits ................................................................. |  | 2311-117 | 12/80 | 143.5 | 146.3 | 144.6 | 7.5 | -1.2 |
| Fabrics except all wool or wool blends ................................... |  | 2311-11744 | 12/80 | 149.1 | 149.1 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| All wool or wool blends ..................................................... |  | 2311-11747 | 12/80 | 138.7 | 143.8 | 140.7 | 8.9 | -2.2 |
| Men's tailored dress and sport coats and jackets .............................. |  | 2311-3 | 12/80 | 135.2 | 136.2 | 137.0 | 5.1 | . 6 |
| Business type dress and sport coats and jackets |  | 2311-321 | 12/80 | 133.7 | 134.6 | 135.5 | 5.1 | . 7 |
| Fabrics except wool and cotton ................................................. |  | 2311-32144 | 12/80 | 132.0 | 132.4 | 132.4 | 3.4 | 0 |
| All wool or wool blends ...................................................... |  | 2311-32145 | 12/86 | 115.5 | 117.0 | 119.0 | 7.9 | 1.7 |
| Dress, sport coats and jackets, except business, incl. sep. vests ...... |  | 2311-322 | 12/80 | 142.3 | 143.7 | 143.7 | 5.0 | 0 |
| Receipts for contract work on men's and boys' suits and coats .............. |  | 2311-9 2311-SM | 12/80 | 148.3 | 148.3 | 148.3 | 8.9 | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2311-SM 2311-S |  |  |  |  |  | 3 |
| Secondary products $\qquad$ <br> Other secondary products $\qquad$ |  | ${ }_{\text {2311-S }}^{\text {231-SSS }}$ | $12 / 80$ $12 / 80$ | 140.8 148.3 | 145.2 155.3 | 145.7 155.3 | 7.4 7.7 | . 3 |
| Men's and boys' separate trousers ................................................... |  | 2327-S | 12/80 | 133.7 | 134.9 | 136.0 | 6.9 | . 8 |
| Men's, youths' \& boys' furnishings, work clothing \& allied garments ................ | 232 |  | 12/84 | 109.0 | 109.6 | 110.4 | 3.0 | . 7 |
| Men's and boys' shirts, except work shirts . | 2321 |  | 06/83 | 109.5 | 110.0 | 110.5 | 2.4 | . 5 |
| Primary products ................................................................................. |  | 2321-P | 06/83 | 109.7 | 110.2 | 110.8 | 2.7 | 5 |
| Men's and boys' knit outerwear sport shirts, including sweatshirts .......... |  | 2321-2 | 06/83 | 104.4 | 105.3 | 106.0 | 2.5 | 7 |
| Men's knit outerwear sportshirts, including sweatshirts ........................ |  | 2321-211 | 06/83 | 102.4 | 103.6 | 104.4 | 3.2 | 8 |
| All cotton and chiefly cotton fibers ....................................................... |  | 2321-21115 | 06/83 | 108.0 | 109.8 | 110.9 | 6.6 | 1.0 |
| All manmade and chiefly manmade fibers ......................... |  | 2321-21117 | 06/83 | 96.0 | 97.0 | 97.5 | -. 2 | . 5 |
| Boys' knit outerwear sport shirts, including sweatshirts ........................ |  | 2321-225 | 06/83 | 109.8 | 109.8 | 110.4 | 8 | . 5 |
| All manmade and chiefly manmade fibers ..................................... |  | 2321-22527 | 06/83 | 113.7 | 113.7 | 114.3 | (3) | . 5 |
| Men's and boys' dress and woven sport shirts, including uniform shirts .. |  | 2321-4 | 06/83 | 112.8 | 113.2 | 113.9 | 3.3 | . 6 |
| Men's dress and business shirts and collars, including uniform shirts |  | 2321-417 | 06/83 | 119.9 | 120.6 | 121.8 | 5.2 | 1.0 |
| All cotton and chiefly cotton fibers ............................................... |  | 2321-41718 | 06/83 | 113.1 | 113.2 | 115.9 | 5.6 | 2.4 |
| All manmade and chiefly manmade fibers ..................................... |  | 2321-41721 | 06/83 | 122.2 | 123.1 | 123.4 | 4.7 | . 2 |
| Men's woven sport shirts ............................................................... |  | 2321-427 | 06/83 | 106.5 | 106.1 | 106.1 | 1.0 | 0 |
| All cotton and chiefly cotton fibers ................................................ |  | 2321-42713 | 09/83 | 114.0 | 113.0 | 113.0 | 2.2 | 0 |
| All manmade and chiefly manmade fibers ...................................... |  | 2321-42714 | 06/83 | 102.3 | 102.3 | 102.3 | 0 | 0 |
| Boys' dress and uniform shirts and collars ........................................ |  | 2321-437 | 06/83 | 107.5 | 107.5 | 107.5 | ${ }^{(3)}$ | 0 |
| Boys' woven sport shirts ............................................................... |  | 2321-438 | 09/83 | 99.9 | 99.9 | 99.9 | (3) | 0 |
| Contract work on men's and boys shirts ............................................. |  | 2321.9 | 06/83 | 109.5 | 109.7 | 109.7 | . 6 | 0 |
| Contract work on men's and boys' shirts and collars ......................... |  | 2321-913 | 06/83 | 109.5 | 109.7 | 109.7 | . 6 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2321-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 2321-M | 06/83 | 98.0 | 98.0 | 98.0 | . 8 | 0 |
| Resales ....................................................................................... |  | 2321-789 | 06/83 | 95.8 | 95.8 | 95.8 | . 8 | 0 |
| Secondary products .......................................................................... |  | 2321-S | 06/83 | 114.4 | 114.4 | 114.4 | . 1 | 0 |
| Men's and boys' underwear and nightwear ................................................... | 2322 |  | 06/82 | 115.5 | 115.4 | 115.4 | 2.3 |  |
| Primary products ............................... |  | 2322-P | 06/82 | 112.2 | 112.0 | 112.0 | 1.8 | 0 |
| Men's and boys' knit underwear ........................................................... |  | 2322-A | 06/82 | 114.4 | 114.2 | 114.2 | 2.5 | 0 |
| Knit undershirts, except thermal ........................................................ |  | 2322-1 | 06/82 | 114.2 | 114.0 | 114.0 | 2.5 | 0 |
| Undershirts, except athletic type .................................................. |  | 2322-122 | 06/82 | 113.1 | 112.9 | 112.9 | 2.8 | 0 |
| Knit shorts and briefs, except thermal .............................................. |  | 2322-4 | 06/82 | 116.2 | 116.2 | 116.2 | 3.1 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2322-SM |  |  |  |  |  |  |
| Secondary products ....................................................................................... |  | 2322-S | 06/82 | 136.4 | 136.5 | 136.5 | 4.4 | 0 |
| Men's and boys' neckwear ......................................................................... | 2323 |  | 12/83 | 113.3 | 114.9 | 114.9 | 4.8 | 0 |
| Primary products .................................................................................. |  | 2323-P | 12/83 | 113.9 | 114.9 | 114.9 | 4.5 | 0 |
| Men's and boys' neckwear ............................................................... |  | 2323-1 | 12/83 | 113.9 | 114.9 | 114.9 | 4.5 | 0 |
| Men's and boys' neckties .............................................................. |  | 2323-12 | 12/83 | 113.9 | 115.0 | 115.0 | 4.4 | 0 |
| All silk ....................................................................................... |  | 2323-121 | 12/83 | 131.9 | 135.5 | 136.6 | 9.6 | 8 |
| All polyester ............................................................................ |  | 2323-127 | 12/83 | 109.9 | 110.9 | 110.9 | 3.7 | 0 |
| Other fabrics, including blends ...................................................... |  | 2323-129 | 12/83 | 106.8 | 102.5 | 100.8 | -5.5 | -1.7 |
| Secondary products and miscellaneous receipts ......................................... |  | 2323-SM |  |  |  |  |  |  |
| Men's and boys' separate trousers ............................................................. | 2327 |  | 12/81 | 115.0 | 115.9 | 117.2 | 4.9 | 1.1 |
| Primary products ................................................................................ |  | 2327-P | 12/81 | 117.0 | 117.4 | 118.4 | 4.0 | . 9 |
| Men's and boys' dress and sport trousers and dress shorts .................. |  | 2327-1 | 12/81 | 114.6 | 114.9 | 116.3 | 4.9 | 1.2 |
| Men's dress and sports trousers, except uniform ............................... |  | 2327-112 | 12/81 | 117.2 | 117.3 | 119.1 | 5.3 | 1.5 |
| All wool and chiefly wool, all fabric constructions ............................ |  | 2327-1122 | 06/87 | 121.9 | 121.9 | 123.6 | 13.9 | 1.4 |
| All cotton and chiefly cotton, all fabric constructions ....................... |  | 2327-1124 | 12/81 | 107.5 | 104.8 | 104.9 | -3.8 | . 1 |
| All manmade and chiefly manmade, except manmade/wool blends . |  | 2327-1125 | 12/81 | 115.7 | 116.5 | 118.0 | 4.8 | 1.3 |
| Woven ................................................................................... |  | 2327-11251 | 12/81 | 111.8 | 112.5 | 114.0 | 4.9 | 1.3 |
| Knit ...................................................................................... |  | 2327-11252 | 12/81 | 118.8 | 120.9 | 120.9 | 3.2 | 0 |
| Manmade/wool blends (chiefly manmade), all fabric constructions ... |  | 2327-1127 | 12/81 | 122.3 | 122.3 | 126.1 | 9.4 | 3.1 |
| Men's and boys' dress shorts ......................................................... |  | 2327-146 | 06/87 | 102.3 | 102.1 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $(3)^{3}$ |
| Boys' dress and sport trousers, including uniform ................................ |  | 2327-157 | 06/87 | 106.9 | 106.9 | 106.9 | 3.6 | 0 |
| Receipts for contract work on men's and boys' trousers ......................... |  | 2327-9 |  |  |  |  |  |  |
| Receipts for contract work on men's and boys' trousers |  | 2327-911 | 12/81 | 127.1 | 127.8 | 127.4 | 1.4 | -. 3 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Men's and boys' separate trousers-Continued | 2328 | $\begin{aligned} & 2327-S M \\ & 2327-S \\ & 2327-S S S \\ & 2328-S \end{aligned}$ | $\begin{aligned} & 12 / 81 \\ & 12 / 81 \\ & 12 / 81 \end{aligned}$ | 116.1 | 119.5 | 121.4 | 6.6 | 1.6 |
| Secondary products and miscellaneous receipts ...................................... |  |  |  |  |  |  |  |  |
| Secondary products ......................................................................... |  |  |  |  |  |  |  |  |
| Other secondary products ............................................................. |  |  |  | 113.6 | 119.1 | 122.3 | 8.2 | 2.7 |
| Men's and boys' work clothing |  |  |  | 119.7 | 119.7 | 119.7 | 4.2 | 0 |
| Men's and boys' work clothing |  |  | 12/81 | 110.9 | 111.6 | 112.4 | 2.1 | . 7 |
| Primary products ........................................................................... |  | 2328-P | 12/81 | 112.3 | 113.0 | 113.3 | 1.6 | . 3 |
| Men's and boys' work shirts .................................................................... |  | 2328-1 |  |  |  |  |  |  |
| Men's and boys' work shirts ................................................................... |  | 2328-111 | 12/81 | 115.0 | 115.2 | 115.2 | 5.2 | 0 |
| Men's and boys' jeans, dungarees, and jean-cut casual slacks ............... |  | 2328-3 | 12/81 | 111.3 | 112.1 | 112.6 | 1.3 | . 4 |
| Men's jeans, dungarees, and jean-cut casual slacks ........................... |  | 2328-351 2328-35126 | 12/81 | 112.1 | 112.7 118.4 | 113.3 | 1.1 | . 5 |
| Denim ............................................................... |  | 2328-35126 2328-352 | $12 / 81$ $12 / 81$ | 117.5 108.8 | 118.4 110.2 | 119.3 110.2 | 2.9 1.4 | . 8 |
| Denim ........................................................................... |  | 2328-35226 | 12/81 | 112.2 | 114.1 | 114.2 | 1.9 | . 1 |
| Other fabrics |  | 2328-35229 | 12/81 | 102.3 | 102.8 | 102.8 | . 5 | 0 |
| Men's and boys' other work clothing ................................................. |  | 2328-4 | 12/81 | 115.3 | 116.0 | 116.0 | 2.2 | 0 |
| Men's other work clothing ................. |  | 2328-451 | 12/81 | 114.5 | 115.2 | 115.2 | 2.5 | 0 |
| Washable service apparel .. |  | 2328-45111 | 12/81 | 110.6 | 113.2 | 113.2 | 2.8 | 0 |
| Coveralls and other one piece work suits .................................. |  | 2328-45114 | 12/81 | 110.6 | 110.8 | 110.7 | 4.1 | -. 1 |
| Work pants, excluding jeans and dungarees ........................................ |  | 2328-45131 | 12/81 | 119.2 | 119.4 | 119.4 | 1.9 | 0 |
| Receipts for contract work on men's and boys' work clothing |  | 2328-9 2328-911 |  |  |  | (3) | (3) | $\left({ }^{3}\right)$ |
| Receipts for contract work on men's and boys ${ }^{2}$ work clothing Secondary products and miscellaneous receipts $\qquad$ |  | 2328-911 2328-SM | $12 / 81$ | 110.0 | 110.0 | () | () | () |
| Secondary products ................................................................................................. |  | 2328-S | 12/81 | 104.6 | 105.9 | 109.1 | 3.5 | 3.0 |
| Men's and boys' separate trousers ................................................ |  | 2327-S | 12/81 | 107.3 | 107.3 | 128.7 | 20.4 | 19.9 |
| Other secondary products .............................................................. |  | 2328-SSS | 12/81 | 104.2 | 105.7 | 105.7 | . 5 |  |
| Men's and boys' clothing, n.e.c. ............................................................................. | 2329 |  | 12/83 | 112.0 | 112.3 | 113.3 | 3.3 | . 9 |
| Primary products ............................................................................... |  | 2329-P | 12/83 | 111.2 | 111.5 | 112.5 | 3.2 | . 9 |
| Men's and boys' nontailored heavy jackets and coats ...................... |  | 2329-1 | 12/83 | 111.5 | 111.3 | 111.9 | 2.8 | 5 |
| Men's heavy nontailored jackets and coats, except uniform ................ |  | 2329-121 | 12/83 | 114.7 | 113.6 | 114.4 | 2.9 | . 7 |
| Other fabrics .................................................................................... |  | 2329-12103 | 12/83 | 117.6 | 117.7 | 118.7 | 3.0 | . 8 |
| Men's and boys' swimwear, sweaters, and outerwear n.e.c. ................... |  | 2329-2 | 12/83 | 110.9 | 111.7 | 113.2 | 3.8 | 1.3 |
| Swimwear and athletic shorts ......................................................... |  | 2329-22 | 12/83 | 110.1 | 110.1 | 110.1 | -. 7 | 0 |
| Men's swimsuits ..................................................... |  | 2329-221 | 12/83 | 110.7 | 110.7 | ${ }^{(3)}$ | (3) | (3) |
| Men's and boys' athletic shorts ................................................... |  | 2329-223 | 12/83 | 112.7 | 112.7 | 112.7 | 1.3 | 0 |
| Men's and boys' outerwear, n.e.c. ............................................................. |  | 2329-25 | 12/83 | 111.2 | 112.1 | 114.1 | 5.1 | 1.8 |
| Men's light nontailored jackets, except uniform ..............................- |  | 2329-255 |  |  |  |  |  |  |
| Chiefly cotton <br> Other fabrics |  | 2329-25501 | 05/86 $12 / 83$ | 109.3 | ${ }_{110.0}$ | 111.9 | 3.7 | 1.7 |
| Boys' light nontailored jackets, except uniform ................................. |  | 2329-258 |  |  |  |  |  |  |
| Other men's and boys' outerwear, n.e.c. ................................................ |  | 2329-259 | 12/83 | 116.8 | 119.2 | 119.2 | 3.0 | 0 |
| secondary products and miscellaneous receipts ....................................... |  | 2329-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 2329-M | 12/83 | 118.5 | 118.6 | 121.7 | 5.6 | 2.6 |
| Contract work .................................................................................. |  | 2329-Y99 | 12/83 | 118.5 | 118.6 | 121.8 | 5.6 | 2.7 |
| Secondary products ....................................................................................... |  | 2329-S | 12/83 | 114.1 | 114.5 | 114.5 | 2.2 | 0 |
| Women's, misses', and juniors' outerwear .................................................... | 233 |  | 12/84 | 110.0 | 109.8 | 110.2 | 1.8 | . 4 |
| Women's, misses', \& juniors' blouses, waists \& shirts ................................... | 2331 | 2331-P | 06/83 | 120.7 | 120.7 | 121.5 | 2.0 | . 7 |
| Primary products ................................................................................... |  |  | 06/83 | 120.1 | 120.1 | 121.2 | 1.4 | . 9 |
| Women's, misses', \& juniors' blouses, waists \& shirts, excluding contract work $\qquad$ |  | 2331-A | 06/86 | 106.0 | 106.0 | 107.2 | 1.7 | 1.1 |
| Women's, misses', \& juniors' knit outerwear sport \& sweat shirts ........ |  | 2331-2 | 04/84 | 92.4 | 92.4 | 92.4 | 1.7 | 0 |
| Knit outerwear sport shirts ........................................................... |  | 2331-243 | 04/84 | 92.6 | 92.6 | 92.6 | 1.8 | 0 |
| All cotton and chiefly cotton .................................................... |  | 2331-24311 | 04/84 | ${ }^{(3)}$ | ${ }^{(3)}$ | 134.8 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| All manmade and chiefly manmade fibers ........................................... |  | 2331-24315 | 06/84 | 105.7 | 105.7 | 105.7 | 0 | 0 |
| Women's, misses', \& juniors' blouses, waists, \& shirts, except knit sport \& sweat shirts $\qquad$ |  | 2331.7 | 06/83 | 136.0 | 136.0 | 137.9 | 1.8 | 1.4 |
| Knit blouses, waists, \& shirts ....................................................... |  | 2331-721 | 06/83 | 138.1 | 138.1 | 138.1 | 1.3 | 0 |
| All cotton and chiefly cotton ..................................................... |  | 2331.72116 | 06/86 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| All manmade and chiefly manmade fibers ................................... |  | 2331.72117 | 06/83 | 140.4 | 140.4 | 140.4 | . 5 | 0 |
| Woven blouses, waists, \& shirts .............................................................. |  | $2331-723$ | 06/83 | 134.3 | 134.3 | 137.7 | 2.0 | 2.5 |
| All cotton and chiefly cotton ......................................................... |  | 2331-72316 | 06/85 | 113.0 | ( ${ }^{3}$ ) | $(3)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| All manmade and chiefly manmade fibers .................................. |  | 2331-72317 | 06/83 | 132.2 | 132.2 | 137.5 | 2.3 | 4.0 |
| Contract work on women's, misses', \& juniors' blouses, waists, \& shirts |  | 2331-9 | 06/83 | 104.0 | 104.1 | 104.1 | . 3 | . 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 2331-SM |  |  |  |  |  |  |
| Secondary products ............................................................................... |  | 2331-S | 06/83 | 113.1 | 113.1 | 112.8 | 4.9 | -. 3 |
| Other secondary products ................................................................ |  | 2331-SSS | 06/83 | 114.0 | ${ }^{(3)}$ | 113.5 | 5.9 | ${ }_{(3)}$ |
| Women's, misses', \& juniors' outerwear, n.e.c. ..................................... |  | 2339-S | 06/83 | 111.9 | 111.9 | ${ }^{(3)}$ | (3) | $\left.{ }^{3}\right)$ |
| Women's, misses', and juniors' dresses ........................................................ | 2335 |  | 12/80 | 122.2 | 121.6 | 121.7 | 4.5 | - 1 |
| Primary products ................................................................................ |  | 2335-P | 12/80 | 124.1 | 123.5 | 123.6 | 4.9 | . 1 |
| Dresses not made on a contract basis ................................................ |  | 2335-A | 06/86 | 111.5 | 110.7 | 110.8 | 6.2 | . 1 |
| Unit priced dresses ........................................................................ |  | 2335-1 | 12/80 | 123.4 | 122.5 | 122.6 | 6.2 | . 1 |
| Unit priced - chiefly cotton .......................................................... |  | 2335-121 | 05/83 | 133.1 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Unit priced - chiefly synthetic ........................................................ |  | 2335-125 | 12/80 | 120.3 | 119.3 | 119.4 | 6.6 | .$^{.1}$ |
| Unit priced - chiefly other material ............................................................ |  | 2335-129 | 06/86 | 96.5 | ${ }^{(3)}$ | (3) | ${ }^{3}$ ) |  |
| Contract work on women's and misses' dresses ................................... |  | 2335-9 | 12/80 | 129.1 | 129.2 | 129.2 | . 7 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Women's, misses', and juniors' dresses-Continued | 2337 | $\begin{aligned} & 2335-\mathrm{SM} \\ & 2335-\mathrm{S} \\ & 2335-\mathrm{SSS} \\ & 2337-\mathrm{S} \end{aligned}$ | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \\ & 12 / 80 \end{aligned}$ | $\begin{gathered} 117.2 \\ \left({ }^{3}\right) \\ 123.4 \end{gathered}$ | $\begin{aligned} & 117.2 \\ & 111.0 \\ & 123.4 \end{aligned}$ | $\begin{aligned} & 117.2 \\ & 111.0 \\ & 123.4 \end{aligned}$ | $\begin{array}{r} -1.4 \\ -3.0 \\ 0 \end{array}$ | 000 |
| Secondary products and miscellaneous receipts ......... |  |  |  |  |  |  |  |  |
| Secondary products ...................................... |  |  |  |  |  |  |  |  |
| Other secondary products |  |  |  |  |  |  |  |  |
| Women's and misses' suits and coats .............................................. |  |  |  |  |  |  |  |  |
| Women's, misses', and juniors' suits and coats <br> Primary products $\qquad$ <br> Coats, suits, and skirts, excluding contract work $\qquad$ |  |  | 12/82 | 107.4 | 108.1 | 107.9 | -. 6 | -. 2 |
|  |  | 2337-P | 12/82 | 108.8 | 109.6 | 109.1 | -1.8 | -. 5 |
|  |  | 2337-A | 06/86 | 103.6 | 104.8 | 104.1 | -3.2 | -. 7 |
| Coats, except fur, all leather, and rain .............................................. |  | 2337-1 | 12/82 | 103.5 | 105.9 | 105.9 | 1.8 | 0 |
| All wool and chiefly wool ............................................................. |  | 2337-122 | 12/82 | ${ }^{(3)}$ | 117.5 | 117.5 | 0 | 0 |
| Suits ............................................................................................. |  | 2337-2 | 12/82 | 110.4 | ${ }^{(3)}$ | 104.6 | -5.3 | ${ }^{(3)}$ |
| Other suits, including uniforms ...................................................... |  | 2337-251 | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Woven |  | 2337-25101 | 12/82 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Skirts and jackets ....................... |  | 2337-4 | 12/82 | 102.5 | 110.9 | 107.5 | -6.2 | -3.1 |
| Skirts, including uniform |  | 2337-41 | 12/82 | 102.0 | 115.4 | 109.5 | -10.5 | -5.1 |
| Woven ................................................................................... |  | 2337-415 | 12/82 | 115.4 | ${ }^{(3)}$ | 121.5 | 7.0 | $\left({ }^{3}\right)$ |
| Jackets ..................................................................................... |  | 2337-42 | 12/82 | 103.3 | 104.4 | 104.5 | 1.2 | . 1 |
| Separate tailored suit-type jackets, including uniform ..................... |  | 2337-422 | 12/82 | 103.9 | 105.1 | 105.3 | 1.3 | . 2 |
| Woven ............................................................................. |  | 2337-42201 | 12/82 | 88.9 | 89.9 | 90.0 | 1.2 | . 1 |
| Contract work on women's, misses' and juniors' suits and coats ............ |  | 2337-9 | 12/82 | 122.5 | 121.2 | 121.7 | 3.6 | . 4 |
| Contract work on women's, misses' and juniors' suits and coats ......... |  | 2337-911 | 12/82 | 122.5 | 121.2 | 121.7 | 3.6 | . 4 |
| Secondary products and miscellaneous receipts ...................................... |  | 2337-SM |  |  |  |  |  |  |
| Secondary products ........................................................................ |  | 2337-S | 12/82 | 110.6 | 111.4 | 111.9 | 4.1 | 4 |
| Women's, misses' and juniors' blouses, waists and shirts ................... |  | 2331-S | 12/82 | 120.5 | 120.6 | 120.6 | ${ }^{7.5}$ | $\left.{ }^{3}\right)$ |
| Other secondary products .............................................................. |  | 2337-SSS | $\begin{aligned} & 06 / 86 \\ & 12 / 82 \end{aligned}$ | (3)$94.8$ | 113.4 96.9 | ${ }^{3}$ ) |  |  |
| Women's, misses' and juniors' outenwear, n.e.c. ................................... |  | 2339-S |  |  | 96.9 | 98.3 | 2.0 | 1.4 |
| Women's, misses', and juniors' outerwear, n.e.c. | 2339 | 233 | 06/83 | 101.8 | 100.8 | 102.0 | 1.0 | 1.2 |
| Primary products ........... |  | 2339-P | 06/83 | 103.4 | 102.8 | 103.3 | . 3 | . 5 |
| Non-commission women's, misses', and juniors' outerwear, n.e.c. .......... |  | 2339-A | 06/86 | 104.0 | 102.8 | 103.2 | -. 4 | . 4 |
| Washable service apparel .............................................................. |  | 2339-2 | 06/86 | 106.7 | 106.7 | 106.7 | 5.9 | 0 |
| Nurses', maids', waitresses', and similar uniforms ............................ |  | 2339-213 | 06/86 | 106.7 | 106.7 | 106.7 | 5.9 | 0 |
| Bathing suits ................................................................................. |  | 2339-4 | 12/83 | 125.3 | 112.5 | 117.4 | -5.2 | 4.4 |
| Slacks ......................................................................................... |  | 2339-5 | 06/83 | 93.2 | 93.3 | 93.3 | -. 7 | 0 |
| Jean-cut casual slacks .... |  | 2339-541 | 06/83 | 96.1 | 96.1 | 96.1 | 0 | 0 |
| All cotton and chiefly cotton ..................................................... |  | 2339-54101 | 06/83 | 96.1 | 96.1 | 96.1 | 0 | 0 |
| Other slacks .............................................................................. |  | 2339-565 | 06/83 | 92.0 | 92.1 | 92.1 | -1.1 | 0 |
| Knit fabric ............................................................................... |  | 2339-5651 | 06/83 | 108.5 | 108.9 | 108.8 | 4.3 | -. 1 |
| Fabric other than all cotton and chiefly cotton ........................... |  | 2339-56512 | 06/83 | 109.8 | 110.2 | 110.2 | 5.1 | 0 |
| Woven fabric .......................................................................... |  | 2339-5652 | 06/83 | 79.2 | 79.2 | 79.2 | -6.2 | 0 |
| Fabric other than all cotton and chiefly cotton .......................... |  | 2339-56522 | 06/83 | 72.0 | 72.0 | 72.0 | -11.1 | 0 |
| Other outerwear, n.e.c. .................................................................. |  | 2339-7 | 06/83 | 112.2 | 112.3 | 112.2 | . 4 | -. 1 |
| Play garments and dungarees ...................................................... |  | 2339-71 | 08/83 | 109.4 | 109.5 | 109.5 | . 6 | 0 |
| Playshorts, pedal pushers, bermudas, and jamaicas ..................... |  | 2339.716 | 06/84 | 109.1 | 109.1 | 109.1 | -. 4 | 0 |
| Other play garments, including playsuits, beachtops, and halters ... Contract and commission work on women's, misses', and juniors' |  | 2339-719 | 10/83 | 112.4 | ${ }^{(3)}$ | 112.4 | 4.8 | (3) |
| outerwear, n.e.c. |  | 2339-9 | 06/83 | 111.6 | 113.4 | 113.9 | 2.3 | . 4 |
| Contract and commission work on women's, misses', and juniors' outerwear, n.e.c. $\qquad$ |  | 2339-911 | 06/83 | 111.6 | 113.4 | 113.9 | 2.3 | 4 |
| Secondary products and miscellaneous receipts ....................................... |  | 2339-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................... |  | 2339-M | 10/83 | 127.2 | 117.1 | 140.9 | 9.1 | 20.3 |
| Resales ................................................................................................. |  | 2339-Z89 | 10/83 | 127.2 | 117.1 | 140.9 | 9.1 | 20.3 |
| Secondary products ............................................................................ |  | 2339-S | 06/83 | 98.7 | 99.5 | 99.6 | 3.9 | . 1 |
| Women's, misses', and juniors' blouses, waists, and shirts .................. |  | 2331-S | 06/83 | 94.3 | 95.6 | 95.6 | 1.5 | 0 |
| Women's, misses', and juniors' suits, skirts, and coats ....................... |  | 2337-S | 06/83 | 94.8 | 95.6 | 96.2 | 1.9 | 6 |
| Other secondary products ............................................................... |  | 2339-SSS | 06/83 | 99.9 | 99.9 | 99.8 | . 4 | -. 1 |
| Women's, misses', children's, and infants' undergarments .............................. | 234 |  | $12 / 84$ | 109.4 | 108.5 | 109.3 | 1.6 | . 7 |
| Women's and children's underwear and nightwear ......................................... | 2341 |  | 06/82 | 111.9 | . 111.4 | 111.7 | 1.2 | . 3 |
| Primary products ............................................................................... |  | 2341-P | 06/82 | 113.7 | 113.7 | 114.0 | 1.8 | . 3 |
| Women's and children's underwear and nightwear, excluding contract work |  | 2341-A | 12/87 | 103.4 | 103.3 | 103.4 | 1.41.4 | . 1 |
| Underwear .................................................................................... |  | 2341-2 | 06/82 | 118.1 | 117.6 | 117.5 |  | -. 1 |
| Women's underwear .................................................................. |  | $\begin{aligned} & 2341-21 \\ & 2341-211 \end{aligned}$ | 06/82 | 114.6 | 114.0 | 113.9 | .41.4 | -. 1 |
| Slips, half slips, and petticoats ................................................... |  |  | 06/82 | 110.5 | 110.5 | 110.5 |  | 0 |
| Chiefly synthetic fibers .......................................................... |  | $\begin{aligned} & 2341-211 \\ & 2341-2113 \end{aligned}$ | $\begin{aligned} & 06 / 82 \\ & 06 / 82 \end{aligned}$ | 109.6 | 109.6 | 109.6 | $\begin{aligned} & 1.3 \\ & 2.1 \end{aligned}$ |  |
| Panties ................................................................................... |  | $\begin{aligned} & 2341-213 \\ & 2341-214 \end{aligned}$ |  | 116.3 | 117.7 | 117.5 |  | -. 2 |
| Other women's underwear ....................................................... |  |  | 06/82 | 129.1 | 120.0 | 120.0 | $\begin{array}{r} 2.1 \\ -6.4 \end{array}$ | 0 |
| Girls', children's and infants' underwear ........................................ |  | $\begin{aligned} & 2341-214 \\ & 2341-22 \end{aligned}$ | 06/82 | 133.5 | 133.5 | 133.5 | $\begin{array}{r} -6.4 \\ 5.5 \end{array}$ | 0 |
| Panties .................................................................................. |  | $2341-223$$2341-225$ | 06/82 | 122.3 | 122.3 | 122.3 | 2.7 | 0 |
| Other girls', children's and infants' underwear ............................. |  |  | 06/82 | 149.7 | 149.7 | 149.7 | 8.6 | 0 |
| Nightwear ..................................................................................... |  | 2341-3 | 06/82 | 109.6 | 109.9 | 110.0 | 1.3 | . 1 |
| Women's nightwear .................................................................... |  | 2341-31 | 06/82 | 108.3 | 108.6 | 108.6 | 1.0 | 0 |
| Nightgowns ............................................................................ |  | 2341-315 | 06/82 | 107.4 | 107.6 | 107.7 | -. 2 | . 1 |
| Chiefly synthetic fibers .......................................................... |  | 2341-3153 | 06/82 | 111.2 | 111.4 | 111.4 | -. 3 | 0 |
| Pajamas ................................................................................. |  | 2341-316 | 06/82 | 111.0 | 111.9 | 111.9 | 6.8 | 0 |
| Chiefly synthetic fibers .......................................................... |  | 2341-3163 | 06/82 | 111.0 | 111.9 | 111.9 | 6.8 | 0 |
| Other women's nightwear ......................................................... |  | 2341-317 | 06/82 | 111.2 | 111.2 | 111.2 | 2.7 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Girls', children's, \& infants' outerwear, n.e.c.-Continued | 2371 | $\begin{aligned} & 2369-346 \\ & 2369-34611 \end{aligned}$ |  | 103.5 | 102.7 | 102.7 | $\begin{aligned} & -0.6 \\ & \left({ }^{3}\right) \end{aligned}$ | 0 |
|  |  |  |  |  |  |  |  |  |
| All or chiafly man-made .................................... |  |  | 12/88 | 103.6 | 102.5 | 102.5 |  | 0 |
| Other outerwear: skirts, swimsuits, headwear, neckwear, buntings, robes, etc. |  | 2369-39 | 12/84 | 106.6 | 106.3 | 106.3 | -. 1 | 0 |
| Skirts ................................................................................................ |  | 2369-393 | 12/84 | 101.5 | 101.5 | 101.5 | . 6 | 0 |
| Headwear, neckwear, buntings, robes, etc. ............................... |  | 2369-398 | 12/84 | 116.0 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | (3) |
| Contract work on children's outerwear, n.e.c. ....................... |  | 2369-9 | 12/84 | 100.6 | 100.6 | 100.6 | 0 | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2369-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2369-S | 12/84 | 98.5 | 99.2 | 99.4 | 2.9 | . 2 |
| Girls', children's, and infants' dresses, blouses, \& shirts ..................... |  | 2361-S | 12/84 | 100.4 | 100.4 | 100.4 | 1.0 | 0 |
| Other secondary products ............................................................. |  | 2369-SSS | 12/84 | 96.8 | 97.9 | 98.2 | 4.1 | . 3 |
| Fur goods ............................................................................................................. |  |  | 12/83 | 108.5 | 103.2 | 103.4 | -10.1 | 2 |
| Primary products ................................................................................. |  | 2371-P | 12/83 | 110.8 | 105.2 | 105.4 | -9.5 | . 2 |
| Fur products ........................................................................... |  | 2371-1 | 12/83 | 110.8 | 105.2 | 105.4 | -9.5 | . 2 |
| Mink ....................................................................................... |  | 2371-111 | 12/83 | 109.2 | 106.1 | 106.4 | -7.5 | . 3 |
| Miscellaneous apparel and accessories ........................................................ | 238 |  | 06/85 | 110.3 | 111.7 | 111.4 | 4.1 | -. 3 |
| Fabric dress and work gloves | 2381 |  | 06/85 | 109.6 | 110.5 | 111.6 | 5.2 | 1.0 |
| Primary products ............. |  | 2381-P | 06/85 | 107.7 | 107.7 | 109.0 | 3.1 | 1.2 |
| Work gloves and mittens.. |  | 2381-2 | 06/85 | 108.2 | 108.2 | 108.8 | 2.5 | . 6 |
| All fabric ....................................................................................... |  | 2381-211 | 06/85 | 108.1 | 108.1 | 108.1 | 2.1 | 0 |
| Single canton flannel |  | 2381-21122 | 06/85 | 105.8 | 105.8 | 105.8 | 1.8 | 0 |
| Double canton flannel ..... |  | 2381-21124 | 06/85 | 106.7 | 106.7 | 106.7 | 1.7 | 0 |
| Fleeced cotton jersey .... |  | 2381-21132 | 06/85 | 106.6 | 106.7 | 106.7 | 3.1 | 0 |
| Leather or plastic and fabric combinations ....................................... |  | 2381-251 | 06/85 | 109.0 | 109.0 | 113.1 | 5.3 | 3.8 |
| Secondary products and miscellaneous receipts ........................................... |  | 2381-SM2381-S | $06 / 85$ | 126.5 | 126.5 | 126.5 | 11.7 | 0 |
| Secondary products ...................................................................................... |  |  |  |  |  |  |  |  |
| Robes and dressing gowns, except children's .............................................. | 2384 |  | 06/85 | 105.9 | 106.2 | 106.1 | 3.1 | -. 1 |
| Primary products .................................................................................. |  | 2384-P | 06/85 | 105.1 | 106.2 | 106.0 | 3.7 | -. 2 |
| Women's, misses' and juniors' robes and dressing gowns ..................... |  | 2384-2 | 06/85 | 104.0 | 104.9 | 105.3 | 3.5 | . 4 |
| All other fabrics ............................................................................. |  | 2384-203 | 06/85 | 104.8 | 104.8 | 104.8 | 2.7 | 0 |
| Secondary products and miscellaneous reciepts ......................................... |  | 2384-SM |  |  |  |  |  |  |
| Miscellaneous reciepts ...................................................................... |  | 2384-M | 06/85 | 110.6 | 107.1 | 107.1 | 2.0 | 0 |
| Secondary products ......................................................................... |  | 2384-S | 06/85 | 104.8 | 104.9 | 105.6 | . 8 | . 7 |
| Waterproof outer garments ....................................................................... | 2385 |  | 06/85 | 112.0 | 115.3 | 113.3 | 4.5 | -1.7 |
| Primary products ................................................................................ |  | 2385-P | 06/85 | 112.7 | 116.3 | 114.1 | 4.7 | -1.9 |
| Raincoats and raincapes ................................................................ |  | 2385-141 | 06/85 | 112.2 | 116.3 | 113.8 | 4.16.5 | -2.1 |
| Men's and boys' .-...................................... |  | $\begin{aligned} & \text { 2385-14111 } \\ & 2385-14122 \end{aligned}$ | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | $\begin{aligned} & 110.2 \\ & 113.5 \end{aligned}$ | 114.2 ${ }^{3}$ ) 116.9 | 114.2 ${ }^{(3)}$ 116.9 |  | (3) ${ }_{0}$ |
| Women's, misses', and juniors' ..................................................... |  |  |  |  |  |  | $\begin{aligned} & 6.5 \\ & \left(^{3}\right) \end{aligned}$ |  |
| Other waterproof outer garments ................................................................ |  | $\begin{aligned} & 2385-198 \\ & 2385-S M \\ & 2385-S \end{aligned}$ | 06/85 | 116.9 |  |  |  |  |
|  |  |  |  |  | 109.1 | 108.9 | 4.4 | -. 2 |
| Secondary products ......................................................................... |  |  | 06/85 | 108.5 |  |  |  |  |
| Leather and sheep lined clothing.. | 2386 |  | 12/85 | $119.9$ |  | 122.0 | 3.7 | -. 4 |
| Primary products ........................................ |  | 2386-P | 12/85 | 118.6 | 121.6 | 121.0 | 4.2 | -.5-.3 |
| Leather coats and jackets ................................................................. |  | $\begin{aligned} & 2386 \cdot 1 A \\ & 2386-101 \end{aligned}$ | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | $\begin{aligned} & 119.3 \\ & 126.0 \end{aligned}$ | 122.4127.5 | 122.0126.6 | 4.52.9 |  |
| Men's and boys' ........................................................................... |  |  |  |  |  |  |  | -. 7 |
| Women's, misses', and juniors' ....................................................... |  | 2386-102 | 12/85 | 112.2 | 117.0 | 117.0 | 6.3 | 0 |
| Apparel belts ............................................................................................................ | 2387 |  | 06/85 | 109.6 | 110.4 | 110.4 | 4.7 | 0 |
| Primary products ................................................................................ |  |  | 06/85 | 108.3 | 108.8 110.9 | 108.8 | 3.94.1 | 0 |
| Leather belts .................................................................................. |  | 2387-P | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 110.2 | 110.9 | 110.9 |  |  |
| Women's and children's made for sale separately ............................. |  | 2387-115 |  | $\begin{aligned} & 102.6 \\ & 115.1 \end{aligned}$ | $\left({ }^{3}\right)$ | 103.1 | -. 6 | ${ }^{(3)}$ |
| Men's and boys' ........................................................................... |  | 2387-151 | 06/85 |  | 115.9 | 115.9 | 4.6 | 0 |
| Belts other than leather .................................................................... |  | 2387-2 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 104.1 | 104.1 | 104.1 | 3.3 | 0 |
| Women's and children's made for sale separately .............................. |  | 2387-215 |  | $\begin{aligned} & 106.5 \\ & 110.5 \end{aligned}$ | $\left({ }^{3}\right)$ | 106.5 | 4.7 | $\left({ }^{3}\right)$ |
| Men's and boys' ........................................................................... |  | 2387-251 | 06/85 |  | 110.5 | 110.5 | 6.8 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2387-SM | 06/85 | 115.7 | 117.8 | 117.8 | 8.6 | 0 |
| Secondary products ................................................................................... |  | 2387-S |  |  |  |  |  |  |
| Apparel and accessories, n.e.c. .................................................................. | 2389 |  | 12/85 | 106.8106.2 | 107.2 | 107.9 | 3.0 | . 7 |
| Primary products ................................................................................. |  | 2389-P | 12/85 |  | 106.6 | 107.5 | 2.9 | . 8 |
| Burial garments ............................................................................. |  | 2389-181 | 12/85 | 110.0 | 112.1 | 112.1 | 3.3 | 0 |
| Academic caps and gowns and costumes, including theatrical ............. |  | 2389-191 | 12/85 | 108.1 | 108.6 | 110.3 | 4.1 | 1.6 |
| Secondary products and miscellaneous receipts ....................................... |  | 2389-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2389-M | 12/85 | 111.2 | 111.2 | 111.2 | 5.3 | 0 |
| Secondary products .......................................................................... |  | 2389-S | 12/85 | 106.9 | 107.2 | 107.2 | 1.0 | 0 |
| Miscellaneous fabricated textile products ....................................................... | 239 |  | 12/84 | 107.1 | 107.7 | 108.0 | 2.7 | . 3 |
| Curtains and draperies .................................................................................... | 2391 |  | 06/84 | 110.2 | 110.7 | 111.1 | 2.3 | . 4 |
| Primary products ................................................................................. |  | 2391-P | 06/84 | 108.3 | 108.6 | 109.0 | 1.2 | 4 |
| Curtains, except lace ........................................................................ |  | 2391-2 | 06/84 | 108.4 | 108.6 | 108.6 | . 2 | 0 |
| Wholly or chiefly cotton fabrics ......................................................... |  | 2391-211 | 06/84 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | 101.1 | 0 | ${ }^{(3)}$ |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Curtains and draperies-Continued <br> Wholly or chiefly manmade fiber fabrics, plastics, and other materials $\qquad$ | 2392 |  | 06/84 | 110.1 | 110.4 | 110.4 | 0.3 | 0 |
|  |  | 2391-222 |  |  |  |  |  |  |
| Chiefly polyester fabrics ............................................................................. |  | 2391-22273 | 06/84 | 110.1 | 110.4 | 110.4 | . 3 | 0 |
| Other materials, including plastics ........................................................ |  | 2391-22274 | 06/89 | (3) | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Draperies ......................................................................................... |  | 2391-4 | 06/84 | 108.2 | 108.5 | 109.2 | 1.8 | . 6 |
| Wholly or chiefly cotton fabrics |  | 2391-411 | 06/84 | 106.4 | 106.7 | 106.7 | -2.3 | 0 |
| Wholly or chiefly manmade fiber fabrics, plastics, and other materials $\qquad$ |  | $\begin{aligned} & 2391-444 \\ & 2391-44471 \end{aligned}$ | 06/84 | 109.0 | 109.3 | 110.2 | 3.5 | . 8 |
| Chiefly rayon and acetate fabrics ................................................ |  |  | 06/84. | 106.6 | 106.9 | 108.1 | 3.3 | 1.1 |
| Nylon and other manmade fiber fabrics, excluding rayon, acetate, and polyester $\qquad$ |  | 2391-44472 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | $(3)^{3}$ | 0 |
| Chiefly polyester fabrics ................................................................ |  | 2391-44473 | 06/84 | 111.4 | 111.8 | 112.6 | 3.9 | . 7 |
| Other materials, including plastics ................................................. |  | 2391-44474 | 12/84 | 105.5 | $\left({ }^{3}\right)$ | 105.5 | 1.6 | (3) |
| Secondary products and miscellaneous receipts ...................................... |  | 2391-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 2391-M | 06/84 | 126.9 | 129.7 | 129.7 | 12.1 | 0 |
| Contract work and other miscellaneous receipts .................................. |  | $\begin{aligned} & 2391-X Y 9 \\ & 2391-S \end{aligned}$ | 06/84 | 121.9 | 121.9 | 121.9 | 3.2 | 0 |
| Secondary products ......................................................................... |  |  | 06/84 | 115.2 | 114.7 | 114.7 |  | 0 |
| House furnishings, n.e.c. ............................................................................ |  |  | 06/83 | 104.9 | 105.4 | 105.9 | 1.5 | . 5 |
|  |  | 2392-P | 06/83 | 103.5 | 104.0 | 104.5 | 1.5 | . 5 |
|  |  | 2392-A | 06/83 | 105.1 | 105.3 | 106.1 | 1.4 | . 8 |
| Tailored, quilted ................................................................ |  | 2392-A11 | 06/88 | 100.6 | 100.7 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Nontailored, except tufted .............................................................. |  | 2392-A14 | 06/88 | 100.3 | 100.7 | 101.0 | 1.0 | 3 |
| Sheets and pillowcases ...................................................................... |  | 2392-2 | 06/83 | 105.9 | ${ }^{(3)}$ | 106.7 | 1.3 | ${ }^{(3)}$ |
| Towels and washcloths. |  | 2392-3 | 06/83 | 96.2 | 96.2 | 96.2 | 0 | 0 |
| Other house furnishings.. |  | 2392-4 | 06/83 | 104.4 | 105.0 | 105.7 | 1.9 | . 7 |
| Comforters ........................................................................... |  | 2392-423 | 06/83 | 88.2 | 88.4 | 88.3 | 1.1 | -. 1 |
| Blankets .................................................. |  | 2392-482 | 06/88 | 102.7 | 102.7 | 105.1 | 4.4 | 2.3 |
| Crib size ............................................................................. |  | 2392-48286 | 06/88 | 102.5 | 102.5 | 104.1 | 4.1 | 1.6 |
| All other housefurnishings, except blankets and comforters ................ |  | 2392-4C | 06/88 | 100.8 | 101.5 | 102.1 | 1.7 | . 6 |
| Shower/bath curtains, including plastic ......................................... |  | 2392-419 | 06/83 | 90.6 | 90.6 | 91.7 | 4.9 | 1.2 |
| Mattress protectors ................................................................ |  | 2392-431 | 06/83 | 97.1 | 99.5 | 99.6 | 3.3 | . 1 |
| Bed pillows .......................................................................... |  | 2392-451 | 06/83 | 97.2 | 98.9 | 98.9 | -2.5 | 0 |
| Fancy pillows and cushions ..................................................... |  | 2392-455 | 06/83 | 106.8 | 107.7 | 108.2 | 1.5 | . 5 |
| Foam .................................................................................... |  | 2392-45557 | 06/83 | 105.1 | 105.1 | 106.4 | 2.1 | 1.2 |
| Other materials ................................................................. |  | 2392-45559 | 06/83 | 107.4 | 108.6 | 108.8 | 1.2 | . 2 |
| Mops and dusters .... |  | 2392-477 | 06/83 | 110.1 | 109.7 | 109.7 | -. 3 | 0 |
| Sponge mops ......................................................................... |  | 2392-47775 | 06/83 | 102.6 | 103.0 | 103.0 | -. 9 | 0 |
| All other house furnishings ......................................................... |  | 2392-498 | 06/83 | 117.9 | 118.8 | 118.8 | 1.9 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2392-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2392-M | 06/83 | 106.1 | 106.1 | 106.1 | 2.2 | 0 |
| Contract work and other miscellaneous receipts ............................... |  | 2392-XY9 | 06/83 | 104.9 | 104.9 | 104.9 | 1.5 | 0 |
| Resales ......................................................................................... |  | 2392-Z89 | 06/83 | 107.6 | 107.4 | 107.5 | 3.2 | 1 |
| Secondary products ......................................................................... |  | 2392-S | 06/83 | 116.5 | 116.9 | 116.9 | . 9 | 0 |
| Textile bags ........................................................................................................... | 2393 |  | 12/85 | 106.7 | 106.3 | 107.9 | 3.1 | 1.5 |
| Primary products ................................................................................ |  | 2393-P | 12/85 | 106.3 | 106.3 | 108.5 | 4.1 | 2.1 |
| Vegetable fiber bags ........................................................................ |  | 2393 -1 | 12/85 | 104.1 | 104.2 | 108.1 | 4.8 | 3.7 |
| Cotton, including cotton canvas and open mesh cotton ..................... |  | 2393-121 | 12/85 | 123.6 | 123.6 | 123.6 | 1.0 | 0 |
| Other textile bags ............................................................................................ |  | 2393-2 | 12/85 | 109.1 | 109.1 | 109.1 | 3.3 | 0 |
| Wholly or chiefly manmade fiber fabrics .......................................... |  | 2393-241 | 12/85 | 108.7 | 108.7 | 108.7 | 3.3 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 2393-SM |  |  |  |  |  |  |
| Secondary products ...................................................................................... |  | 2393-S | 12/85 | 107.4 | 104.0 | 104.0 | . 2 | . 0 |
| Canvas and related products ...................................................................... | 2394 |  | 12/85 | 112.8 | 114.7 | 114.4 | 4.7 | -. 3 |
| Primary products ............................................................................... |  | 2394-P | 12/85 | 113.0 | 114.4 | 114.0 | 4.2 | -. 3 |
| Awnings ........................................................................................ |  | 2394-211 | 12/85 | 123.1 | 122.8 | 120.2 | 4.4 | -2.1 |
| Tents ............................................................................................... |  | 2394-3 | 12/85 | 110.5 | 111.2 | 111.4 | 4.2 | . 2 |
| Camping tents .............................................................................. |  | 2394-344 | 12/85 | 116.3 | 116.3 | 116.3 | 4.2 | 0 |
| Other tents .................................................................................. |  | 2394-366 | 12/85 | 102.7 | 104.3 | 104.8 | 4.3 | . 5 |
| Commercial and other tents ....................................................... |  | 2394-36637 | 12/85 | 103.4 | 105.0 | 105.4 | 4.2 | . 4 |
| Tarpaulins and other covers ............................................................. |  | 2394-5 | 12/85 | 114.4 | 116.0 | 115.6 | 3.8 | -. 3 |
| Flat .................................................................................... |  | 2394-533 | 12/85 | 115.9 | 117.0 | 116.3 | 2.8 | -. 6 |
| Fitted ................................................................................................... |  | 2394-555 | 12/85 | 112.6 | 114.9 | 114.9 | 5.1 | 0 |
| Other products ................................................................................. |  | 2394-8 | 12/85 | 110.2 | 113.2 | 113.2 | 4.5 | 0 |
| Sails .......... |  | 2394-877 | 12/85 | 125.4 | 125.4 | 125.4 | 3.5 | 0 |
| Other products, including shades, air cushions, fuel containers, etc. |  | 2394-898 | 12/85 | 100.1 | 105.1 | 105.1 | 5.4 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 2394-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2394-S | 12/85 | 130.9 | 130.0 | 130.0 | 6.6 | 0 |
| Pleating, Stitching, and Tucking ............................................................................... | 2395 |  | 12/85 | 113.4 | 114.2 | 114.3 | 4.7 | . 1 |
| Primary products ............................................................................... |  | 2395-P | 12/85 | 113.5 | 114.4 | 114.6 | 4.4 | 2 |
| Embroideries, stamped art goods, other needlework, printing on purchased fabric $\qquad$ |  | 2395-1 | 12/85 | 112.0 | 113.0 | 113.0 | 4.7 | 0 |
| Embroideries, including embroidered art needlework ........................... |  | 2395-112 | 12/85 | 111.5 | 111.5 | 111.5 | 2.7 | 0 |
| Stamped art goods for embroidering needlework, punching, etc. and other needlework |  | 2395-131 | 12/85 | 119.0 | 123.2 | 123.2 | 10.6 | 0 |
| Printing on purchased fabricated textile products, including silk screen $\qquad$ |  | 2395-141 | 12/85 | 108.2 | 108.8 | 108.8 | 4.1 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Pleating, Stitching, and Tucking-Continued <br> Commission embroidering, printing, tucking, pleating, etc. for the trade $\qquad$ $\qquad$ $\qquad$ $\qquad$ <br> Contract tucking, pleating, hemstitching, etc. $\qquad$ <br> Contract printing for the trade $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ | 2396 | $\begin{aligned} & 2395-9 \\ & 2395-931 \\ & 2395-941 \\ & 2395-\mathrm{SM} \\ & 2395-\mathrm{S} \end{aligned}$ |  | 124.1 | 124.1 | 124.9 | 2.0 | 0.6 |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 12/85 | 116.9 | 116.9 | 118.8 | 4.9 | 1.6 |
|  |  |  | 12/85 | 102.4 | 102.4 | 102.4 | 0 | 0 |
|  |  |  |  | 123.4 | 123.4 | 123.4 | 13.1 | 0 |
|  |  |  |  |  |  |  |  |  |
| Automotive trimmings, apparel findings, and related products . |  |  | 12/83 | 106.5 | 106.9 | 106.9 | 3.6 | 0 |
| Primary products ........................................................... |  | 2396-P | 12/83 | 106.3 | 106.6 | 106.6 | 3.6 | 0 |
| Men's and boys' suit and coat findings, and hat and cap trimmings .... |  | 2396-1 | 12/83 | 117.2 | 117.5 | 117.5 | 2.8 | 0 |
| Men's and boys' coat, suit, and trouser findings ............................... |  | 2396-111 | 12/83 | 119.8 | 119.8 | 119.8 | 2.7 | 0 |
| Automotive trimmings ....................................................................... |  | 2396-2 | 12/83 | 105.7 | 106.2 | 106.1 | 3.8 | -. 1 |
| Other trimmings and findings. |  | 2396-3 | 12/83 | 105.2 | 104.5 | 105.0 | 1.8 | . 5 |
| Women's and children's apparel trimmings and findings |  | 2396-311 | 12/83 | 106.0 | 104.2 | 105.4 | 2.2 | 1.2 |
| Secondary products and miscellaneous receipts ....................................... |  | 2396-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................................................... |  | 2396-M | 12/83 | 106.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ |
| Contract work and other miscellaneous receipts ................................ |  | 2396-XY9 | 12/83 | 101.4 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Secondary products ......................................................................... |  | 2396-S | 12/83 | 120.3 | 120.3 | 120.3 | 1.3 | 0 |
| Schiffli machine embroideries ........................................................................ | 2397 |  | 06/85 | 122.3 | 126.4 | 126.5 | 4.5 | . 1 |
| Primary products ............................................................................. |  | 2397-P | 06/85 | 123.9 | 128.5 | 128.5 | 4.6 | 0 |
| Eyelet .......................................................................................... |  | 2397-113 | 06/85 | 133.2 | 133.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Novelties .................................................................................... |  | 2397-115 | 06/85 | 116.8 | 124.8 | 124.8 | 8.7 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 2397-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2397-M | 06/85 | 101.7 | 102.2 | 102.0 | 3 | -. 2 |
| Contract work and other miscellaneous receipts .................................. |  | 2397-XY9 | 06/85 | 101.7 | 102.2 | 102.0 | . 3 | -. 2 |
| Fabricated textile products, n.e.c. .................................................................. | 2399 |  | 12/85 | 98.9 | 99.2 | 99.9 | 1.7 | . 7 |
| Primary products ................................................................................ |  | 2399-P | 12/85 | 98.6 | 98.7 | 99.3 | 1.4 | . 6 |
| Automobile seat covers ................................................................. |  | 2399-115 | 12/85 | 120.2 | 120.2 | 120.2 | 4.3 | 0 |
| Seat or safety belts, including shoulder harnesses, except leather ....... |  | 2399-125 | 12/85 | 87.4 | 87.4 | 87.4 | -. 7 | 0 |
| Flags, banners, and similar emblems ............................................... |  | 2399-141 | 12/85 | 112.6 | 112.6 | 112.6 | 2.4 | 0 |
| All other fabricated textile products, n.e.c. ......................................................... |  | 2399-198 | 12/85 | 103.0 | 103.3 | 104.9 | 2.3 | 1.5 |
| Secondary products and miscellaneous receipts ..................................... |  | 2399-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................................................... |  | 2399-M | 12/85 | 92.8 | 97.6 | 98.6 | 4.6 | 1.0 |
| Contract work and other miscellaneous receipts ................................ |  | 2399-XY9 | 12/85 | 91.4 | 96.0 | 97.1 | 3.0 | 1.1 |
| Secondary products ..................................................................................... |  | 2399-S | 12/85 | 107.7 | 107.8 | 110.0 | 4.1 | 2.0 |
| Lumber and wood products, except furniture | 24 |  | 12/84 | 113.1 | 115.9 | 117.1 | 6.1 | 1.0 |
| Logging camps and logging contractors | 2411 |  | 12/81 | 122.0 | 127.2 | 129.3 | 14.6 | 1.7 |
| Primary products ........................... |  | 2411-P | 12/81 | 117.7 | 123.5 | 125.8 | 11.1 | 1.9 |
| Softwood logs, bolts, and timber .............................................................. |  | 2411-1 | 12/81 | 127.8 | 136.6 | 140.0 | 16.7 | 2.5 |
| Douglas fir ............................... |  | 2411-117 | 12/81 | 125.1 | 137.1 | 141.0 | 22.3 | 2.8 |
| Sawlogs and bolts ....... |  | 2411-11744 | 12/81 | 123.6 | 137.5 | 142.1 | 24.3 | 3.3 |
| Veneer logs and bolts .. |  | 2411-11766 | 12/81 | 133.4 | 135.1 | 135.1 | 11.9 | 0 |
| Softwood, except Douglas fir .......................................................... |  | 2411-13 | 12/81 | 129.6 | 136.3 | 139.4 | 13.3 | 2.3 |
| Southern yellow pine .................................................................... |  | 2411-131 | 12/81 | 68.0 | 68.2 | 68.3 | 3.0 | . 1 |
| Ponderosa pine ......................................................................... |  | 2411-132 | 06/82 | 179.2 | 189.8 | 190.7 | 20.0 | . 5 |
| Spruce ..................................................................................... |  | 2411-133 | 12/81 | 146.5 | 146.1 | 145.9 | 7.3 | -.1 |
| Hemlock ................................................................................ |  | 2411-135 | 12/81 | 142.3 | 150.4 | 155.6 | 13.0 | 3.5 |
| Western red cedar ................................................................ |  | 2411-136 | 12/81 | 210.1 | 222.8 | 235.9 | 21.3 | 5.9 |
| Other softwood log species, n.e.c. ................................................ |  | 2411-137 | 12/81 | 116.3 | 126.7 | 127.1 | 13.0 | 3 |
| Hardwood logs, bolts, and timber ...................................................... |  | 2411-2 | 12/81 | 121.2 | 121.2 | 121.2 | 2.2 | 0 |
| Other hardwood log species, n.e.c. |  | 2411-221 | 12/81 | 106.1 | 106.1 | 106.1 | . 7 | 0 |
| Pulpwood .......................................................................................... |  | 2411-3 | 12/81 | 86.9 | 88.5 | 88.7 | 2.7 | . 2 |
| Softwood |  | 2411-31115 | 12/81 | 82.2 | 83.9 | 83.8 | 2.6 | -. 1 |
| Hardwood ............................................................................ |  | 2411-32227 | 12/81 | 96.9 | 97.7 | 99.8 | 3.4 | 2.1 |
| Other roundwood products ................................................................. |  | 2411-4 | 06/82 | 78.8 | 79.4 | 78.4 | . 5 | -1.3 |
| Other roundwood products, n.e.c. .................................................... |  | 2411-429 | 06/82 | 79.0 | 79.0 | 77.9 | -. 3 | -1.4 |
| Contract logging |  | 2411-9 | 12/81 | 103.5 | 104.1 | 104.7 | -1.7 | . 6 |
| Contract logging |  | 2411-911 | 12/81 | 103.5 | 104.1 | 104.7 | -1.7 | . 6 |
| Secondary products and miscellaneous receipts .......................................... |  | 2411-SM |  |  |  |  |  |  |
| Sawmills and planing mills ................................................................................ | 242 |  | 12/84 | 112.2 | 117.2 | 118.2 | 4.9 | . 9 |
| Sawmills and planing mills .......................................................................... | 2421 | 2421-P | 12/80 | 109.1 | 114.5 | 115.7 | 5.6 | 1.0 |
| Primary products ................................................................................ |  |  | 12/80 | 110.3 | 115.9 | 117.2 | 5.7 | 1.1 |
| Hardwood lumber rough and dressed except siding ............................... |  | 2421-1 | 12/80 | 131.0 | 131.1 | 130.7 | -5.4 | -. 3 |
| Hardwood rough lumber ................................................................ |  | $2421-12$2421-121 | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | $\begin{aligned} & 128.6 \\ & 141.0 \end{aligned}$ | 128.8 | 128.3 | $\begin{aligned} & -5.7 \\ & -9.4 \end{aligned}$ | -. 4 |
| Oak $\qquad$ <br> Red, no. 1 common $\qquad$ <br> White $\qquad$ <br> Other Oak $\qquad$ |  |  |  |  | 141.0 | 141.2 |  | . 1 |
|  |  | 2421-12111 | 12/80 | $\begin{aligned} & 141.0 \\ & 146.0 \end{aligned}$ | 146.4 | 146.6 | -9.4 -9.6 | . 1 |
|  |  | $2421-12112$$2421-12119$ | 12/80 | 132.5 | 131.6 | 131.8 | -10.8 | . 2 |
|  |  |  | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | $\begin{aligned} & 143.0 \\ & 114.1 \end{aligned}$ | 143.6 | 143.5 | -3.3 | -. 1 |
| Poplar ...................................................................................... |  | 2421-122 |  |  | 114.7 |  | $\begin{aligned} & -2.0 \\ & -5.6 \end{aligned}$ | 0 |
| No. 1 common ....................................................................... |  | $\begin{aligned} & 2421-12211 \\ & 2421-12219 \\ & 2421-129 \\ & 2421-1291 \end{aligned}$ | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | $\begin{array}{r} 114.1 \\ 99.4 \end{array}$ | $\begin{gathered} 101.0 \\ c^{(3)} \\ 119.2 \\ 112.7 \end{gathered}$ | $\begin{gathered} 101.0 \\ \left({ }^{3}\right) \\ 118.1 \\ 112.7 \end{gathered}$ |  |  |
| Other Poplar .......................................................................... |  |  | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \\ & 12 / 80 \end{aligned}$ | $\begin{aligned} & 108.6 \\ & 119.0 \\ & 112.7 \end{aligned}$ |  |  | (3) | ${ }^{(3)}$ |
| Hardwood other than Oak and Poplar ........................................... |  |  |  |  |  |  | -2.0 | -. 9 |
| Gum ..................................................................................... |  |  |  |  |  |  | 0 | 0 |

[^5]Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\text { }}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Sawmills and planing mills-Continued <br> Maple, Beech and Ash $\qquad$ <br> Other hardwoods $\qquad$ <br> Hardwood, dressed lumber, including ceiling, framing, and matched and shiplapped lumber $\qquad$ |  |  |  |  |  |  |  |  |
|  |  | 2421-1295 | 12/86 | 122.3 | 122.7 | 122.7 | -4.4 | 0 |
|  |  | 2421-1299 | 12/80 | 108.9 | 109.0 | 107.0 | -. 5 | -1.8 |
|  |  | 2421-13 | 12/80 | 143.2 | 143.0 | 143.6 | -3.0 | . 4 |
| Oak ............................................................................................. |  | 2421-131 | 08/85 | 128.6 | 128.6 | 129.8 | -6.6 | . 9 |
| Other hardwood species ................................................... |  | 2421-139 | 12/80 | 128.8 | 128.6 | 128.6 | -. 1 | 0 |
| Softwood lumber, rough and dressed, except siding ........ |  | 2421-2 | 12/80 | 109.8 | 116.9 | 119.1 | 7.6 | 1.9 |
| Softwood lumber, rough and dressed, Eastern species, except siding |  | 2421-3 | 12/80 | 107.6 | 108.7 | 111.4 | -. 8 | 2.5 |
| Rough softwood lumber, Eastern species ...................................... |  | 2421-31 | 12/80 | 105.0 | 106.5 | 106.5 | 1.0 | 0 |
| Boards - lumber less than 2 inches in nominal thickness ............... |  | 2421-311 | 12/80 | 88.6 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Light framing lumber 2 inch nominal thickness only ...................... |  | 2421-312 | 12/80 | 120.2 | (3) | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Lumber and timbers over 2 inches in nominal thickness ............... |  | 2421-313 | 12/80 | 98.1 | 98.1 | 98.1 | -1.1 | 0 |
| Dressed softwood lumber, Eastern species ................................... |  | 2421-32 | 12/80 | 108.8 | 109.6 | 113.5 | -1.5 | 3.6 |
| Boards - lumber less than 2 inches in nominal thickness ........ |  | 2421-321 | 12/80 | 116.8 | 116.3 | 117.3 | -2.0 | . 9 |
| Southern Pine ............................................................. |  | 2421-3211 | 12/80 | 115.5 | 114.9 | 116.1 | -3.2 | 1.0 |
| Finish, c and better .................................................... |  | 2421-32111 | 12/80 | 103.9 | 108.7 | 108.7 | 6.4 | 0 |
| Boards, no. 2 .......... |  | 2421-32113 | 12/80 | 129.4 | 127.0 | 128.3 | -6.2 | 1.0 |
| Other Southern Pine Boards |  | 2421-32119 | 12/80 | 118.5 | 119.0 | 121.7 | 1.1 | 2.3 |
| Light framing lumber 2 inch nominal thickness only ...... |  | 2421-322 | 12/80 | 107.5 | 108.2 | 114.6 | -1.1 | 5.9 |
| Southern Pine ...................................................................... |  | 2421-3221 | 12/80 | 102.0 | 102.5 | 109.6 | -. 7 | 6.9 |
| Dimension, no. 1 .................................................... |  | 2421-32211 | 12/80 | 93.4 | 91.6 | 97.2 | -7.1 | 6.1 |
| Dimension no. 2 .................................. |  | 2421-32212 | 12/80 | 104.0 | 103.9 | 113.0 | -. 6 | 8.8 |
| Other 2 inch Southern Pine lumber ...................................... |  | 2421-32219 | 12/80 | 100.2 | 102.2 | 106.7 | . 9 | 4.4 |
| Lumber and timbers over 2 inch nominal thickness, Eastern species |  | 2421-323 | 12/80 | 91.1 | 96.5 | 94.2 | -2.3 | -2.4 |
| Southern Pine ...................................................................... |  | 2421-32311 | 12/80 | 84.8 | 89.8 | 87.7 | -2.2 | -2.3 |
| Softwood lumber, rough and dressed, Western species ................ |  | 2421-4 | 12/80 | 110.3 | 119.9 | 121.9 | 11.2 | 1.7 |
| Rough softwood lumber, Western species ..................................... |  | 2421-41 | 12/80 | 111.6 | 117.4 | 121.6 | 13.1 | 3.6 |
| Boards - lumber less than 2 inches in nominal thickness .............. |  | 2421-411 | 12/80 | 128.2 | 112.0 | 110.0 | -5.1 | -1.8 |
| Light framing lumber 2 inch nominal thickness only ..................... |  | 2421-412 | 12/80 | 86.3 | 94.6 | 101.4 | 14.6 | 7.2 |
| Lumber and timbers over 2 inches in nominal thickness ................ |  | 2421-413 | 12/80 | 136.3 | 164.3 | 171.8 | 30.8 | 4.6 |
| Dressed softwood lumber, Western species ................................... |  | 2421-42 | 12/80 | 110.2 | 121.3 | 122.4 | 10.6 | . 9 |
| Boards-lumber less than 2 inch nominal thickness ....................... |  | 2421-421 | 12/80 | 112.1 | 117.8 | 118.8 | 7.0 | . 8 |
| Douglas Fir .......................................................................... |  | 2421-4211 | 12/80 | 99.1 | 113.0 | 116.9 | 23.7 | 3.5 |
| Other boards ....................................................................... |  | 2421-42119 | 12/80 | 96.9 | 111.5 | 115.7 | 22.7 | 3.8 |
| Ponderosa Pine .................................................................... |  | 2421-4212 | 12/80 | 132.1 | 130.7 | 127.9 | -3.2 | -2.1 |
| No. 3 boards ........................................................................ |  | 2421-42121 | 12/80 | 95.5 | 86.8 | 88.0 | -4.1 | 1.4 |
| Other boards ....................................................................... |  | 2421-42129 | 12/80 | 146.8 | 147.8 | 142.2 | -3.3 | -3.8 |
| Redwood and Western Red Cedar .......................................... |  | 2421-4216 | 12/86 | 102.6 | 99.9 | 101.2 | -2.4 | 1.3 |
| Other boards, Western dressed softwood ................................. |  | 2421-4219 | 12/80 | 132.6 | 131.0 | 129.0 | -5.4 | -1.5 |
| Lumber of 2 inches nominal thickness only ................................. |  | 2421-422 | 12/80 | 108.3 | 118.2 | 119.6 | 10.3 | 1.2 |
| Douglas Fir ......................................................................... |  | 2421-4221 | 12/80 | 109.2 | 122.4 | 124.9 | 15.8 | 2.0 |
| Standard and better ............................................................... |  | 2421-42214 | 12/80 | 121.0 | 137.1 | 140.3 | 15.9 | 2.3 |
| Other 2 inch Douglas Fir lumber ............................................. |  | 2421-42219 | 12/80 | 114.5 | 125.9 | 126.6 | 10.9 | 6 |
| Ponderosa Pine .................................................................... |  | 2421-4222 | 12/80 | 101.3 | 102.5 | 102.5 | . 2 | 0 |
| White Fir ............................................................................. |  | 2421-4224 | 12/80 | 120.9 | 134.0 | 135.4 | 7.9 | 1.0 |
| Standard and better ............................................................... |  | 2421-42241 | 12/80 | 119.1 | 137.3 | 137.5 | 9.3 | . 1 |
| Other 2 inch White Fir lumber ................................................ |  | 2421-42249 | 12/80 | 124.4 | 127.9 | 131.5 | 5.4 | 2.8 |
| Western Hemlock ................................................................................... |  | 2421-4225 | 12/80 | 99.3 | 110.5 | 109.5 | 9.1 | -. 9 |
| Dimension, std. and btr. ......................................................... |  | 2421-42251 | 12/80 | 90.7 | 101.5 | 103.5 | 5.9 | 2.0 |
| Other 2 inch Western Hemlock lumber .................................... |  | 2421-42259 | 12/80 | 111.2 | 122.8 | 117.9 | 13.4 | -4.0 |
| Redwood 2 inch lumber $\qquad$ Lodgepole, Sugar, and Western (Idaho) White Pine 2 inch |  | 2421-4226 | 12/80 | 98.0 | 117.3 | 115.5 | 21.1 | -1.5 |
| Lodgepole, Sugar, and Western (Idaho) White Pine 2 inch lumber |  | 2421-4228 | 12/80 | 108.5 | 107.2 | 108.5 | 3.4 | 1.2 |
| Other Western softwood 2 inch lumber ................................... |  | 2421-4229 | 12/80 | 116.0 | 118.0 | 121.9 | 7.5 | 3.3 |
| Lumber and timbers, over 2 inch nominal thickness ...................... |  | 2421-423 | 12/80 | 115.8 | 152.5 | 152.1 | 22.4 | -. 3 |
| Douglas Fir .......................................................................... |  | 2421-4231 | 12/80 | 115.5 | 162.2 | 161.3 | 26.1 | -. 6 |
| Other Western softwood timbers ............................................ |  | 2421-4239 | 12/80 | 115.3 | 143.2 | 143.2 | 18.8 | 0 |
| Wood chips .................................................................................... |  | $2421-5$ | 12/80 | 91.8 | 95.3 | 94.3 | 6.9 | -1.0 |
| Short tons ................................................................................... |  | 2421-577 | 12/80 | 104.9 | 109.2 | 106.9 | 6.7 | -2.1 |
| Standard units .............................................................................. |  | 2421.578 | 12/80 | 74.1 | 76.7 | 76.9 | 7.3 | . 3 |
| Softwood cut stock .......................................................................... |  | 2421-7 | 12/80 | 118.4 | 125.6 | 125.1 | 11.1 | -. 4 |
| Other industrial cut stock ............................................................... |  | $2421-751$ | 12/80 | 115.1 | 122.1 | 121.7 | 11.1 | -. 3 |
| Softwood flooring, siding and other sawmill and planing mill products ..... |  | 2421-8 | 12/80 | 112.8 | 112.3 | 111.5 | -. 5 | -. 7 |
| Softwood flooring |  | 2421-811 | 12/80 | 116.6 | 116.6 | 116.6 | 0 | 0 |
| Woodsiding ................................................................................... |  | 2421-813 | 12/80 | 116.8 | 111.0 | 108.4 | -6.4 | -2.3 |
| Railway crossties and mine ties .......................................................... |  | 2421-817 | 12/80 | 110.5 | 110.5 | 110.5 | 1.0 | 0 |
| Other sawmill products ................................................................... |  | 2421-897 | 12/80 | 111.2 | 113.4 | 112.7 | 1.2 | -. 6 |
| Contract or custom work .................................................................. |  | 2421-9 | 12/80 | 120.4 | 122.4 | 123.3 | 3.3 | . 7 |
| Contract drying, planing, resawing or other manufacturing of lumber owned by others $\qquad$ |  | 2421-951 | 12/86 | 102.5 | 104.8 | 104.8 | 4.4 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2421-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 2421-S | 12/80 | 102.0 | 106.2 | 106.8 | 4.9 | . 6 |
| Hardwood dimension and flooring ....................................................................... | 2426 |  | 06/84 | 110.5 | 110.8 | 110.8 | 1.7 | 0 |
| Primary products ............................................................................... |  | 2426-P | 06/84 | 109.4 | 109.8 | 109.8 | 1.9 | 0 |
| Hardwood flooring ........................................................................................ |  | 2426-1 | 06/84 | 102.4 | 103.4 | 103.2 | -1.0 | -. 2 |
| Oak specialty flooring, block, parquetry, plank, oak faced, backed plywood and other oak $\qquad$ |  | 2426-119 | 06/84 | 117.2 | 117.7 | 117.7 | . 4 | 0 |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Hardwood dimension and flooring-Continued | 2429 | $\begin{aligned} & 2426-141 \\ & 2426-198 \end{aligned}$ | 06/84 | 91.9 | 92.7 | 92.6 | 0.7 | -0.1 |
| Glued laminated truck trailer flooring and railroad car decking ............. |  |  |  |  |  |  |  |  |
| Other hardwood flooring .................................................................. |  |  | 06/84 | 101.8 | 102.4 | 102.3 | -. 8 | -. 1 |
| Hardwood dim. stock, furn. parts, and vehicle stock, hardwood dim. incl. glu-lam, excl. plywood |  | 2426-2 | 06/84 | 110.5 | 110.5 | 110.6 | 3.0 | . 1 |
| Kiln dried, rough or surfaced, dimension stock .................................. |  | 2426-223 | 06/84 | 105.9 | 104.3 | 104.3 | 2.8 | 0 |
| Kiln dried, rough dimension stock ................................................. |  | 2426-22311 | 06/84 | 104.7 | 105.9 | 105.9 | 1.1 | 0 |
| Kiln dried, surfaced dimension stock ................. |  | 2426-22313 | 06/84 | 105.9 | 104.3 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Semifabricated dimension stock ........... |  | 2426-227 | 06/84 | 111.9 | 111.9 | 112.4 | -. 1 | . 4 |
| Completely fabricated ready for assembly, including furniture parts, except frames $\qquad$ |  | 2426-229 | 06/84 | 113.8 | ${ }^{(3)}$ | 115.1 | 6.6 | (3) |
| Wood frames for household furniture ................................................... |  | 2426-6 | 06/84 | 115.9 | 116.7 | 116.7 | 1.7 | 0 |
| Wood furniture frames for household furniture .................................... |  | 2426-611 | 06/84 | 115.9 | 116.7 | 116.7 | 1.7 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2426-SM |  |  |  |  |  |  |
| Special product sawmills, n.e.c. ............................................................................. |  |  | 12/85 | 150.5 | 152.1 | 150.6 | -7.6 | -1.0 |
| Primary products ................................................................................. |  | 2429-P | 12/85 | 151.7 | 152.8 | 151.2 | -9.0 | -1.0 |
| Red cedar shingles and shakes ...................................................... |  | 2429-111 | 12/85 | 153.6 | 155.0 | 153.4 | -13.3 | -1.0 |
| Shingles ................................................................................... |  | 2429-11101 | 12/85 | 157.4 | 162.8 | 153.9 | -13.1 | -5.5 |
| Shakes (handsplit and resawn, taper and straight split) .................... |  | 2429-11103 | 12/85 | 152.3 | 151.9 | 153.3 | -13.8 | . 9 |
| Millwork, veneer, plywood, and structural wood members | 243 |  | 12/84 | 112.2 | 113.4 | 115.4 | 6.3 | 1.8 |
| Millwork | 2431 |  | 06/83 | 119.1 | 119.9 | 119.5 | 5.1 | -. 3 |
| Primary products |  | 2431-P | 06/83 | 118.7 | 119.6 | 118.9 | 4.9 | -. 6 |
| Wood window units .......................................................................... |  | $2431-1$ | 06/83 | 117.4 | 121.1 | 121.1 | 5.36.1 | 0 |
| Double hung .................................................................................. |  | $2431-133$ | 06/83 | 121.8 | 126.9 | 126.9 |  |  |
| Casement .................................................................................... |  | $\begin{aligned} & 2431-137 \\ & 2431-141 \end{aligned}$ | $\begin{aligned} & 06 / 83 \\ & 06 / 83 \end{aligned}$ | 117.4 | 120.1 | 120.2 | 4.9 | 2.1 |
| Horizontal sliding |  |  |  | 105.7 | 108.0 | 110.3 | 5.8 |  |
| All other, including single hung and skylights ...................................... |  | 2431-145 | 06/83 | 104.4 | 103.5 | 100.1 | -. 9 | -3.3 |
| Wood sash, incl. comb. screen and storm sash, and window screens, excl. window units $\qquad$ |  | 2431-2 | 06/83 | 121.7 | 123.4 | 123.4 | 5.3 | 0 |
| Wood sash; glazed ........................................................................ |  | 2431-215 | 06/83 | 118.8 | 118.9 | 118.9 | 4.8 | 0 |
| Wood window and door frames and door frames shipped in door units .. |  | 2431-3 | 06/83 | 107.7 | 108.7 | 106.1 | 8.3 | -2.4 |
| Door frames .................................................................................. |  | 2431-315 | 06/83 | 112.9 | 108.3 | 104.4 | 6.4 | -3.6 |
| Wood doors, int. and ext., incl. those shipped with glazed sections and in door units $\qquad$ |  | 2431-4 | 06/83 | 116.6 | 118.0 | 119.2 | 7.8 | 1.0 |
| Panel type doors, including French doors ........................................... |  | 2431-41 | 06/88 | 105.1 | 108.5 | 109.8 | 8.6 | 1.2 |
| Douglas fir ................................................................................ |  | 2431-411 | 06/83 | 126.5 | $\begin{aligned} & 131.9 \\ & 119.1 \end{aligned}$ | 133.7 | 10.0 | 1.4 |
| Western pines ........................................................................... |  | 2431-413 | 06/83 | 116.5 |  | $\begin{aligned} & 120.5 \\ & 130.7 \end{aligned}$ | 6.7 |  |
| Other species ............................................................................ |  | 2431-419 | $\begin{aligned} & 06 / 83 \\ & 06 / 88 \end{aligned}$ | 127.2 | $\begin{aligned} & 119.1 \\ & 129.7 \end{aligned}$ |  | 8.0 | 8 |
| Flush type doors, hollow core ......................................................... |  | 2431-43 |  | 102.4 | 103.9 | $\begin{aligned} & 130.7 \\ & 104.6 \end{aligned}$ | 4.9 | 7 |
| Softwood faces .......................................................................... |  | 2431-431 | 01/84 | 102.3 | 103.4 | 99.1 | -2.4 | -4.2 |
| Hardwood faces, including lauan, birch, oak, etc. ............................. |  | 2431-433 | $\begin{aligned} & 06 / 83 \\ & 06 / 83 \end{aligned}$ | $\begin{aligned} & 108.4 \\ & 103.3 \end{aligned}$ | $\begin{aligned} & 109.4 \\ & 104.8 \end{aligned}$ | 111.8104.4 | 5.9 | 2.2 |
| Hardboard faces ............................................................................... |  | 2431-435 |  |  |  |  | 5.2 | -. 4 |
| Flush type doors, solid core ........................................................... |  | 2431-44 | $\begin{aligned} & 06 / 83 \\ & 06 / 88 \end{aligned}$ | $\begin{aligned} & 103.3 \\ & 109.4 \end{aligned}$ | $\begin{aligned} & 104.8 \\ & 108.0 \end{aligned}$ | 109.5109.5 | 10.1 | 1.4 |
| Hardwood faces, including lauan, birch, oak, etc. ............................ |  | 2431-44A | $\begin{aligned} & 06 / 88 \\ & 06 / 83 \end{aligned}$ | $\begin{aligned} & 109.4 \\ & 122.2 \end{aligned}$ | $\begin{aligned} & 107.6 \\ & 119.1 \end{aligned}$ |  | 10.3 | 1.8 |
| Solid composition core ............................................................ |  | 2431-445 |  |  |  | 122.4 | 11.4 | 2.8 |
| Non-hardwood faces ............................................................................. |  | $2431-44 \mathrm{~B}$  <br> $2431-448$  |  | $122.2$ |  |  | 9.4 | 0 |
| Softwood and other faces ........................................................ |  |  |  | 118.3 | 118.3 | 118.3 |  |  |
| Other wood doors, incl. garage, screen, storm, combination, and louvre . |  | 2431-5 |  | 118.4 | 119.7 | 120.6 | 5.7 | . 8 |
| Garage doors, wood ...................................................................... |  | $\begin{aligned} & 2431-561 \\ & 2431-575 \end{aligned}$ | 06/83 | 119.0101.7 | 120.1103.2 | 122.4 | 9.6 | 1.9 |
| Screen doors and combination screen and storm doors, wood ............ |  |  | 06/88 |  |  | 103.2 | 3.2 | 0 |
| Bi-fold doors, wood ....................................................................... |  | $2431-584$ | 06/83 | 117.0 | 119.7 | 120.4 | 4.9 | . 6 |
| Sliding patio doors, wood ................................................................ |  | 2431.585 | 06/83 | 117.7 | 118.2 | 118.2 | 4.5 | 0 |
| Other wood doors, incl. storm, cabinet, toilet, grain, etc. .................... |  | 2431-598 | 06/83 | 116.8 | 118.9 | 118.9 | 4.9 | 0 |
| Wood moldings (standard) except prefinished moldings made from purchased moldings $\qquad$ |  | $2431-6$ | 06/83 | 123.0 | 118.0 | 113.1 | -. 4 | -4.2 |
| Softwood moldings ........................................................................ |  | 2431-62 | 06/88 | 110.9 | 105.4 | 100.3 | -. 4 | -4.8 |
| Pine ........................................................................................... |  | 2431-621 | 06/83 | 123.0 | 117.2 | 111.2 | -. 4 | -5.1 |
| Other softwood species .................................................................. |  | 2431-622 | 06/83 | 119.9 | 111.0 | 109.3 | -. 2 | -1.5 |
| Hardwood, including lauan .............................................................. |  | 2431-651 | 06/83 | 128.6 | 129.6 | 129.2 | -. 5 | -. 3 |
| Other millwork products including stairwork and exterior millwork ........... |  | 2431-8 | 06/83 | 127.9 | 130.2 | 129.8 | 4.1 | -. 3 |
| Stairwork, including treads, risers, balusters, brackets, crooks, newels, rails, etc. $\qquad$ |  | 2431-82 | 06/88 | 101.8 | 102.2 | 102.2 | 2.2 | 0 |
| Softwood .................................................................................... |  | 2431-821 | 06/83 | 123.3 | 124.8 | 124.8 | 3.5 | 0 |
| Hardwood ................................................................................. |  | 2431-825 | 06/83 | 122.9 | 122.8 | 122.8 | 1.3 | 0 |
| Exterior wood blinds and shutters, with or without hardware ................ |  | 2431-831 | 06/83 | 109.8 | 110.7 | 110.7 | -. 2 | 0 |
| Exterior millwork, including porch columns, porch rails, newels, trellises, and entrances |  | 2431-835 | 08/83 | 125.4 | 131.1 | 131.1 | 8.3 | 0 |
| Nonstandard wood moldings, carvings, and ornaments suitable for arch. or furn. decorations |  | 2431-875 | 06/83 | 154.6 | 151.7 | 151.7 | . 2 | 0 |
| Other millwork products, n.e.c., including interior millwork ................... |  | 2431-898 | 06/83 | 133.9 | 139.9 | 138.9 | 7.6 | -. 7 |
| Secondary products and miscellaneous receipts ......................................... |  | 2431-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2431-M | 06/83 | 126.7 | 126.9 | 127.7 | 7.5 | . 6 |
| Resales ...................................................................................... |  | 2431-Z89 | 06/83 | 127.1 | 127.3 | 128.2 | 7.6 | . 7 |
| Secondary products ......................................................................... |  | 2431-S | 06/83 | 118.3 | 118.7 | 119.3 | 4.5 | 5 |
| Other secondary products .............................................................. |  | 2431-SSS | 06/83 | 122.2 | 122.6 | 123.5 | 5.6 | 7 |
| Metal doors, sash, and trim ............................................................ |  | 3442-S | 06/83 | 106.6 | 106.9 | 106.9 | 1.0 | 0 |

[^6]Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change <br> to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Wood kitchen cabinets | 2434 |  | 06/84 | 115.0 | 116.1 | 116.7 | 2.8 | 0.5 |
| Primary products .................................................................... |  | 2434-P | 06/84 | 115.0 | 116.2 | 116.8 | 3.0 | . 5 |
| Wood kitchen cabinets and cabinetwork, stock line .......................... |  | 2434-1 | 06/84 | 115.6 | 116.8 | 116.9 | 3.1 | . 1 |
| Wood ...................................................................................................... |  | 2434-111 | 06/84 | 115.7 | 116.8 | 117.1 | 3.1 | . 3 |
| Plastic laminated ................................................................ |  | 2434-113 | 06/84 | 115.0 | 116.1 | 115.8 | 3.1 | -. 3 |
| Wood kitchen cabinets and cabinetwork, custom ................................. |  | 2434-2 | 06/84 | 114.6 | 115.3 | 115.4 | 1.3 | . 1 |
| Wood ....................................................................................... |  | 2434-212 | 06/84 | 115.2 | 115.5 | 115.7 | . 3 | 2 |
| Plastic laminated ..................................................................... |  | 2434-214 | 06/84 | 112.6 | 114.5 | 114.5 | 4.9 | 0 |
| Vanities and other cabinetwork ............................................................... |  | 2434-3 | 06/84 | 112.5 | 115.7 | 120.2 | 7.8 | 3.9 |
| Stock line ........................................................................................ |  | 2434-316 | 06/84 | 111.4 | 117.2 | 117.2 | 7.0 | 0 |
| Custom ................................................................................... |  | 2434-318 | 06/84 | 113.9 | 113.9 | 123.9 | 8.8 | 8.8 |
| Secondary products and miscellaneous receipts ....................................... |  | 2434-SM |  |  |  |  |  |  |
| Secondary products ..................................................................... |  | 2434-S | 06/84 | 115.3 | 116.0 | 116.2 | 1.7 | . 2 |
| Other secondary products ......................................................................... |  | 2434-SSS | 06/84 | 121.4 | 123.0 | 123.6 | 2.4 | . 5 |
| Hardwood veneer and plywood | 2435 |  | 06/85 | 107.9 | 109.4 | 110.1 | 6.1 | . 6 |
| Primary products |  | 2435-P | 06/85 | 110.0 | 111.7 | 112.3 | 6.6 | 5 |
| Hardwood plywood. |  | 2435-1 | 06/85 | 106.9 | 110.4 | 111.5 | 4.9 | 1.0 |
| Veneer core-type II, moisture resistant ......... |  | 2435-102 | 06/85 | 106.7 | 110.0 | 111.2 | 4.8 | 1.1 |
| Hardwood plywood type products .......................................................... |  | 2435-3 | 06/85 | 103.3 | 103.8 | 104.2 | 1.2 | 4 |
| Hardwood veneer panels ..................................................................... |  | 2435-331 | 06/85 | 114.6 | 116.1 | 116.1 | 2.7 | 0 |
| Hardwood veneer, not reinforced or backed ............................................ |  | 2435-4 | 06/85 | 106.9 | 108.1 | 108.8 | 4.3 | . 6 |
| Oak ........ |  | 2435-419 | 06/85 | 111.2 | 112.4 | 112.4 | 1.5 | 0 |
| Other hardwoods ..................................................................... |  | 2435-429 | 06/85 | 97.2 | 99.1 | 100.6 | 7.4 | 1.5 |
| Softwood plywood | 2436 |  | 12/80 | 98.9 | 100.6 | 108.3 | 13.2 | 7.7 |
| Primary products |  | 2436-P | 12/80 | 96.2 | 97.8 | 104.2 | 14.3 | 6.5 |
| Specialty softwood plywood ... |  | 2436-3 | 12/80 | 122.7 | 129.6 | 136.6 | 20.8 | 5.4 |
| Softwood veneer ...................................................................................... |  | 2436-4 | 12/80 | 101.7 | 110.7 | 107.8 | 22.5 | -2.6 |
| Softwood plywood sheathing ... |  | 2436-5 | 12/80 | 85.3 | 89.5 | 98.9 | 11.2 | 10.5 |
| Western, inland and other non-southern softwood plywood sheathing - |  | 2436-511 | 12/80 | 89.7 | 97.2 | 104.2 | 9.9 | 7.2 |
| CDX ...................................................................................... |  | 2436-5111 | 12/80 | 80.8 | 90.3 | 96.9 | 8.0 | 7.3 |
| Underlayerment $\qquad$ |  | $2436-5112$ $2436-51126$ | 12/80 | 91.2 | 100.7 | 110.1 | 14.0 | 9.3 |
| All other sheathing ............................................................................................................................ |  | 2436-5113 | 12/86 | 121.9 | 115.5 | 120.5 | 14.3 | 4.3 |
| Interior |  | 2436-51132 | 12/80 | 80.0 | 88.9 | 97.3 | 10.8 | 9.4 |
| Southern softwood plywood sheathing ............................................. |  | 2436-522 | 12/80 | 82.5 | 84.2 | 95.6 | 12.6 | 13.5 |
| CDX ..................................................................................... |  | 2436-52231 | 12/80 | 82.3 | 83.2 | 93.8 | 10.6 | 12.7 |
| Sheathing, interior ..................................................................... |  | 2436-52232 | 12/80 | 75.9 | 80.1 | 94.3 | 15.4 | 17.7 |
| Sanded softwood plywood ....................................................... |  | 2436-6 | 12/80 | 117.1 | 108.5 | 111.6 | 17.0 | 2.9 |
| Western, inland and other non-southern sanded softwood plywood ..... |  | 2436-611 | 12/80 | 118.3 | 108.2 | 111.4 | 16.5 | 3.0 |
| A-C, exterior ............................................................................. |  | 2436-61121 | 12/80 | 118.2 | 103.1 | 106.6 | 15.6 | 3.4 |
| Interior ............................................................................. |  | 2436-61122 | 12/80 | 114.5 | 101.8 | 105.0 | 15.8 | 3.1 |
| Southern sanded softwood plywood ........................................... |  | 2436-622 | 12/80 | 103.5 | 109.4 | 11.2 | 21.8 | 1.6 |
| Interior .............................................................................. |  | 2436-62201 | 04/85 | 112.3 | 125.6 | 121.5 | 12.6 | -3.3 |
| Secondary products .......................................................................... |  | 2436-S | 12/80 | 120.6 | 125.6 | 130.6 | 7.9 | 4.0 |
| Structural wood members, n.e.c. ................................................................... | 2439 |  | 06/81 | 111.2 | 113.1 | 112.0 | . 4 | -1.0 |
| Primary products ................................................................... |  | 2439-P | 06/81 | 110.5 | 112.5 | 111.1 | . 2 | -1.2 |
| Glued laminated lumber .......................................................................... |  | 2439-131 | 06/81 | 107.2 | 108.6 | 108.3 | 1.6 | -. 3 |
| Roof trusses |  | 2439-151 | 06/81 | 109.9 | 112.4 | 110.3 | . 2 | -1.9 |
| Other fabricated structural wood products ........................................ |  | 2439-198 | 06/81 | 120.2 | 120.4 | 120.8 | -1.4 | . 3 |
| Floor trusses. |  | 2439-19815 | 06/81 | 121.0 | 121.0 | 121.0 | -2.5 | 0 |
| Other fabricated structural wood products, except floor trusses ........ |  | 2439-19825 | 06/81 | 118.6 | 119.3 | 120.4 | 8 | . 9 |
| Wood containers | 244 |  | 06/85 | 106.4 | 111.0 | 112.5 | 8.3 | 1.4 |
| Nailed wood boxes and shook. | 2441 |  | 06/85 | 108.9 | 110.0 | 110.5 | 3.0 | . 5 |
| Primary products |  | $2441 . \mathrm{P}$ | 06/85 | 110.0 | 110.8 | 111.6 | 3.0 | . 7 |
| Nailed or lock-corner wooden boxes |  | 2441-1 | 06/85 | 104.6 | 106.4 | 108.3 | 5.2 | 1.8 |
| Made from lumber for industrial and other uses ................................. |  | 2441-151 | 06/85 | 106.6 | 106.6 | 107.5 | 1.8 | . 8 |
| Made from veneer and plywood for fruits, vegetables, and industrial and other uses $\qquad$ |  | 2441-165 | 06/85 | 105.6 | 117.8 | 177.8 | 16.7 | 0 |
| Wooden box and crate shook ........................................................... |  | 2441-2 | 06/85 | 114.1 | 114.1 | 114.1 | 1.5 | 0 |
| Made from lumber for industrial and other uses ................................ |  | 2441-215 | 06/85 | 106.0 | 106.0 | 106.0 | -1.0 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 2444-SM |  |  |  |  |  |  |
| Secondary products ...................................................................... |  | 2441-S | 06/85 | 101.8 | 106.2 | 104.3 | 4.6 | -1.8 |
| Wood pallets and skids ................................................................................... | 2448 |  | 06/85 | 105.1 | 112.4 | 113.4 | 10.2 | . 9 |
| Primary products ........................................................................ |  | 2448-P | 06/85 | 105.0 | 109.4 | 110.3 | 7.4 | . 8 |
| Pallets, wooden, flat ............................................................... |  | 2448-162 | 06/85 | 103.4 | 109.0 | 110.2 | 7.8 | 1.1 |
| Skids, wooden ............................................................................. |  | 2448-165 | 06/85 | 109.2 | 109.2 | 109.2 | 2.2 | 0 |
| Secondary products and miscellaneous receipts ............................... |  | 2448-SM |  |  |  |  |  |  |
| Secondary products ............................................................................. |  | 2448-S | 06/85 | 105.5 | 128.7 | 130.1 | 25.0 | 1.1 |
| Wood containers, n.e.c. ................................................................................... | 2449 |  | 12/85 | 108.5 | 110.0 | 114.1 | 9.5 | 3.7 |
| Primary products ....................................................................... |  | 2449-P | 12/85 | 108.3 | 110.0 | 114.5 | 10.5 | 4.1 |
| Wirebound boxes made from lumber, veneer, and plywood ..................... |  | 2449-1 | 12/85 | 106.1 | 106.3 | 107.0 | 3.0 | . 7 |
| Made from lumber ................................................................................... |  | 2449-111 | 12/85 | 106.9 | 106.9 | 108.9 | 1.5 | 1.9 |
| Made from veneer and plywood ...................................................... |  | 2449-112 | 12/85 | 105.7 | 106.1 | 106.0 | 3.8 | -. 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected industries and their products-Continued


Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\text { }}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Upholstered wood household furniture-Continued |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Chiefly rayon .................................................................................................. |  | 2512-13243 | 06/82 | 120.8 | 121.9 | 122.0 | 4.7 | 1 |
| Chiefly olefin |  | 2512-13244 | 06/82 | 114.0 | 115.6 | 115.8 | 3.1 | 2 |
| Other fibers and blends, including coated fabric and vinyl ................ |  | 2512-13245 | 06/82 | 122.7 | 123.7 | 123.8 | 2.9 | 1 |
| Sectional sofa pieces .................................................................... |  | 2512-141 | 12/87 | 105.4 | 106.8 | 107.5 | 4.2 | . 7 |
| Rockers, including swivel ........................................................... |  | 2512-145 | 06/82 | 99.7 | 98.8 | 98.9 | 1.0 | . 1 |
| Reclining chairs ................ |  | 2512-154 | 06/82 | 120.7 | 120.9 | 122.9 | 3.2 | 1.7 |
| Other upholstered wood household furniture ( ottomans, hassocks, etc) $\qquad$ |  | 2512-198 | 06/82 | 131.0 | 131.0 | 131.0 | 2.4 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  | 2512-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2512-M | 12/87 | 126.0 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | (3) | $\left.{ }^{3}\right)$ |
| Secondary products ......................................................................... |  | 2512-S | 06/82 | 107.4 | 107.8 | 107.8 | 2.5 | 0 |
| Metal household furniture ........................................................................... | 2514 |  | 06/84 | 109.4 | 110.6 | 110.2 | 3.5 | -. 4 |
| Primary products ............................................................................. |  | 2514-P | 06/84 | 111.0 | 112.1 | 111.8 | 4.3 | -. 3 |
| Metal household dining, dinette and breakfast furniture ........................... |  | 2514-1 | 06/84 | 120.0 | 124.1 | 124.1 | 6.4 | 0 |
| Tubular metal tables (not sold with a set) .......................................... |  | 2514-115 | 06/84 | 123.1 | 123.1 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{3}$ ) |
| Metal kitchen furniture ..................................................................... |  | 2514-2 | 06/84 | 99.8 | 93.1 | 92.4 | -7.0 | -. 8 |
| Stools, padded and plain ............................................................. |  | 2514-251 | 06/84 | 101.8 | 106.1 | 103.4 | 3.5 | -2.5 |
| Metal porch, lawn, outdoor and casual furniture ................................... |  | 2514-3 | 06/84 | 110.2 | 110.2 | 111.3 | 6.4 | 1.0 |
| Tubular aluminum ......................................................................... |  | 2514-31 | 06/84 | 110.4 | 110.4 | 112.2 | 6.8 | 1.6 |
| Chairs, rockers, benches, chaise lounges and settees ................. |  | 2514-312 | 06/84 | 108.9 | 108.9 | 111.0 | 7.8 | 1.9 |
| Other porch, lawn, outdoor, and casual furniture, inc. picnic tables ...... |  | 2514-398 | 06/84 | 118.8 | 118.8 | 118.8 | 6.4 | 0 |
| Other metal household furniture ........................................................ |  | 2514-4 | 06/84 | 106.2 | 107.2 | 105.5 | 2.6 | -1.6 |
| Folding cots, roliable cots, army cots, and other metal beds ............... |  | 2514-433 | 06/84 | 112.0 | ${ }^{3}$ ) | 112.0 | 6.0 | ${ }^{(3)}$ |
| Metal bed frames ............................................................................ |  | 2514-437 | 06/84 | 110.2 | $\left.{ }^{3}\right)$ | 110.2 | 6.2 | ${ }^{(3)}$ |
| Infants' metal furniture ..................................................................... |  | 2514-49A | 07/84 | 108.5 | 110.5 | 111.2 | 5.5 | 6 |
| Infants' high chairs ........................................................................ |  | 2514-492 | 07/84 | 111.8 | 114.2 | 115.0 | 3.0 | 7 |
| Infants' car seats .................................................................................... |  | 2514-493 | 07/84 | 117.0 | 120.1 | 121.6 | 5.7 | 1.2 |
| Other infants' and children's metal furniture (chairs, tables, playpens, etc.) |  | 2514-494 | 08/84 | 104.3 | $\left({ }^{3}\right)$ | 106.1 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Other metal household furniture ...................................................... |  | 2514-498 | 06/84 | 101.2 | 101.2 | 94.6 | -5.9 | -6.5 |
| Secondary products and miscellaneous receipts ........................................... |  | 2514-SM |  |  |  |  |  |  |
| Secondary products ................................................................................... |  | 2514-S | 06/84 | 103.6 | 105.7 | 105.1 | -3.2 | -. 6 |
| Mattresses and bedsprings | 2515 |  | 06/83 | 117.7 | 118.5 | 118.5 | 3.9 | 0 |
| Primary products ................................................................................. |  | 2515-P | 06/83 | 118.3 | 119.2 | 119.1 | 3.7 | -. 1 |
| Innerspring mattresses other than crib size ......................................... |  | 2515-1 | 06/83 | 119.5 | 119.7 | 119.6 | 3.7 | -. 1 |
| Twin size innerspring mattresses .................................................... |  | 2515-112 | 06/83 | 115.1 | 115.1 | 114.8 | 3.0 | -. 3 |
| Queen size innerspring mattresses .................................................. |  | 2515-113 | 06/83 | 128.2 | 128.8 | 128.9 | 5.1 | . 1 |
| Other size innerspring mattresses, except crib size ........................... |  | 2515-114 | 06/83 | 117.8 | 117.9 | 117.9 | 3.4 | 0 |
| Other mattresses, including crib mattresses and mattress inserts ........... |  | 2515-2 | 06/83 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 134.7 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Foam core mattresses, other than crib size ...................................... |  | 2515-215 | 06/83 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 114.6 | (3) | ${ }^{(3)}$ |
| Foundations .................................................................................... |  | 2515-3 | 06/83 | 114.6 | 114.6 | 115.0 | 4.5 | 3 |
| Spring foundations ........................................................................ |  | 2515-315 | 06/89 | ${ }^{3}$ ) | 100.0 | 100.4 | (3) | 4 |
| Foam foundations ......................................................................... |  | 2515-317 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Other foundations, including platform ............................................... |  | 2515-319 | 06/89 | ${ }^{3}$ ) | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Dual purpose sleep furniture .............................................................. |  | 2515-5 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 99.7 | ${ }^{(3)}$ | -. 3 |
| Convertible sofas ........................................................................ |  | 2515-512 | 06/83 | 118.8 | 119.6 | 119.6 | 1.8 | 0 |
| All other dual purpose sleep furniture, including jackknife sofa beds \& chair beds |  | 2515-516 | 06/83 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | 105.4 | ${ }^{(3)}$ | (3) |
| Conventional water beds ......................................................................................................................... |  | 2515-8 | 06/89 | (3) | 100.0 | 100.0 | (3) | 0 |
| Soft sided water beds ................................................................... |  | 2515-811 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 2515-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2515-M | 06/89 | ${ }^{(3)}$ | 100.0 | 100.6 | ${ }^{(3)}$ | 6 |
|  |  | 2515-Z89 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.6 | (3) | . 6 |
| Secondary products ......................................................................... |  | 2515-S | 06/83 | 114.6 | 114.8 | 114.8 | 4.6 | 0 |
| Wood household furniture ......................................................... |  | 2511-S | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Upholstered wood househoid furniture ............................................. |  | 2512-S | 06/83 | 119.1 | 119.1 | 119.1 | 5.2 | 0 |
| Other secondary products .............................................................. |  | 2515-SSS | 06/83 | 107.7 | 108.3 | 108.3 | 3.4 | 0 |
| Wood TV and radio cabinets ...................................................................... | 2517 |  | 12/85 | 101.3 | 101.5 | 101.5 | 0 | 0 |
| Primary products ............... |  | 2517-P | 12/85 | 100.8 | 100.9 | 100.9 | 0 | 0 |
| Sewing machine cabinets .............................................................. |  | 2517-121 | 12/85 | 102.6 | 103.9 | ${ }^{3}$ ) | ( ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ..................................... |  | 2517-SM |  |  |  |  |  |  |
| Secondary products ....................................................................................... |  | 2517-S | 12/85 | 107.9 | 108.0 | 108.0 | -. 8 | 0 |
| Household furniture, n.e.c. .......................................................................... | 2519 |  | 12/85 | 102.6 | 102.6 | 102.8 | 1.0 | 2 |
| Primary products ................................................................................ |  | 2519-P | 12/85 | 102.3 | 102.2 | 102.4 | 1.2 | 2 |
| Reed 8 rattan furn., incl. willow, wicker $\&$ cane ................................. |  | 2519-132 | 12/85 | 104.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Other plastics and fibrous glass furn., exc. cabinets ........................... |  | 2519-141 | 12/85 | 101.2 | 101.2 | 101.2 | -1.1 | 0 |
| Office furniture .......................................................................................... | 252 |  | 12/84 | 118.2 | 119.0 | 119.2 | 2.1 | . 2 |
| Wood office furniture ................................................................................. | 2521 |  | 06/85 | 110.3 | 111.6 | 112.8 | 3.2 | 1.1 |
| Primary products ................................................................................ |  | 2521-P | 06/85 | 110.3 | 111.0 | 112.0 | 2.7 | . 9 |
| Seating ...................................................................................... |  | 2521-1 | 06/85 | 112.4 | 112.7 | 114.3 | 3.1 | 1.4 |
| Secretarial chairs |  | 2521-111 | 06/85 | 113.9 | 115.5 | 115.5 | 1.9 | 0 |
| General office and desk chairs (including executive office chairs) ........ |  | 2521-113 | 06/85 | 113.8 | 114.4 | 117.0 | 3.7 | 2.3 |

See footnotes at end of tabie.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Wood office furniture-Continued |  |  |  |  |  |  |  |  |
| Side and arm chairs .... |  | 2521-114 | 06/85 | 113.9 | 114.0 | 115.0 | 3.2 | 0.9 |
| Lounge seating ........................................................................ |  | 2521-121 | 06/85 | 95.2 | 93.8 | 94.1 | -1.2 | 3 |
| Desks and extensions ..................................................................... |  | 2521-2 | 06/85 | 111.0 | 113.1 | 114.1 | 3.7 | . 9 |
| Desks ............................................................................................ |  | 2521-22 | 06/85 | 112.1 | 114.3 | 114.9 | 3.6 | . 5 |
| Executive desks |  | 2521-221 | 06/85 | 111.4 | 113.3 | 114.3 | 5.2 | . 9 |
| Clerical and secretarial desks .................................................. |  | 2521-222 | 06/85 | 113.1 | 116.0 | 116.0 | 1.0 | 0 |
| Storage units, files and tables ........................................................... |  | 2521-4 | 06/85 | 114.7 | 115.1 | 116.0 | 3.0 | . 8 |
| Storage units |  | 2521-411 | 06/85 | 111.9 | 112.4 | 114.1 | 4.4 | 1.5 |
| Credenzas ............................................................................. |  | 2521-41141 | 06/85 | 109.1 | 109.7 | 112.1 | 3.6 | 2.2 |
| Bookcases and other storage units. |  | 2521-41143 | 06/85 | 117.4 | 117.8 | 117.8 | 5.7 | 0 |
| Tables ............................................. |  | 2521-433 | 06/85 | 117.7 | 117.9 | 117.9 | 1.5 | 0 |
| Work/conference ............................................................................... |  | 2521-43355 | 06/85 | 118.4 | 118.4 | 118.4 | 1.2 | 0 |
| All other ....................................................................................................... |  | 2521-43359 | 06/85 | 115.8 | 116.3 | 116.3 | 2.4 | 0 |
| Panel and modular systems furniture ................................................................................... |  | 2521-5 | 06/85 | 102.2 | 102.3 | 102.9 | 1.2 | . 6 |
| Panel systems ................................................................................ |  | 2521-51 | 06/85 | 101.9 | 102.0 | 102.6 | 1.2 | . 6 |
| Panel supported systems |  | 2521-512 | 06/85 | 101.9 | 102.0 | 102.6 | 1.2 | . 6 |
| Panels, less than ceiling height ................................................. |  | 2521-5123 | 06/85 | 98.3 | 98.2 | 99.0 | 1.4 | . 8 |
| Other wood office furniture |  | 2521-611 | 06/85 | 132.4 | 132.4 | 132.4 | . 8 | 0 |
| Secondary products and miscellaneous receipts ................................. |  | 2521-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................................................ |  | 2521-M | 06/85 | 132.7 | 132.7 | 132.7 | 3.2 | 0 |
| Resales ...................................................................................................................... |  | 2521-Z89 | 06/85 | 132.7 | 132.7 | 132.7 | 3.2 | 0 |
| Secondary products ......................................................................... |  | 2521-S | 06/85 | 107.0 | 111.6 | 114.5 | 7.0 | 2.6 |
| Nonwood office furniture | 2522 |  | 12/79 | 161.8 | 162.8 | 162.5 | 1.8 | -. 2 |
| Primary products |  | 2522-P | 12/79 | 163.4 | 164.6 | 164.2 | 1.9 | --2 |
| Office seating ............................................................................... |  | 2522-1 | 12/79 | 156.1 | 156.8 | 156.4 | 2.0 | -. 3 |
| Chairs ................................................................................... |  | 2522-11 | 12/87 | 106.6 | 107.1 | 106.9 | 1.8 | -. 2 |
| Side and arm chairs. |  | 2522-112 | 12/87 | 105.3 | 105.3 | 105.3 | 1.0 | 0 |
| General office and desk chairs, except secretarial .......................... |  | 2522-114 | 12/87 | 105.9 | 105.9 | 105.9 | 1.5 | 0 |
| Other chairs .............................................................................. |  | 2522-115 | 12/79 | 156.0 | 160.6 | 158.2 | . 6 | -1.5 |
| Desks and extensions ...................................................... |  | 2522-2 | 12/79 | 168.9 | 163.5 | 164.4 | -1.5 | . 6 |
| Desks ..................... |  | 2522-224 | 12/87 | 112.2 | 108.6 | 109.2 | -1.5 | . 6 |
| Filing cabinets and cases |  | 2522-3 | 12/79 | 159.1 | 165.1 | 165.2 | 2.2 | . 1 |
| Vertical files, letter and legal. |  | 2522-311 | 12/79 | 154.7 | 155.0 | 155.9 | 2.5 | . 6 |
| Horizontal or lateral files, letter and legal. |  | 2522-321 | 12/79 | 151.9 | 166.5 | 166.8 | 1.0 | . 2 |
| Other files, including motorized, visible, and insulated .......................... |  | 2522-328 | 12/87 | 104.0 | 105.2 | 103.7 | 3.6 | -1.4 |
| Other nonwood office furniture ............................................................ |  | 2522-4 | 12/79 | 168.5 | 168.6 | 167.8 | 2.3 | -. 5 |
| Tables and stands |  | 2522-411 | 12/79 | 142.6 | 142.6 | 142.6 | 3.4 | 0 |
| Systems furniture |  | 2522-42 | 12/87 | 116.3 | 116.4 | 115.1 | 1.9 | -1.1 |
| Modular systems furniture |  | 2522-421 | 12/79 | 150.3 | 157.6 | 145.6 | -2.3 | -7.6 |
| Panel systems furniture ............................................................... |  | 2522-422 | 12/87 | 117.0 | 116.7 | 116.0 | 2.1 | -. 6 |
| Miscellaneous nonwood office furniture, including bookcases ............... |  | 2522-498 | 12/79 | 173.7 | 173.7 | 177.6 | 4.0 | 2.2 |
| Secondary products and miscellaneous receipts |  | 2522-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2522-M | 12/79 | 146.5 | 146.5 | 146.5 | 1.2 | 0 |
| Resales ....................................................................................... |  | 2522-289 | 12/79 | 144.4 | 144.4 | 144.4 | 1.1 | 0 |
| Secondary products ................................................................. |  | 2522-S | 12/79 | 150.4 | 150.6 | 150.6 | 1.1 | 0 |
| Public building and related furniture ................................................................ | 2531 |  | 12/84 | 114.0 | 115.8 | 116.8 | 4.4 | . 9 |
| Primary products ........................................................................... |  | 2531-P | 12/84 | 113.0 | 114.9 | 115.6 | 4.6 | . 6 |
| School furniture, except stone, concrete, and library furniture ................. |  | 2531-1 | 12/84 | 109.0 | 110.6 | 111.4 | 5.8 | . 7 |
| Chairs, all purpose (nonfolding) ........................................................ |  | 2531-136 | 12/84 | 115.0 | 118.9 | 118.6 | 5.9 | -. 3 |
| Storage cabinets ............................................................................ |  | 2531.137 | 12/84 | 103.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ | ${ }^{3}$ ) |
| Other school furniture designed specifically for use in schools ............ |  | 2531-198 | 12/84 | 109.8 | 112.5 | 114.2 | 8.9 | 1.5 |
| Public building and related furniture, except school and restaurant ......... |  | 2531-2 | 12/84 | 114.8 | 116.7 | 117.3 | 4.2 | . 5 |
| Seats for public conveyances .......................................................... |  | 2531-211 | 12/84 | 106.4 | 107.8 | 109.5 | 3.5 | 1.6 |
| Church furniture ............................................................................. |  | 2531-23 | 12/84 | 114.4 | 115.7 | 115.7 | 4.1 | 0 |
| Church pews |  | 2531-231 | 12/84 | 114.8 | 115.4 | 115.4 | 3.8 | 0 |
| Other church furniture (pulpits, altars, etc.) |  | 2531-239 | 12/84 | 113.3 | 116.5 | 116.5 | 5.3 | 0 |
| Chairs and seats, excluding seats for public conveyances and stadiums $\qquad$ |  | $2531-25$ | 12/84 | 123.7 | 124.1 | 124.1 | 3.6 | 0 |
| Stadium and bleacher seating, including grandstands |  | 2531-261 | 12/84 | 136.0 | 135.6 | 135.6 | 3.4 | 0 |
| Other public building furniture |  | 2531-298 | 12/84 | 107.1 | 115.2 | 114.4 | 11.7 | -. 7 |
| Secondary products and miscellaneous receipts .......................................... |  | 2531-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 2531-S | 12/84 | 107.3 | 110.3 | 114.7 | 7.2 | 4.0 |
| Partitions, shelving, lockers, and office and store fixtures ............................... | 254 |  | 12/84 | 116.2 | 116.9 | 117.0 | 2.9 | . 1 |
| Wood partitions and fixtures ....................................................................... | 2541 |  | 12/83 | 122.1 | 122.9 | 123.1 | 3.0 | 2 |
| Primary products ............................................................................... |  | 2541-P | 12/83 | 121.9 | 122.6 | 122.8 | 3.0 | 2 |
| Wood partitions, shelving, and lockers ................................................ |  | 2541-1 | 12/83 | 110.6 | 112.0 | 112.0 | 2.2 | - |
| Partitions (prefabricated, assembled, or knocked down) |  | 2541-111 | 12/83 | 109.2 | 112.0 | 112.0 | 4.6 | 0 |
| Shelving and lockers |  | 2541-141 | 03/84 | 111.4 | (3) | 111.4 | 0 | (3) |
| Plastic laminated fixture tops ............................................................ |  | 2541-2 | 12/83 | 123.1 | 123.7 | 124.8 | 2.5 | . 9 |
| Wood fixtures for stores, banks, offices, etc. .......................................... |  | 2541-3 | 12/83 | 122.8 | 123.6 | 123.5 | 3.2 | -. 1 |
| Retail store fixtures, except food store: custom .................................. |  | 2541-33A | 12/83 | 115.0 | 115.2 | 115.2 | . 9 | 0 |
| Walls and wall fixtures ................................................................. |  | 2541-332 | 08/84 | 110.3 | 110.9 | 110.8 | . 7 | - 1 |
| Center floor tables and gondolas .................................................. |  | 2541-333 | 06/88 | 102.4 | 102.4 | 102.4 | 1.7 | 0 |
| Other fixtures and displays .......................................................... |  | 2541-334 | 12/83 | 104.3 | 104.5 | 104.5 | . 5 | 0 |
| Retail store fixtures, except food store: manufacturers' standard .......... |  | 2541-337 | 12/83 | 142.7 | 143.5 | 143.5 | 3.5 | 0 |

See footnotes at ond of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | Juty 1988 | June 1989 |
| Wood partitions and fixtures-Continued | 2542 |  |  |  |  |  |  |  |
| Retail food store fixtures ........... |  | 2541-338 | 06/88 | 101.6 | 103.8 | 103.8 | 2.2 | 0 |
| Cabinets (floor or wall types) ........................................... |  | 2541-341 | 12/83 | 111.8 | 112.8 | 113.3 | 3.5 | 4 |
| Counters and bank fixtures .... |  | 2541-36 | 12/83 | 120.4 | 120.6 | 120.3 | 1.7 | -. 2 |
| Counters, except bank counters .................................................. |  | 2541-361 | 12/83 | 112.5 | 113.0 | 112.4 | 1.2 | -. 5 |
| Bank fixtures, including bank counters .................................... |  | 2541-362 | 12/83 | 124.0 | 124.0 | 124.0 | 2.2 | 0 |
| Other wood fixtures, including window backs, telephone booths, etc. |  | 2541-398 | 12/83 | 109.7 | 111.1 | 110.9 | 4.6 | -. 2 |
| Secondary products and miscellaneous receipts ...................................... |  | 2541-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2541-M | 01/84 | 120.9 | 120.9 | 120.9 | 3.0 | 0 |
| Resales |  | 2541-Z89 | 06/88 | 103.9 | 103.9 | 103.9 | 3.9 | 0 |
| Secondary products ................................................................... |  | 2541-S | 12/83 | 126.1 | 127.9 | 128.0 | 2.8 | . 1 |
| Metal partitions and fixtures |  |  | 12/83 | 119.5 | 120.0 | 120.3 | 3.0 | 3 |
| Primary products |  | 2542-P | 12/83 | 119.2 | 120.2 | 120.4 | 3.4 | . 2 |
| Metal partitions (prefabricated, assembled, or knocked down) ................ |  | 2542-1 | 12/83 | 117.5 | 118.1 | 118.1 | . 5 | 0 |
| Movable, except free standing ....................................................... |  | 2542-117 | 12/83 | 118.1 | 120.2 | 120.2 | 3.0 | 0 |
| Other partitions, including free standing ............. |  | 2542-119 | 06/88 | 102.2 | 102.5 | 102.5 | -. 1 | 0 |
| Metal shelving and lockers ............................................................... |  | 2542-2 | 12/83 | 120.3 | 121.2 | 121.2 | 3.0 | 0 |
| Metal shelving ................................................................................ |  | 2542-23 | 12/83 | 119.7 | 120.7 | 120.7 | 2.8 | 0 |
| Commercial shelving for factories, stores, etc. $\qquad$ Other shelving, including office shelving for correspondence, |  | 2542-233 | 12/83 | 113.1 | 113.4 | 113.4 | 2.3 | 0 |
| computer tapes, etc. .............................................................. |  | 2542-241 | 12/83 | 116.8 | 119.0 | 119.0 | 3.9 | 0 |
| Lockers ........................................................................................ |  | 2542-251 | 12/83 | 122.5 | 122.8 | 122.8 | 3.5 | 0 |
| Metal storage racks and accessories. |  | 2542-3 | $12 / 83$ | 118.4 | 120.3 | 120.6 | 6.2 | . 2 |
| Drive-in/drive-thru and gravity conveyor pallet storage racks ............... |  | 2542-341 | 02/84 | 118.8 | 118.8 | 118.8 | 10.5 | 0 |
| Portable stacking racks and frames .................................................. |  | 2542-345 | 12/83 | 113.4 | 117.1 | 117.1 | 3.3 | 0 |
| Stacker racks and other metal racks ................................................ |  | 2542-351 | 12/83 | 120.3 | 122.6 | 123.1 | 5.8 | 4 |
| Metal fixtures for stores, banks, offices, etc. ........................................ |  | 2542-4 | 12/83 | 119.6 | 120.3 | 120.7 | 3.3 | . 3 |
| Retail store fixtures, except food store ............................................. |  | 2542-46A | 12/83 | 121.4 | 120.3 | 120.9 | 1.9 | . 5 |
| Custom fixtures ....................... |  | 2542-463 | 12/83 | 118.2 | 116.5 | 116.5 | 2.1 | 0 |
| Manufacturers' standard fixtures ....................................................... |  | 2542-465 | 12/83 | 124.5 | 123.9 | 125.1 | 1.9 | 1.0 |
| Retail food store fixtures .............. |  | 2542-467 | 12/83 | 122.0 | 123.5 | 123.5 | 5.4 | 0 |
| Cabinets (floor or wall type) |  | 2542-471 | 12/83 | 124.9 | 125.5 | 125.5 | 2.0 | 0 |
| Counters, except bank counters .................................................... |  | 2542-481 | 12/83 | 125.0 | 125.0 | 125.0 | 4.9 | 0 |
| Other metal fixtures, including bank fixtures, bank counters, clothing racks, etc. $\qquad$ |  | 2542-498 | 12/83 | 107.7 | 108.2 | 108.2 | 2.2 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2542-SM |  |  |  |  |  |  |
| Secondary products ............................................................................ |  | 2542-S | 12/83 | 121.7 | 123.1 | 123.5 | 4.5 | . 3 |
| Miscellaneous furniture and fixtures ..................................................................... | 259 |  | 12/84 | 114.9 | 118.0 | 117.8 | 6.2 | -. 2 |
| Drapery hardware and blinds and shades | 2591 |  | 06/84 | 118.3 | 121.9 | 121.7 | 6.6 | -. 2 |
| Primary products ... |  | 2591-P | 06/84 | 113.4 | 116.0 | 115.7 | 6.4 | -. 3 |
| Window shades and accessories |  | 2591-3 | 06/84 | 105.4 | 107.9 | 106.8 | 5.1 | -1.0 |
| Window shades.. |  | 2591-3A | 06/84 | 105.4 | 107.9 | 106.8 | 5.1 | $-1.0$ |
| Plastic window shades |  | 2591-311 | 06/84 | 104.0 | 106.8 | ${ }^{3}$ ) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Other window shades including cloth and paper ............................. |  | 2591-313 | 06/84 | 107.2 | 109.5 | 106.8 | 3.8 | -2.5 |
| Venetian blinds ................................................................................ |  | 2591-4 | 06/84 | 98.2 | 104.1 | 104.3 | 8.2 | . 2 |
| Complete venetian blinds, vertical and horizontal ............................... |  | 2591-4A | 06/84 | 102.9 | 110.5 | 110.8 | 8.7 | . 3 |
| Aluminum slat blinds .................................................................. |  | 2591-452 | 06/84 | 101.7 | 109.4 | 109.9 | 9.0 | . 5 |
| All other venetian blinds including wood and plastic ......................... |  | 2591-459 | 06/84 | 112.6 | 119.4 | 117.9 | 6.5 | -1.3 |
| Other shades and blinds n.e.c., curtain and drapery rods, poles and other hardware $\qquad$ |  | 2591-5 | 06/84 | 120.6 | 122.4 | 122.4 | 6.6 | 0 |
| Other shades and blinds, except canvas and other textile fabrics ....... |  | 2591-511 | 06/84 | 129.5 | 129.5 | 129.5 | 2.5 | 0 |
| Curtain and drapery rods, poles, and fixtures fabricated at plant .......... |  | 2591-517 | 06/84 | 117.7 | 120.1 | 120.1 | 8.1 | 0 |
| Carbon steel and all other materials .............................................. |  | 2591-51711 | 06/84 | 122.0 | 124.7 | 124.7 | 8.6 | 0 |
| Secondary products and miscellaneous receipts |  | 2591-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2591-M | 06/84 | 174.1 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Resales ...................................................................................... |  | 2591-Z89 | 06/84 | 174.8 | $\left.(3)^{3}\right)$ | (3) | $\left.{ }^{3}\right)$ | (3) |
| Secondary products .............................................................................. |  | 2591-S | 06/84 | 115.5 | 115.5 | 115.5 | 3.4 | 0 |
| Furniture and fixtures, n.e.c. ....................................................................... | 2599 |  | 12/85 | 112.9 | 115.3 | 115.1 | 5.8 | -. 2 |
| Primary products .................................................................................. |  | 2599-P | 12/85 | 113.4 | 115.9 | 115.4 | 5.4 | -. 4 |
| Hospital beds ................................................................................. |  | 2599-1 | 12/85 | 105.6 | 105.6 | (3) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Hospital beds ............................................................................... |  | 2599-101 | 12/85 | 105.6 | 105.6 | (3) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Restaurant, cateteria and bar furniture ................................................ |  | 2599-2 | 12/85 | 114.3 | 116.0 | 116.3 | 5.7 | . 3 |
| Wood chairs and stools ................................................................. |  | 2599-241 | 12/85 | 112.3 | 112.3 | 114.4 | 4.2 | 1.9 |
| Metal chairs and stools .................................................................. |  | 2599-245 | 12/85 | 108.0 | 108.0 | 108.0 | 4.7 | 0 |
| Booths, bars and back bars ........................................................... |  | 2599-247 | 12/85 | 110.5 | 112.3 | 112.9 | 5.6 | . 5 |
| Other restaurant, cafeteria and bar furniture ....................................... |  | 2599-248 | 12/85 | 116.3 | 118.5 | 118.5 | 6.3 | 0 |
| Other furniture and fixtures, n.e.c. ....................................................... |  | 2599-3 | 12/85 | 114.2 | 119.4 | 116.7 | 4.6 | -2.3 |
| Ship furniture .................................................................................. |  | 2599-351 | 12/85 | 106.4 | 106.4 | 106.4 | 2.3 | 0 |
| Industrial furniture, including benches, stools, sorting tables and cabinets $\qquad$ |  | 2599-353 | 12/85 | 111.6 | 111.8 | 111.8 | 5.0 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 2599-SM |  |  |  |  |  |  |
| Miscelianeous receipts ....................................................................... |  | 2599-M | 12/85 | 114.2 | $\left({ }^{3}\right)$ | 116.3 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Secondary products ............................................................................. |  | 2599-S | 12/85 | 108.1 | 111.5 | 112.6 | 5.9 | 1.0 |
| Paper and allied products ..................................................................................... | 26 |  | 12/84 | 120.4 | 121.5 | 121.2 | 5.9 | -. 2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Bags, except textile bags-Continued <br> 1/6 barrel | 2645 | 2643-11311 | 12/83 | 382.3 | 382.2 | 382.1 | 16.2 | 0 |
|  |  |  |  |  |  |  |  |  |
| Grocers' bags, paper ............................................................... |  | 2643-1132 | 12/83 | 346.9 | 347.0 | 347.0 | 15.8 | 0 |
|  |  | 2643-11322 | 12/83 | 337.7 | 337.8 | 337.9 | 15.6 | 0 |
| 13 lb . or greater ................................................................................... |  | 2643-11323 | 12/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | ${ }^{3}$ ) | (3) |
| Shopping bags, all materials ........................................................... |  | 2643-151 | 12/83 | 130.0 | 128.5 | 128.6 | 4.8 | . 1 |
| Polyethylene combinations, including polyethylene and foil combinations Polyethylene combinations, including polyethylene and foil |  | 2643-2 | 12/83 | 122.8 | 122.3 | 122.6 | 5.6 | . 2 |
| combinations ..................................................................... |  | 2643-2B |  |  |  |  |  |  |
| Unsupported film .................................................................................... |  | 2643-2C | 12/83 | 133.5 | 132.9 | 133.0 | 4.6 | 1 |
| Polyethylene ........ |  | 2643-261 | 12/83 | 134.3 | 133.4 | 133.5 | 4.1 | . 1 |
| Resale household bags, all materials (garbage, lunch, sandwich, etc.) |  | 2643-29 | 12/83 | 109.0 | 104.8 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | ${ }^{3}{ }^{3}$ |
| Film .......................................................................................... |  | 2643-295 | 12/83 | 109.3 | 105.1 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Shipping sacks and multiwall bags, all materials, except textile .............. |  | 2643-3 | 12/83 | 152.5 | 152.9 | 152.9 | 12.4 | 0 |
| Single and double wall .................................................................. |  | 2643-311 | 12/83 | 137.4 | 138.0 | 138.0 | 12.8 | 0 |
| Multiwall (three or more plies) ............................................................ |  | 2643-351 | 12/83 | 155.1 | 155.5 | 155.5 | 12.4 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2643-SM |  |  |  |  |  |  |
| Secondary products ....................................................................................... |  | 2643-S | 12/83 | 132.2 | 132.2 | 132.2 125.7 | 8.3 0 | 0 |
| Other secondary products |  | 2643-SSS | 12/83 | 125.7 | 125.7 | 125.7 155.9 | 153 | 0 |
| Miscellaneous plastics products |  | 3079-S | 12/83 | 155.9 | 155.9 | 155.9 | 15.3 | 0 |
| Die-cut paper and board .............................................................................. |  |  | 12/84 | 117.9 | 119.0 | 119.7 | 7.6 | . 6 |
| Primary products .................................................................................. |  | 2645-P | 12/84 | 118.4 | 119.5 | 120.2 | 7.6 | . 6 |
| Die-cut office supplies and miscellaneous products ............................... |  | 2645-1 | 12/84 | 115.8 | 116.0 | 117.3 | 7.6 | 1.1 |
| Index cards ................................................................................................ |  | 2645-111 | 12/84 | ${ }^{3}$ ) | 113.7 | 118.0 | 11.5 | 3.8 |
| Expanding file folders, including wallets ........ |  | 2645-112 | 12/84 | 115.4 | 115.3 | 115.5 | 6.7 | . 2 |
| Other file folders, including hanging folders ............................... |  | 2645-114 | 12/84 | 113.8 | 113.6 | 115.7 | 7.3 | 1.8 |
| Other die-cut products ............................................................ |  | 2645-199 | 12/84 | 119.0 | 119.3 | 120.2 | 7.7 | 8 |
| Pasted, lined, laminated or surface coated paperboard ......................... |  | 2645-2 | 12/84 | 121.2 | 123.2 | 123.2 | 7.4 | 0 |
| Pasted, lined, laminated or surface coated paperboard ....................... |  | 2645-211 | 12/84 | 121.2 | 123.2 | 123.2 | 7.4 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2645-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 2645-M | 12/84 | 112.1 | ${ }^{(3)}$ | 113.9 | 8.4 | ${ }^{(3)}$ |
| Secondary products ............................................................................... |  | 2645-S | 12/84 | 117.3 | 118.9 | 119.2 | 7.9 | . 3 |
| Pressed and molded pulp goods | 2646 |  | 06/85 | 109.9 | 110.0 | 110.3 | 7.3 | . 3 |
| Primary products ................................................................................ |  | 2646-P | 06/85 | 110.1 | 110.1 | 110.5 | 7.4 | . 4 |
| Other molded pulp goods ................................................................. |  | $2646 \cdot 2$ | 06/85 | 110.4 | 110.4 | 110.8 | 7.9 | 4 |
| Molded pulp plates and dishes ....... |  | 2646-251 | 06/85 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other molded pulp and papier mache articles, excluding statuary and art goods |  | 2646-298 | 06/85 | 131.2 | 128.4 | 130.8 | 8.5 | 1.9 |
| Sanitary paper products | 2647 |  | 06/83 | 119.1 | 121.6 | 120.9 | 6.4 | -. 6 |
| Primary products |  | 2647-P | 06/83 | 119.5 | 121.9 | 121.0 | 6.3 | -. 7 |
| Sanitary napkins and tampons ................................................... |  | 2647-1 | 06/83 | 109.2 | 110.4 | 110.5 | -5.2 | . 1 |
| Tampons ...................................................................................... |  | 2647-151 | 06/83 | 138.0 | 141.1 | 141.4 | 5.8 | . 2 |
| Sanitary tissue health products |  | 2647-2 | 06/83 | 121.4 | 124.0 | 123.0 | 8.6 | -. 8 |
| Table napkins, including plain creped, and facial tissue ...................... |  | 2647-22 | 06/83 | 120.3 | 124.0 | 124.3 | 7.1 | . 2 |
| Industrial (bulk and dispenser type) .................................................. |  | 2647-221 | 06/83 | 117.9 | 120.3 | 120.9 | 5.7 | . 5 |
| Regular type, single ply ................................................................ |  | 2647-221A | 06/83 | 115.6 | 115.8 | 116.7 | 5.3 | 8 |
| Bulk |  | 2647-22101 | 06/83 | 121.5 | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Facial tissue type, 2 ply or more ........................................... |  | 2647-22103 | 06/83 | 123.7 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Toilet tissue ......................................................................... |  | 2647-23 | 06/83 | 117.2 | (3) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Disposable diapers, except diaper liners and adult diapers, paper ...... |  | 2647-287 | 06/83 | 105.3 | 105.3 | 105.3 | 3 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2647-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2647-S | 06/83 | 129.0 | 134.6 | 134.4 | 7.5 | -. 1 |
| Other secondary products ......................................................................... |  | 2647-SSS | 06/83 | 127.5 | 132.7 | 132.5 | 6.9 | -. 2 |
| Stationery products .................................................................................. | 2648 |  | 06/85 | 124.0 | 124.7 | 124.8 | 8.5 | . 1 |
| Primary products ................................................................................ |  | 2648-P | 06/85 | 127.7 | 127.0 | 129.1 | 9.5 | 1.7 |
| Stationery ...................................................................................... |  | 2648-1 | 06/85 | 110.6 | 110.6 | 110.6 | 3.8 | 0 |
| Boxed stationery and portfolios ...................................................... |  | 2648-111 | 06/85 | 108.5 | 108.5 | 108.5 | 5.6 | 0 |
| Tablets and related products .............................................................. |  | 2648-2 | 06/85 | 132.7 | 131.8 | 134.4 | 10.9 | 2.0 |
| Correspondence type tablets ......................................................... |  | 2648-251 | 06/85 | 115.6 | 122.7 | 119.5 | 4.3 | -2.6 |
| Tablets and pads, except legal and memo ........................................ |  | 2648-254 | 06/85 | 128.3 | 134.6 | 134.6 | 16.7 | 0 |
| Notebooks ................................................................................... |  | 2648-257 | 06/85 | 128.3 | 117.4 | 127.1 | 8.2 | 8.3 |
| Looseleaf fillers (school and commercial types) ................................ |  | 2648-261 | 06/85 | 139.5 | 140.8 | 141.1 | 8.0 | . 2 |
| Wrapped ream papers ................................................................... |  | 2648-265 | 06/85 | ${ }^{(3)}$ | 148.2 | $(3)^{3}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other tablets and related products ...................................................... |  | 2648-269 | 06/85 | 113.3 | 116.1 | 114.6 | 12.1 | -1.3 |
| Secondary products and miscellaneous receipts .......................................... |  | 2648-SM |  |  |  |  |  |  |
| Secondary products ............................................................................ |  | 2648-S | 06/85 | 105.1 | 105.1 | 105.6 | 4.8 | . 7 |
| Other secondary products .............................................................. |  | 2648-SSS | 06/85 | 108.1 | 108.1 | 108.9 | 7.5 | . 7 |
| Converted paper products, n.e.c. ................................................................ | 2649 |  | 06/85 | 110.5 | 110.3 | 110.3 | 4.2 | 0 |
| Primary products ................................................................................ |  | 2649-P | 06/85 | 109.9 | 109.6 | 109.6 | 3.9 | 0 |
| Wrapping products (gitt wrap type) ..................................................... |  | 2649-2 | 06/85 | 116.1 | 116.1 | 116.1 | 3.8 | 0 |
| Wallcoverings .................................................................................. |  | 2649-3 | 06/85 | 102.2 | 102.2 | 102.2 | 2.7 | 0 |
| Paper wallcoverings ....................................................................... |  | 2649-3A | 06/85 | 99.7 | 99.7 | 99.7 | . 7 | 0 |
| Other wallcoverings ...................................................................... |  | 2649-3B | 06/85 | 105.2 | 105.2 | 105.2 | 5.0 | 0 |
| Other converted paper and board products ......................................... |  | 2649-5 | 06/85 | 111.0 | 110.6 | 110.6 | 4.3 | 0 |
| Business machine supplies ............................................................ |  | 2649-5A | 06/85 | 118.8 | 116.8 | 116.8 | 8.7 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Book printing | 2732 |  | 12/83 | 120.4 | 121.1 | 121.2 | 5.1 | 0.1 |
| Primary products |  | 2732-P | 12/83 | 123.2 | 123.6 | 123.7 | 5.5 | . 1 |
| Books, printing and binding, lithographic ............................................. |  | 2732-2 | $12 / 83$ | 120.0 | 120.3 | 120.4 | 4.7 | . 1 |
| College textbooks ......................................................................... |  | 2732-2B | 12/83 | 123.6 | 123.7 | 123.7 | 4.7 | 0 |
| Technical, scientific, business, and protessional books ....................... |  | 2732-2C | 12/83 | 123.6 | 123.8 | 123.8 | 5.1 | 0 |
| Hardbound ................................................................................ |  | 2732-228 | 12/83 | 114.6 | 115.0 | 115.0 | 4.4 | 0 |
| Paperbound ........................................................................................ |  | 2732-229 | 12/83 | 131.9 | ${ }^{(3)}$ | 131.9 | 5.7 | (3) |
| General consumer and trade books ................................................. |  | 2732-2D | 12/83 | 117.4 | 118.4 | 118.9 | 5.5 | . 4 |
| Hardbound ................................................................................ |  | 2732-232 | 12/83 | 120.4 | 120.5 | 121.5 | 3.1 | . 8 |
| Paperbound ............................................................................... |  | 2732-234 | 12/83 | 113.1 | 115.3 | 115.2 | 9.4 | -. 1 |
| All other books, n.e.c. including religious books, dictionaries, atlases, etc. $\qquad$ |  | 2732-2F | 12/83 | 115.8 | 115.9 | 115.9 | 4.0 | 0 |
| Hardbound .................................................................................. |  | 2732-242 | 12/83 | 118.0 | 118.0 | 118.0 | $\left({ }^{3}\right)$ | 0 |
| Paperbound. |  | 2732-244 | 12/83 | 109.9 | ${ }^{(3)}$ | 110.2 | $\left({ }^{3}\right)$ | (3) |
| Books, printing only or printing and binding, other than lithographic ........ |  | 2732-8 |  |  |  | 116.8 | 6.5 | 0 |
| Printing and binding .-................................................................... |  | 2732-82 | 12/83 | 114.9 | 116.8 | 116.8 |  | 0 |
| Pamphlets, workbooks, and tests, printing only or printing and binding Lithographic printing $\qquad$ |  | $2732-9$ $2732-91$ | 12/83 | 128.5 | 128.5 | 128.8 | 2.3 | . 2 |
| Workbooks and tests .................................................................... |  | 2732-915 | 12/83 | 144.9 | 144.9 | 145.7 | 5.1 | . 6 |
| Printing and binding.. |  | 2732-91502 | 12/83 | 133.1 | 133.1 | 133.4 | 4.8 | . 2 |
| Secondary products ........... |  | 2732-S | 12/83 | 105.3 | 107.4 | 107.4 | ${ }^{(3)}$ | 0 |
| Commercial printing, lithographic .............................................. |  | 2752-S | 12/83 | 105.5 | 107.6 | 107.6 | (3) | 0 |
| Miscellaneous publishing ......................................................................................... | 2741 |  | 06/84 | 127.4 | 128.0 | 128.3 | 4.1 | . 2 |
| Primary products .................................................................................. |  | 2741-P | 06/84 | 128.0 | 128.6 | 128.9 | 4.2 | . 2 |
| Catalogs and directories, publishing .......................................................... |  | 2741-1 | 06/84 | 121.2 | 122.8 | 122.9 | 5.9 | . 1 |
| Directories .............................................................................. |  | 2741-11 | 06/84 | 121.7 | 123.5 | 123.5 | 6.7 | 0 |
| Telephone |  | 2741-113 | 09/84 | 130.7 | 133.0 | 133.0 | 8.6 | 0 |
| Other, including business reference services ............................... |  | 2741-115 | 06/84 | 106.4 | 107.2 | 107.4 | 3.5 | . 2 |
| Business service publications ..................................................................... |  | 2741-2 | 06/84 | 126.1 | 126.4 | 126.4 | 4.0 | 0 |
| Other business service publications, looseleaf and hardbound ............. |  | 2741-215 | 06/84 | 133.3 | 133.7 | 133.7 | 6.7 | 0 |
| Other miscellaneous publishing .......................................................... |  | 2741-3 | 06/84 | 134.4 | 134.5 | 135.1 | 3.2 | 4 |
| Shopping news ............................................................................. |  | 2741-321 | 06/84 | 147.5 | 147.6 | 147.6 | 8.5 | 0 |
| Patterns, including clothing patterns ............................... |  | 2741-396 | 08/84 | 118.1 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Other miscellaneous publications (almanacs, yearbooks, etc.) ............. |  | 2741-398 | 06/84 | 155.2 | 155.2 | 155.2 | 4.8 | . 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2741-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................ |  | 2741-M | 06/84 | 113.9 | 113.9 | 113.9 | 0 | 0 |
| Secondary products ............................................................................... |  | 2741-S | 06/84 | 122.4 | 123.0 | 123.0 | 3.7 | 0 |
| Commercial printing .................................................................................................. | 275 |  | 12/84 | 114.5 | 115.8 | 116.2 | 4.7 | . 3 |
| Commercial printing, lithographic | 2752 |  | 06/82 | 122.6 | 124.2 | 124.6 | 4.9 | . 3 |
| Primary products ....... |  | 2752-P | 06/82 | 122.9 | 124.6 | 124.9 | 5.0 | . 2 |
| Lithographic magazine and periodical printing ........................................ |  | 2752-1 | 06/82 | 121.4 | 120.7 | 120.7 | 3.3 | 0 |
| Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers) |  | 2752-11 | 12/88 | 101.0 | 100.5 | 100.5 | ${ }^{(3)}$ | 0 |
| Sheet-fed .................................................................................. |  | 2752-112 | 06/82 | 121.1 | 122.2 | 122.2 | 2.7 | 0 |
| Web-fed .................................................................................... |  | 2752-114 | 06/82 | 121.0 | 119.9 | 119.9 | 3.7 | 0 |
| Lithographic label and wrapper printing ................................................ |  | 2752-2 | 06/82 | 118.1 | 118.7 | 119.1 | 6.9 | . 3 |
| Printed custom and stock labels ..................................................... |  | 2752-21 | 12/88 | 102.5 | 103.3 | 103.7 | $\left({ }^{3}\right)$ | 4 |
| Sheet-fed flat printed labels (ex. pressure sensitive) ......................... |  | 2752-212 | 08/82 | 116.0 | 116.6 | 117.1 | ${ }^{(3)}$ | 4 |
| Pressure sensitive labels (flat and rolls) .-......................................... |  | 2752-217 | 06/82 | 138.0 | 140.6 | 140.6 | 8.9 | 0 |
| Lithographic catalog and directory printing ............................................ |  | 2752-3 | 06/82 | 120.4 | 122.0 | 121.6 | 3.0 | -. 3 |
| Catalogs, including direct mail ......................................................... |  | 2752-31 | 12/88 | 101.1 | 102.8 | 102.7 | $(3)^{3}$ | -. 1 |
| Sheet-fed ................................................................................... |  | 2752-312 | 06/82 | 128.4 | 131.5 | 131.6 | 3.7 | . 1 |
| Web-fed ..................................................................................... |  | 2752-314 | 06/82 | 113.2 | 114.7 | 114.5 | 2.0 | -. 2 |
| Directories ................................................................................... |  | 2752-32 | 12/88 | 102.9 | 103.2 | 102.4 | $\left.{ }^{3}\right)$ | -. 8 |
| Telephone directories .................................................................. |  | 2752-32A | 06/82 | 120.0 | 120.6 | 120.6 | . 3 | 0 |
| Web-fed ................................................................................. |  | 2752-322 | 12/88 | 101.7 | 101.7 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Other directories ......................................................................... |  | 2752-32B | 06/82 | 133.0 | 133.0 | 129.9 | 13.3 | -2.3 |
| Sheet-fed ............................................................................... |  | 2752-324 | 12/88 | 102.0 | 102.0 | 102.0 | ${ }^{3}$ ) | 0 |
| Lithographic financial and legal printing |  | 2752-4 | 06/82 | 122.2 | 123.9 | 124.4 | 5.5 | . 4 |
| SEC filing and prospectuses ............................................................. |  | 2752-4A | 12/88 | 100.3 | 102.5 | 103.2 | ${ }^{(3)}$ | . 7 |
| Sheet-fed ..................................................................................... |  | 2752-412 | 12/88 | 100.0 | 104.8 | 106.3 | (3) | 1.4 |
| Web-fed .................................................................................... |  | 2752-414 | 12/88 | 100.5 | 100.5 | 100.5 | ${ }^{3}$ ) | 0 |
| Annual reports and other corporate finanicial printing ........................ |  | 2752-4B | 06/82 | 122.0 | 121.9 | 121.9 | 3.8 | 0 |
| Sheet-fed .................................................................................. |  | 2752-416 | 12/88 | 102.9 | 102.8 | 102.8 | ${ }^{(3)}$ | 0 |
|  |  | 2752-418 | 12/88 | 103.3 | $\left({ }^{3}\right)$ | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | (3) |
| Other financial and legal printing, (including insurance forms, security certificates,etc.) |  | 2752-4C | 06/82 | 121.7 | 123.3 | 124.5 | 6.5 | 1.0 |
| Sheet-fed ................................................................................... |  | 2752-421 | 12/88 | 101.6 | 102.9 | 104.6 | ${ }^{(3)}$ | 1.7 |
| Lithographic advertising printing ......................................................... |  | 2752-5 | 06/82 | 123.4 | 126.3 | 126.4 | 5.8 | . 1 |
| Direct mail ............................................................................... |  | 2752-51 | 12/88 | 102.1 | 107.4 | 106.8 | ${ }^{(3)}$ | -. 6 |
| Sheet-fed .................................................................................. |  | 2752-512 | 06/82 | 142.0 | 156.6 | 155.0 | 16.5 | -1.0 |
| Web-fed .................................................................................... |  | 2752-514 | 06/82 | 121.3 | 120.6 | 120.6 | . 4 | 0 |
| Display advertising ......................................................................... |  | 2752-52 | 12/88 | 102.1 | 102.7 | 104.6 | $\left({ }^{3}\right)$ | 1.9 |
| Posters, (including outdoor advertising, car cards) ............................. |  | 2752-52A |  |  |  |  |  |  |
| Sheet-fed .............................................................................. |  | 2752-522 | 12/88 | 102.1 | 102.1 | 105.3 | $\left.{ }^{3}\right)$ | 3.1 |
| Counter and floor displays .......................................................... |  | 2752-52B | 06/82 | 124.4 | 125.8 | 126.5 | 3.0 | . 6 |
| Sheet-fed ................................................................................ |  | 2752-526 | 12/88 | 102.2 | 103.3 | 103.9 | $\left({ }^{3}\right)$ | . 6 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\text {' }}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Commercial printing, lithographic-Continued |  |  |  |  |  |  |  |  |
| Preprinted newspaper inserts ....... |  | 2752-53 | 06/82 | 99.3 | 100.0 | 100.0 | 1.3 | 0 |
| Web-led sections .................................................................................. |  | 2752-536 | 12/88 | 100.6 | 101.1 | 101.1 | (3) | 0 |
| Other advertising printing, (including brochures, pamphlets, catalog sheet, etc.) $\qquad$ |  | 2752-55 | 12/88 | 101.3 | 102.8 | 102.9 | $(3)^{3}$ | . 1 |
| Sheet-ted ........................................................................................................................ |  | 2752-551 | 06/82 | 118.3 | 119.6 | 119.7 | 4.0 | . 1 |
| Web-led |  | 2752-553 | 06/82 | 130.2 | 133.1 | 133.4 | 7.5 | . 2 |
|  |  | 2752-6 | 06/82 | 125.5 | 127.3 | 128.6 | 5.8 | 1.0 |
| Map, atlas, and globe cover printing |  | 2752-621 | 06/82 | 130.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Calendars and calendar pads .......................................................... |  | 2752-63 | 06/82 | 138.1 | 141.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Sheet-fed ..................................................................................................... |  | 2752-636 | 12/88 | 107.9 | 112.4 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Ticket, coupon, and food and beverage check printing ........................ |  | 2752-644 | 06/82 | 131.0 | 127.7 | 131.0 | 8.8 | 2.6 |
| Playing cards, printed ..................................................................... |  | 2752-647 | 04/83 | 115.0 | 115.0 | 115.0 | ${ }^{(3)}$ | 0 |
| Business forms, except manifold ...................................................... |  | 2752-691 | 12/88 | 101.4 | 104.3 | 105.9 | (3) | 1.5 |
| Quick printing ................................................................................ |  | 2752-696 | 12/88 | 101.5 | 105.3 | 105.1 | ${ }^{(3)}$ | -. 2 |
| All other general commercial printing, n.e.c., sheet-fed ....................... |  | 2752-698 | 12/88 | 101.6 | 102.6 | 103.0 | ${ }^{(3)}$ | . 4 |
| All other general commercial printing, n.e.c., web-fed ........................... |  | 2752-699 | 06/82 | 145.8 | 147.7 | 159.2 | 12.4 | 7.8 |
| Secondary products and miscellaneous receipts ...................................... |  | 2752-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 2752-M | 06/82 | 112.4 | 115.0 | 116.1 | 4.0 | 1.0 |
| Contract work and other miscellaneous receipts ................................ |  | 2752-XY9 | 06/82 | 108.6 | 108.6 | 108.6 | -. 5 | 0 |
| Resales ....................................................................................... |  | 2752-Z89 | 08/82 | 114.2 | 118.0 | 119.7 | 6.1 | 1.4 |
| Secondary products ......................................................................... |  | 2752-S | 06/82 | 123.5 | 124.3 | 125.5 | 5.1 | 1.0 |
| Book printing ............................................................................... |  | 2732-S | 06/82 | 117.8 | 117.4 | 119.9 | 4.8 | 2.1 |
| Other secondary products .............................................................. |  | 2752-SSS | 06/82 | 130.8 | 132.7 | 132.7 | 4.7 | 0 |
| Commercial printing, n.e.c. ............................................................. |  | 2759-S | 06/82 | 128.4 | 129.4 | 131.0 | 6.2 | 1.2 |
| Letterpress general job printing ...................................................... |  | 2759-6S | 12/88 | 102.8 | 104.1 | 106.1 | $\stackrel{3}{4}_{5}$ | 1.9 |
| Manifold business forms ................................................................. |  | 2761-S | 06/82 | 125.4 | 125.0 | 126.2 | 5.3 | 1.0 |
| Commercial printing, gravure ................................................................................. | 2754 |  | 06/82 | 108.3 | 108.5 | 108.5 | 2.1 | 0 |
| Primary products ................................................................................ |  | 2754-P | 06/82 | 107.2 | 107.4 | 107.4 | 1.3 | 0 |
| Magazine and periodical printing, (gravure) .......................................... |  | 2754-1 | 08/82 | 106.8 | 106.8 | 106.8 | $\left({ }^{3}\right)$ | 0 |
| Magazines and periodicals, excluding supplements for Sunday newspapers |  | 2754-133 | 08/82 | 108.2 | 108.2 | 108.2 | ${ }^{(3)}$ | 2 |
| Labels and wrappers, printing (gravure) ............................................... |  | 2754-2 | 06/82 | 118.4 | 119.3 | 119.1 | ${ }^{(3)}$ | -. 2 |
| Labels, custom and stock, excluding cloth ........................................ |  | 2754-22 | 06/82 | 119.6 | 120.1 | 120.1 | 3.4 | 0 |
| Flat, except pressure sensitive ..................................................... |  | 2754-221 | 06/82 | 121.3 | 121.1 | 121.1 | ${ }^{(3)}$ | 0 |
| Printed rolls and sheets for packaging purposes, excluding bags, envelopes, pouches, etc. $\qquad$ |  | 2754-23 | 06/82 | 114.7 | 116.6 | 115.7 | 3.0 | -. 8 |
| Advertising printing, (gravure) ............................................................. |  | 2754-5 |  |  |  |  |  |  |
| Other general job printing, (gravure) .................................................... |  | 2754-6 | 06/82 | 122.2 | 123.6 | 123.7 | 6.5 | . 1 |
| All other general commercial printing n.e.c. (gravure) ........................... |  | 2754-695 | 06/82 | 119.4 | 119.6 | 119.6 | 6.0 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2754-SM |  |  |  |  |  |  |
| Secondary products .......................................................................................... |  | 2754-S | 06/82 | 117.3 | 117.5 | 117.5 | 7.4 | 0 |
| Other secondary products ............................................................... |  | 2754-SSS | 06/82 | 113.6 | 114.3 | 114.3 | 1.4 | 0 |
| Commerical printing, n.e.c. .................................................................................... | 2759 |  | 06/82 | 132.7 | 133.8 | 134.4 | 4.5 | . 4 |
| Primary products ................................................................................ |  | 2759-P | 12/88 | 101.0 | 101.9 | 102.4 | (3) | . 5 |
| Letterpress and screen printing ......................................................... |  | 2759-A | 06/82 | 129.9 | 131.2 | 131.4 | 4.7 | . 2 |
| Letterpress label and wrapper printing .............................................. |  | 2759-2 | 06/82 | 121.4 | 121.8 | 121.8 | 5.2 | 0 |
| Custom and stock labels, including bordered made of paper foil ....... |  | 2759-2A | 06/82 | 117.3 | 117.8 | 117.8 | 3.6 | 0 |
| Rolls pressure sensitive, letterpress (seli-adhesive) ....................... |  | 2759-218 | 06/82 | 112.8 | 112.8 | 112.8 | 5.3 | 0 |
| Printed rolls and sheets for packing purposes ................................ |  | 2759-2B | 06/82 | 129.8 | 129.8 | 129.8 | 8.3 | 0 |
| Other general job printing ............................................................... |  | 2759-6 | 06/82 | 137.5 | 138.1 | 138.1 | 6.1 | 0 |
| All other commercial printing n.e.c., including maps, atlases, etc. |  | 2759-695 | 06/82 | 135.9 | 136.6 | 136.6 | 4.5 |  |
| Screen process printing, except textiles ............................................ |  | 2759-7 | 06/82 | 122.5 | 125.6 | 126.3 | 3.7 | . 6 |
| Decalcomanias and labels .................................................................... |  | 2759-71 | 12/88 | 101.2 | 101.6 | 102.3 | (3) | . 7 |
| Decalcomanias and pressure sensitives (self-adhesive), excluding labels $\qquad$ |  | 2759-711 | 06/82 | 126.8 | 126.8 | 128.2 | 1.3 | 1.1 |
| All other screen process, n.e.c. .................................................... |  | 2759-798 | 06/82 | 125.9 | 125.9 | 125.9 | -. 8 | 0 |
| Engraving ........................................................................................ |  | 2759-B | 12/84 | 111.0 | 111.5 | 116.0 | 7.1 | 4.0 |
| Engraving ........................................................................................ |  | 2759-8 | 12/84 | 111.0 | 111.5 | 116.0 | 7.1 | 4.0 |
| Social engraving .......................................................................... |  | 2759-812 | 12/84 | 118.4 | 121.1 | 121.1 | 3.5 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 2759-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 2759-S | 06/82 | 147.9 | 148.4 | 148.5 | 6.1 | . 1 |
| Commercial printing, lithographic |  | 2752.S | 06/82 | 145.2 | 146.2 | 146.4 | ${ }^{7.5}$ | . 1 |
| Other secondary products |  | 2759-SSS | 12/88 | 103.5 | 103.5 | 103.5 | ${ }^{(3)}$ | 0 |
| Manifold business forms ............................................................................. | 2761 |  | 12/83 | 125.3 | 125.8 | 125.6 | 4.1 | -. 2 |
| Primary products ................................................................................. |  | 2761-P | 12/83 | 125.5 | 125.9 | 125.7 | 4.2 | -. 2 |
| Unit set forms ................................................................................. |  | 2761-2 | 12/83 | 126.5 | 126.2 | 127.1 | 5.6 | . 7 |
| Stock, including imprinted ................................................................ |  | 2761-21 | 12/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 125.0 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Carbonless ................................................................................ |  | 2761-215 | 12/83 | (3) | (3) | 118.1 | ( ${ }^{3}$ ) | (3) |
| Custom printed ................................................................................ |  | 2761-25 | 12/83 | 126.7 | 126.4 | 127.4 | 5.2 | . 8 |
| Carbon ...................................................................................... |  | 2761-253 | 12/83 | 127.5 | 127.2 | 128.2 | 5.2 | 8 |
| Carbonless .............................................................................. |  | 2761-255 | 12/83 | 123.3 | 123.3 | 124.2 | 5.5 | . 7 |
| Manifold books, including sales, and pegboard accounting systems ........ |  | 2761-3 | 12/83 | 122.9 | 123.6 | 124.2 | 3.7 | . 5 |
| Sales and other manifold books ...................................................... |  | 2761-32 | 12/83 | 121.5 | 122.7 | 124.3 | 6.2 | 1.3 |
| Custom .................................................................................... |  | 2761-323 | 12/83 | 123.5 | 125.0 | 127.0 | 8.1 | 1.6 |
| Custom continuous forms, with or without carbon, marginally punched or not $\qquad$ |  | 2761-5 | 12/83 | 127.4 | 129.0 | 128.2 | 5.6 | -. 6 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Self mailer ............................................................................................ |  | 2761-55 | 12/83 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | 139.7 | ${ }^{3}$ ) | (3) |
| All other custom printed ..................................................................... |  | 2761-58 | 12/83 | 126.8 | 128.5 | 127.6 | 5.5 | -0.7 |
| One part ................... |  | 2761-581 | 12/83 | 135.4 | 138.2 | 136.3 | 2.9 | -1.4 |
| Multiple parts |  | 2761-582 | 12/83 | 123.9 | 125.1 | 124.8 | 6.7 | -. 2 |
| Carbon ..................................................................................... |  | 2761-5822 | 12/83 | 124.2 | 126.3 | 125.1 | 6.5 | -1.0 |
| Carbonless |  | 2761-5824 | 12/83 | 122.1 | 119.0 | 120.7 | 5.2 | 1.4 |
| Stock continuous forms ......................................................................... |  | 2761-7 | 12/83 | 121.9 | 121.3 | 121.0 | 1.2 | -. 2 |
| Stock shelf forms ......................................................................................... |  | 2761-76 | 12/83 | 121.9 | 121.3 | 120.9 | 1.1 | -. 3 |
| One part .............................................................................. |  | 2761-761 | 12/83 | 124.8 | 125.2 | 124.7 | 5.8 | -. 4 |
| Multiple parts |  | $2761-762$ | 12/83 | 120.5 | 119.3 | 119.0 | $-1.2$ | -. 3 |
| Carbon $\qquad$ |  | 2761-7621 | 12/83 | 118.6 | 117.5 | ${ }^{(3)}$ | (3) | $\left.{ }^{3}\right)$ |
| Carbonless ........................................................................................................................................ |  | 2761-7622 | 12/83 | ${ }^{3}$ (3) | ${ }^{(3)}$ | 133.3 | ${ }^{3}$ ) | ${ }^{3}$ ) |
| Stock format forms ................................................................... |  | 2761-77 | 06/89 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
|  |  | 2761-772 | 06/89 | ${ }^{3}{ }^{3}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) | (3) |
| All other stock forms .................................................................... |  | 2761-78 | 12/83 | $\left.{ }^{3}\right)$ | (3) | 123.2 | 1.8 | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts ........................................... |  | 2761.SM |  |  |  |  | 5.6 |  |
| Secondary products ....................................................................................................................... |  | 2761-S 2752-S | $12 / 83$ $12 / 83$ | 133.0 | 135.8 135.8 | 136.0 | 5.6 5.6 | .1 .5 |
| Lithographic commercial printing Other secondary products |  | 2752-S 2761-SSS | $12 / 83$ $12 / 83$ | 132.5 126.4 | 135.8 130.1 | $\begin{gathered} 136.5 \\ \left({ }^{(3)}\right. \end{gathered}$ | ${ }^{5} 5.6$ | $3^{(3)}$ |
| Greeting card publishing .............................................................................. | 2771 |  | 12/85 | 114.2 | 114.4 | 114.2 | 5.0 | -. 2 |
| Primary products ................................................................................. |  | 2771-P | 12/85 | 113.3 | 113.5 | 113.2 | 1.4 | -. 3 |
| Publishers' sales ................................................................................. |  | 2771.1 | 12/85 | 113.7 | 114.0 | 113.7 | 1.9 | -. 3 |
| Seasonal greeting cards ................................................................ |  | 2771-1A | 12/85 | 114.0 | 110.0 | 113.9 | -2.3 | 3.5 |
| Counter cards... |  | 2771-111 | 12/85 | 116.1 | 108.6 | 116.1 | -5.5 | 6.9 |
| Packaged cards (including boxed cards) ........................................ |  | 2771-112 | 12/85 | 110.7 | 112.3 | 110.4 | 3.4 | -1.7 |
| Non-seasonal greeting cards .............................................................. |  | 2771-18 | 12/85 | 113.5 | 117.7 | 113.5 | 6.3 | -3.6 |
| Counter cards ............................................................................ |  | 2771-153 | 12/85 | 113.7 | 118.3 | 113.7 | 6.5 | -3.9 |
| Packaged cards (including boxed cards) .............................................. |  | 2771-155 | 12/85 | 110.6 | 110.6 | 110.6 | 3.8 | 0 |
| Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ |  | $\begin{aligned} & 2771-S M \\ & 2771-S \end{aligned}$ | 12/85 | 115.1 | 115.1 | 115.1 | 16.0 | 0 |
| Blankbooks, looseleaf binders, and bookbinding and related work ................... | 278 |  | 06/85 | 117.5 | 120.3 | 120.3 | 6.6 | 0 |
| Blankbooks and looseleaf binders | 2782 |  | 06/85 | 119.4 | 123.2 | 123.2 | 7.9 | . 0 |
| Primary products ........................................................................... |  | 2782-P | 06/85 | 118.8 | 122.8 | 122.8 | 7.9 | 0 |
| Blankbook making ................................................................................. |  | 2782-1 | 06/85 | 122.9 | 127.9 | 127.9 | 7.9 | 0 |
| Columnar, ledger, and account books ................................................ |  | 2782-111 | 06/85 | 120.8 | 126.7 | 126.7 | 9.1 | 0 |
| Diaries and appointment books .......................................................... |  | 2782-135 | 06/85 | 111.8 | 111.8 | 111.8 | 8.3 | 0 |
| Checkbooks, inserts and refills, excluding continuous forms and die cut $\qquad$ |  | 2782-141 | 06/85 | 121.6 | 128.1 | 128.1 | 7.0 | 0 |
| Letterpress process .................................................................... |  | 2782-14111 | 06/85 | 121.2 | 127.3 | 127.3 | 7.0 | 0 |
| Lithographic process ................................................................... |  | 2782-14112 | 07/85 | 120.9 | 129.1 | 129.1 | $\left.{ }^{3}\right)$ | 0 |
| Miscellaneous blankbooks and paper ruling ........................................ |  | 2782-151 | 06/85 | 116.2 | 116.2 | 116.2 | 7.0 | 0 |
| Other miscellaneous blankbooks ................................................... |  | 2782-15155 | 06/85 | 113.3 | 113.3 | 113.3 | 3.7 | 0 |
| Looseleaf binders and devices ............................................................. |  | 2782-2 | 06/85 | 111.2 | 113.2 | 113.2 | 7.8 | 0 |
| Looseleaf binders, ring and prong type, including looseleaf memo books $\qquad$ |  | 2782-233 | 06/85 | 110.8 | 112.3 | 112.3 | 8.8 | 0 |
| Miscellaneous looseleaf binders and devices .................................... |  | 2782-239 | 06/85 | 112.8 | 114.1 | 114.2 | 3.1 | . 1 |
| Other looseleaf binders and devices ............................................. |  | 2782-23998 | 06/85 | 117.0 | 117.1 | 117.2 | 5.6 | . 1 |
| Secondary products and miscellaneous receipts ........................................... |  | 2782-SM |  |  |  |  | ${ }^{3}$ ) |  |
| Miscellaneous receipts .......................................................................................................................................... |  | 2782-M | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 173.5 114.9 | 118.4 | 173.5 | 7.1 | 0 |
| Secondary products <br> Stationery products $\qquad$ $\qquad$ |  | 2648-S | 06/85 | 123.0 | 126.4 | 126.4 | 6.4 | 0 |
| Other secondary products ..................................................................................................................... |  | 2782-SSS | 06/85 | 106.8 | 108.6 | 108.6 | 8.3 | 0 |
| Bookbinding and related work ....................................................................... | 2789 |  | 12/85 | 110.2 | 110.3 | 110.5 | 2.9 | . 2 |
| Primary products ............................................................................................. |  | 2789-P | 12/85 | 110.8 | 111.2 | 111.3 | 3.1 | . 1 |
| Edition, library, trade and other hardcover bookbinding of materials printed elsewhere |  | 2789-1 | 12/85 | 110.0 | 110.5 | 110.9 | 1.6 | . 4 |
| Technical, scientific, business and professional books, and college textbooks $\qquad$ |  | 2789-112 | 12/85 | 127.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | ( ${ }^{3}$ |
| Other books n.e.c. including dictionaries .......................................... |  | 2789-116 | 12/85 | 114.3 | 118.1 | 118.1 | 5.4 | 0 |
| Library binding including prebinding, rebinding, and hardcover binding of periodicals |  | 2789-141 | 12/85 | 106.3 | 106.6 | 106.4 | 1.9 | -. 2 |
| Other book and pamphlet binding and related work .............................. |  | 2789-2 | 12/85 | 111.4 | 111.6 | 111.6 | 4.1 | 0 |
| Soft cover binding of books (49 pages or more) ................................ |  | 2789-223 | 12/85 | 106.7 | 107.2 | 107.2 | 1.9 | 0 |
| Pamphlet and other soft cover binding ............................................ |  | 2789-225 | 12/85 | 102.1 | 102.1 | 102.1 | . 8 | 0 |
| Mechanical binding of products printed elsewhere .................................... |  | 2789-261 | 12/85 | 107.7 | 109.4 | 109.3 | 3.6 | -. 1 |
| Miscellaneous bookbinding work and related service operations on material printed elsewhere $\qquad$ |  | 2789-291 | 12/85 | 119.6 | 119.6 | 119.6 | 6.9 | 0 |
|  |  | 2789-SM $2789-S$ |  |  |  |  |  |  |
| Secondary products $\qquad$ Other secondary products $\qquad$ |  | 2789-S 2789-SSS | $12 / 85$ $12 / 85$ | 103.0 99.4 | 101.7 99.4 | 101.7 99.4 | 4.0 -3.0 | 0 |
| Service industries for the printing trade ......................................................... | 279 |  | 06/85 | 108.2 | 108.4 | 108.5 | 2.2 | . 1 |
| Typesetting ............................................................................................. | 2791 |  | 06/85 | 108.9 | 109.1 | 109.1 | 2.3 | 0 |
| Primary products ................................................................................ |  | 2791-P | 06/85 | 109.2 | 109.4 | 109.4 | 2.5 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


[^7]Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Pharmaceutical preparations-Continued |  |  |  |  |  |  |  |  |
| Diabetes therapy .......................................................................... |  | 2834-127 | 06/81 | 145.9 | 150.2 | 150.6 | 7.3 | 0.3 |
| Diuretics ...................................................................................... |  | 2834-128 | 06/81 | 186.0 | 192.7 | 194.8 | 13.5 | 1.1 |
| Hormones ............................................................................................... |  | 2834-135 | 06/81 | 154.8 | 141.3 | 142.0 | 11.9 | . 5 |
| Muscle relaxants ............................................................................ |  | 2834-139 | 06/81 | 220.8 | 220.8 | 229.2 | 17.3 | 3.8 |
| Nutrients and supplements .............................................................. |  | 2834-141 | 06/81 | 199.4 | 199.4 | 204.0 | 11.5 | 2.3 |
| Opthalmic and otic preparations ............................................................... |  | 2834-142 | 06/81 | 261.1 | 263.9 | 263.9 | 8.2 | 0 |
| Psychotherapeutics ...................................................................... |  | 2834-144 | 06/81 | 291.1 | 302.6 | 307.5 | 13.0 | 1.6 |
| Tranquilizers .............................................................................. |  | 2834-1441 | 12/87 | 113.3 | 119.7 | 121.9 | 12.8 | 1.8 |
| Major tranquilizers ................................................................... |  | 2834-14411 | 12/87 | 107.9 | 112.4 | 111.1 | 3.9 | -1.2 |
| Minor tranquilizers |  | 2834-14412 | 12/87 | 118.0 | 126.2 | 131.6 | 20.5 | 4.3 |
| Antidepressants .......................................................................... |  | 2834-1442 | 12/87 | 116.7 | 117.2 | 118.6 | 13.3 | 1.2 |
| Sedatives .................................................................................... |  | 2834-145 | 06/81 | 379.4 | 422.3 | 425.1 | 16.1 | . 7 |
| Vitamins ...................................................................................... |  | 2834-148 | 06/81 | 169.5 | 169.5 | 169.5 | 14.7 | 0 |
| Adult multivitamins ..................................................................... |  | 2834-14819 | 06/81 | 207.3 | 207.3 | 207.3 | 15.6 | 0 |
| Miscellaneous prescription pharmaceutical preparations ..................... |  | 2834-198 | 06/81 | 207.6 | 209.6 | 212.3 | 8.2 | 1.3 |
| Pharmaceutical preparations, non-prescription .......................................... |  | 2834-2 | 06/81 | 161.1 | 162.7 | 163.4 | 5.0 | 4 |
| Analgesics, internal (except antiarthritics) ......................................... |  | 2834-201 | 06/81 | 199.4 | 201.6 | 201.6 | 8.0 | 0 |
| Non-aspirin (including effervesent) ............................................... |  | 2834-20102 | 06/81 | 147.7 | (3) | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Antacids ..................................................................................... |  | 2834-202 | 06/81 | 161.0 | 163.3 | 164.9 | 3.9 | 1.0 |
| Antiseptics and antibacterlals ........................................................ |  | 2834-206 | 06/81 | 150.8 | 150.8 | 150.8 | 4.8 | 0 |
| Cough and cold preparations .......................................................... |  | 2834-208 | 06/81 | 172.2 | 174.3 | 176.7 | 4.2 | 1.4 |
| Cough syrups, elixirs, expectorants, drops, lozenges, gums, troches |  | 2834-20819 | 06/81 | 147.5 | 148.4 | 148.8 | 2.3 | . 3 |
| Cold tablets, capsules (including antihistamine cold preparations) ..... |  | 2834-20831 | 06/81 | 182.1 | 187.1 | 187.1 | 2.7 | 0 |
| Decongestants .......................................................................... |  | 2834-20849 | 06/81 | 205.8 | 205.8 | 210.1 | 6.5 | 2.1 |
| Other cough and cold preparations, inc. decongestant and antihistamine mixtures $\qquad$ |  | 2834-20851 | 06/81 | 173.0 | 174.5 | 181.5 | 6.5 | 4.0 |
|  |  | 2834-209 | 06/81 | 162.9 | 165.8 | 165.8 | 3.7 | 0 |
| Acne preparations ..................................................................... |  | 2834-20901 | 06/81 | 142.7 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Antipruritics ................................................................................ |  | 2834-20905 | 12/87 | 105.5 | 105.5 | 105.5 | 1.2 | 0 |
| Other dermatologicals |  | 2834-20909 | 06/81 | 189.5 | 191.4 | 191.4 | 3.8 | 0 |
| External analgesics and counterirritants ........................................... |  | 2834-211 | 06/81 | 109.0 | 109.2 | 109.2 | 1.8 | 0 |
| Laxatives ......................................................................................... |  | 2834-216 | 06/81 | 149.8 | 149.8 | 149.8 | 6.4 | 0 |
| Nutrients and supplements .............................................................. |  | 2834-217 | 12/87 | 103.3 | 103.7 | 106.2 | 3.7 | 2.4 |
| Vitamins ....................................................................................... |  | 2834-221 | 06/81 | 127.6 | 129.4 | 129.4 | 4.3 | 0 |
| Adult multivitamins ...................................................................... |  | 2834-22101 | 06/81 | 127.2 | 129.6 | 129.7 | 2.9 | . 1 |
| B-complex .................................................................................. |  | 2834-22102 | 06/81 | 121.5 | 125.5 | 125.3 | 8.3 | -. 2 |
| Miscellaneous non-prescription pharmaceutical preparations ................ |  | 2834-298 | 06/81 | 181.8 | 181.8 | 181.8 | 6.4 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 2834-SM 2834-M |  |  |  |  |  |  |
| Miscellaneous receipts $\qquad$ <br> Resales $\qquad$ |  | 2834-M 2834-Z89 | 06/81 | 189.8 189.8 | 189.8 189.8 | 189.8 189.8 | 4.1 | . 0 |
| Secondary products .......................................................................... |  | 2834-S | 06/81 | 166.9 | 170.0 | 169.6 | 9.3 | -. 2 |
| Biological products ...................................................................... |  | 2831-S | 06/81 | 289.4 | 284.8 | 283.5 | 3.9 | -. 5 |
| Other secondary products ............................................................. |  | 2834-SSS | 06/81 | 174.1 | 175.8 | 175.2 | 21.4 | -. 3 |
| Cosmetics and toiletries ................................................................... |  | 2844-S | 12/87 | 103.9 | 104.3 | 104.3 | 4.3 | 0 |
| Soap, detergents, and cleaning preparations, perfumes, cosmetics and other toilet preparations $\qquad$ | 284 |  | 12/84 | 113.5 | 114.7 | 114.5 | 4.0 | -. 2 |
| Soap and other detergents | 2841 |  | 06/83 | 115.3 | 116.6 | 116.4 | 5.1 | -. 2 |
| Primary products |  | 2841-P | 06/83 | 115.1 | 116.5 | 115.8 | 4.7 | -. 6 |
| Soap and detergents, nonhousehold ................................................. |  | 2841-1 | 06/83 | 121.0 | 124.3 | 124.6 | 7.1 | . 2 |
| Acid-type cleaners ........................................................................ |  | 2841-1A | 06/83 | 112.0 | 112.7 | 112.8 | 1.8 | . 1 |
| Metal cleaners .......................................................................... |  | 2841 -17 | 06/83 | ${ }^{(3)}$ | (3) | 111.4 | (3) | (3) |
| Liquid metal cleaners ............................................................... |  | 2841-177 | 06/83 | ${ }^{(3)}$ | () | 111.4 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other acid-type cleaners ............................................................ |  | 2841-179 | 06/83 | 115.1 | 119.6 | (3) | ${ }^{(3)}$ | (3) |
| Synthetic organic detergents, nonhousehold |  | 2841-1B | 06/83 | 125.5 | 128.8 | 129.8 | 8.9 | . 8 |
| Dry (powders), anionic base |  | 2841-141 | 06/83 | 126.5 | 127.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Liquid ....................................................................................... |  | 2841-1BB | 06/89 | ${ }^{(3)}$ | 100.0 | 101.2 | (3) | 1.2 |
| Liquid, anionic base ................................................................. |  | 2841-145 | 06/83 | 125.9 | 131.3 | 134.3 | 10.1 | 2.3 |
| Liquid, cationic and amphoteric ................................................... |  | 2841-146 | 06/83 | 134.5 | 134.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | ( ${ }^{3}$ |
| Liquid, nonionic or other base ................................................... |  | 2841-149 | 06/83 | 120.9 | 125.5 | 125.5 | 9.3 | 0 |
| Soaps, except specialty cleaners, nonhousehold ............................... |  | 2841-1C | 06/89 | (3) | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Chips, flakes, granulated, powdered, and sprayed, incl. washing powders $\qquad$ |  | 2841-112 | 06/83 | 122.1 | 122.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Liquid ....................................................................................... |  | 2841-114 | 06/83 | 116.4 | 116.5 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Other nonhousehold soap, including mechanics' hand soap ............ |  | 2841-119 | 04/85 | (3) | ${ }^{(3)}$ | 108.3 | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Alkaline detergents, nonhousehold .................................................... |  | 2841-1D | 06/83 | 122.1 | 126.8 | 126.9 | 8.6 | . 1 |
| Machine dishwashing compounds ................................................ |  | 2841-1DA | 06/89 | (3) | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Liquid ..................................................................................... |  | 2841-121 | 06/83 | 132.2 | 144.0 | (3) | ${ }^{(3)}$ | (3) |
| Dry ....................................................................................... |  | 2841-123 | 06/83 | 131.4 | 141.2 | 141.2 | 14.4 | 0 |
| Other liquid alkaline detergents ..................................................... |  | 2841-125 | 06/83 | 116.5 | 117.4 | 118.6 | 5.8 | 1.0 |
| Dry alkaline detergent hard surface cleaners ................................... |  | 2841-126 | 06/83 | 117.5 | 120.2 | 120.2 | 4.1 | 0 |
| Other dry alkaline detergents ....................................................... |  | 2841-128 | 06/83 | 128.5 | 137.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | () |
| Household detergents ...................................................................... |  | 2841-2 | 06/83 | 108.2 | 109.3 | 108.0 | 3.4 | -1.2 |
| Synthetic organic detergents, household .......................................... |  | 2841-2A | 06/83 | 108.4 | 109.7 | 108.1 | 3.7 | -1.5 |
| Dry .......................................................................................... |  | 2841-2AA | 06/83 | 107.7 | 109.0 | 109.0 | 7.0 | 0 |
| Heavy duty, phosphate based |  | 2841-224 | 06/83 | 110.5 | 110.5 | (3) | ${ }^{(3)}$ | (3) |
| Heavy duty, phosphate free |  | 2841-226 | 09/83 | $\left.{ }^{3}\right)$ | ${ }^{3}$ ) | 93.8 | $\left.{ }^{3}\right)$ | ${ }^{3}$ |
| Liquid .......................................................................................... |  | 2841-2AB | 06/83 | (3) | (3) | 107.0 | (3) | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industiy and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Soap and other detergents-Continued | 2842 |  |  |  |  |  |  |  |
| Light duty ........................... |  | 2841-231 | 06/83 | 121.9 | 122.9 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Heavy-duty ....................................................................... |  | 2841-235 | 06/89 | (3) | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Household soap, except specialty cleaners ......................................... |  | 2841-3 | 06/83 | 131.5 | 131.6 | 131.6 | 6.2 | 0 |
| Toilet soaps, excluding medicated soaps ........................................... |  | 2841-311 | 06/83 | 132.8 | 132.8 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts |  | 2841-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2841-M | 06/83 | 121.7 | 121.7 | $(3)^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Resales ........................................................................................ |  | 2841-Z89 | 06/83 | 121.7 | 121.7 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Secondary products .......................................................................... |  | 2841-S | 06/83 | 113.3 | 114.7 | 116.7 | 8.1 | 1.7 |
| All other secondary products .......................................................... |  | 2841-SSS | 06/83 | 120.0 | 116.9 | 116.7 | 4.8 | -. 2 |
| Polishes and sanitation goods |  | 2842-S | 06/83 | 126.7 | 135.0 | 139.2 | 16.9 | 3.1 |
| Toilet preparations ......................................................................... |  | 2844-S | 06/83 | 95.8 | 95.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Specialty cleaning, polishing and sanitation preparations ................................ |  |  | 06/83 | 114.1 | 115.6 | 116.9 | 5.9 | 1.1 |
| Primary products ................................................................................ |  | 2842-P | 06/83 | 115.6 | 117.3 | 118.7 | 6.6 | 1.2 |
| Household bleaches |  | 2842-2 | 06/83 | 114.1 | 116.8 | 117.7 | 8.1 | . 8 |
| Liquid, less than 7\% chlorine or equivalent oxidizing agent ................. |  | 2842-243 | 06/83 | 113.0 | 116.5 | 117.5 | 8.8 | . 9 |
| Dry, less than $50 \%$ chlorine or equivalent oxidizing agent ................... |  | 2842-253 | 06/83 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | 117.9 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Specialty cleaning and sanitation products .......................................... |  | 2842-3 | 06/83 | 115.1 | 116.7 | 118.6 | 6.8 | 1.6 |
| Glass window cleaning preparations ................................................ |  | 2842-311 | 06/83 | 106.1 | 106.1 | 106.7 | 2.2 | . 6 |
| Oven cleaners .............................................................................. |  | 2842-321 | 06/83 | 115.8 | 117.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Toilet bowl cleaners and drain pipe solvents .................................... |  | 2842-331 | 06/83 | 119.4 | 124.3 | 126.9 | 11.8 | 2.1 |
| Toilet bowl cleaners .................................................................... |  | 2842-33111 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.4 | ${ }^{(3)}$ | . 4 |
| Drain pipe solvents .......................................................................... |  | 2842-33121 | 06/89 | ${ }^{(3)}$ | 100.0 | 105.8 | ${ }^{(3)}$ | 5.8 |
| Disinfectants for uses other than agricultural .................................... |  | 2842-332 | 06/83 | 119.6 | 121.1 | 121.5 | 5.8 | . 3 |
| Rug and upholstery cleaners, consumer type preparations |  | 2842-351 | 06/83 | 94.9 | 95.6 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Deodorants, nonpersonal ..................................................................... |  | 2842-38 | 06/83 | 114.8 | 114.8 | 118.0 | 4.5 | 2.8 |
| Aerosol type ................................................................................ |  | 2842-381 | 11/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 125.6 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Other deodorants, nonpersonal .................................................. |  | 2842-385 | 06/83 | 109.2 | 109.3 | 110.3 | 7.4 | . 9 |
| Household laundry aids .................................................................. |  | 2842-39 | 06/83 | 118.0 | 119.2 | 122.6 | 9.3 | 2.9 |
| Fabric softeners and rinses .......................................................... |  | 2842-394 | 06/83 | 118.0 | 119.2 | 122.6 | 9.3 | 2.9 |
| Liquid .................................................................................... |  | 2842-39411 | 06/89 | ${ }^{(3)}$ | 100.0 | 102.7 | ${ }^{(3)}$ | 2.7 |
| Other spec. deterg. incl. sweeping cmpds., waterless hand cinrs., ironing aids, and wall clnrs $\qquad$ |  | 2842-399 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.2 | $(3)^{3}$ | . 2 |
| Polishing preparations and related products ........................................ |  | 2842-4 | 06/83 | 118.1 | 119.3 | 119.3 | 4.4 | 0 |
| Automobile body polishes and cleaners ............................................. |  | 2842-411 | 06/83 | 127.8 | 127.8 | 127.8 | 1.8 | 0 |
| Furniture polishes and cleaners ...................................................... |  | 2842-415 | 06/83 | 117.5 | 119.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Floor polish .................................................................................. |  | 2842-42 | 06/83 | $\left({ }^{3}\right)$ | ( ${ }^{3}$ ) | 111.1 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Water emulsion ......................................................................... |  | 2842-421 | 06/83 | 108.8 | 109.2 | 109.2 | 1.0 | 0 |
| Liquid (other than water emulsion) ............................................... |  | 2842-423 | 07/83 | 115.3 | 119.1 | 119.1 | 7.2 | . 0 |
| Leather dressings and finishes, excluding shoe polish ........................ |  | 2842-463 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Related products, including metal polish and polishing cloths and papers |  | 2842-498 | 06/83 | 123.4 | 123.4 | 123.4 | 4.0 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 2842-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2842-M | 06/83 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | 97.4 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Resales ....................................................................................... |  | 2842-Z89 | 06/83 | 96.5 | 97.2 | 97.4 | 5.2 | . 2 |
| Secondary products |  | 2842-S | 06/83 | 118.4 | 119.6 | 121.0 | 3.9 | 1.2 |
| Soap and other detergents ............................................................ |  | 2841-S | 06/83 | 121.2 | 123.6 | 125.7 | 6.3 | 1.7 |
| All other secondary products ............................................................ |  | 2842-SSS | 06/83 | 112.2 | 112.4 | 113.0 | . 6 | . 7 |
| Agricultural chemicals, n.e.c. .............................................................. |  | 2879-S | 06/83 | 121.3 | 121.5 | 122.3 | 2.7 | . 7 |
| Surface-active agents ................................................................................ | 2843 |  | 12/83 | 121.0 | 122.8 | 124.4 | 9.8 | 1.3 |
| Primary products ................................................................................ |  | 2843-P | 12/83 | 123.1 | 124.6 | 126.6 | 8.1 | 1.6 |
| Textile and leather assistants and finishes .......................................... |  | 2843-1 | 12/83 | 112.9 | 116.5 | 116.5 | 9.4 | 0 |
| Assistants .................................................................................... |  | 2843-13 | 12/83 | 113.0 | 116.3 | 116.3 | 9.5 | 0 |
| Textile ....................................................................................... |  | 2843-131 | 12/83 | 114.9 | 118.8 | 118.8 | 11.4 | 0 |
| Leather ..................................................................................... |  | 2843-135 | 12/83 | 105.0 | 105.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Finishes ...................................................................................... |  | 2843-16 | 12/83 | (3) | (3) | 116.6 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Textile ...................................................................................... |  | 2843-161 | 12/83 | 113.6 | 114.6 | 114.6 | 7.9 | 0 |
| Bulk surface-active agents (surfactants) .............................................. |  | 2843-5 | 12/83 | 126.4 | 127.2 | 129.4 | 7.4 | 1.7 |
| Anionic ........................................................................................ |  | 2843-53 | 12/83 | 120.0 | 121.9 | 121.9 | 5.2 | 0 |
| Phosphoric and polyphosphoric acid esters .................................... |  | 2843-533 | 12/83 | 130.3 | 131.2 | (3) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Sultonic acids ............................................................................ |  | 2843-535 | 03/84 | 131.6 | ${ }^{(3)}$ | 133.5 | 4.2 | $\left({ }^{3}\right)$ |
| Sulfuric acid esters ................................................................. |  | 2843-537 | 12/83 | 110.5 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ |
| Other anionic surfactants .............................................................. |  | 2843-539 | 12/83 | 129.9 | 138.5 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Cationic ...................................................................................... |  | 2843-55 | 12/83 | 115.8 | 113.8 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Quaternary ammonium salts ................................................................................................................ |  | 2843-553 | 12/83 | 119.4 | 119.4 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other cationic surfactants ............................................................ |  | 2843-555 | 12/83 | 174.3 | 169.0 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Nonionic ................................................................................ |  | 2843-57 | 12/83 | 135.6 | 136.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Ethers .................................................................................................... |  | 2843-575 | 12/83 | 134.0 | 134.9 | (3) | (3) | $\left({ }^{3}\right)$ |
| Other nonionic surfactants .......................................................... |  | 2843-579 | 12/83 | 122.9 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ...................................... |  | 2843-SM | 12/83 | ${ }^{(3)}$ | (3) | (3) | ${ }^{(3)}$ | (3) |
| Secondary products ......................................................................... |  | 2843-S | 12/83 | 113.1 | 116.3 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ |
| Toilet preparations ...................................................................................... | 2844 |  | 03/80 | 149.1 | 150.2 | 149.0 | 1.4 | -. 8 |
| Primary products ................................................................................ |  | 2844-P. | 03/80 | 151.3 | 152.4 | 151.0 | 1.3 | -. 9 |
| Shaving preparations ....................................................................... |  | 2844-1 | 03/80 | 134.2 | 136.9 | 138.3 | 2.8 | 1.0 |
| Aftershave preparations ................................................................. |  | 2844-156 | 03/80 | 121.9 | 125.3 | 127.1 | 4.0 | 1.4 |
| Perfume, toilet water, and cologne ..................................................... |  | 2844-2 | 03/80 | 160.8 | 157.2 | 155.2 | -1.8 | -1.3 |
| Perfume ....................................................................................... |  | 2844-2A | 03/80 | 150.1 | 150.3 | 150.3 | 6.3 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Toilet preparations-Continued |  |  |  |  |  |  |  |  |
| Perfume oil mixtures and blends ................................................... |  | 2844-211 | 03/80 | 144.5 | 144.8 | 144.8 | 3.5 | 0 |
| Liquid and solid perfume ........................................................ |  | 2844-223 | 03/80 | 160.1 | ${ }^{(3)}$ | 160.1 | 10.0 | ${ }^{(3)}$ |
| Cologne and toilet water ............................................................ |  | 2844-232 | 03/80 | 166.3 | 160.6 | 157.4 | -5.9 | -2.0 |
| Cologne ........................... |  | 2844-23201 | 12/86 | 116.6 | 110.9 | 106.6 | -10.6 | -3.9 |
| Toilet water |  | 2844-23202 | 12/86 | 118.4 | 118.4 | 120.8 | 5.1 | 2.0 |
| Hair preparations. |  | 2844-3 | 03/80 | 146.1 | 147.1 | 145.4 | . 9 | -1.2 |
| Hair tonics and rinses ............................................................... |  | 2844-3A | 03/80 | 147.9 | 148.0 | 142.1 | 1.6 | -4.0 |
| Hair tonics (including conditioners) ....................................... |  | 2844-321 | 03/80 | 141.5 | 141.7 | 136.0 | 1.6 | -4.0 |
| Hair dressings and sprays ........................................................... |  | 2844-38 | 03/80 | 153.3 | 153.4 | 153.4 | . 3 | 0 |
| Hair dressings ........................................................................................ |  | 2844-341 | 03/80 | 160.1 | 160.2 | 159.8 | 1.2 | -. 2 |
| Hair sprays ................................................................................. |  | 2844-36A | 12/80 | 122.3 | 122.4 | 122.4 | . 2 | 0 |
| Aerosol hair sprays .............................................................................. |  | 2844-363 | 03/80 | 154.5 | 154.7 | 154.7 | . 3 | 0 |
| Shampoos .................... |  | 2844-31 | 03/80 | 116.4 | 115.7 | 114.5 | . 4 | -1.0 |
| Synthetic organic detergent ................................................. |  | 2844-31A | 03/80 | 113.8 | 113.2 | 111.9 | . 4 | -1.1 |
| Liquid synthetic organic detergent .................................... |  | 2844-316 | 03/80 | 109.8 | 109.2 | 107.9 | . 4 | -1.2 |
| Permanents - both home and commercial |  | 2844-337 | 03/80 | 140.9 | 147.9 | 140.3 | . 7 | -5.1 |
| Hair coloring preparations |  | 2844-351 | 03/80 | 172.5 | 175.3 | 175.3 | 1.5 | 0 |
| Dentifrices ........................................................................................ |  | 2844-4 | 03/80 | 135.1 | 133.4 | 133.4 | 1.0 | 0 |
| Toothpaste ................................................................................. |  | 2844-421 | 03/80 | 130.7 | 127.7 | 127.7 | -2.4 | 0 |
| Other cosmetics and toilet preparations ................................................ |  | 2844-5 | 03/80 | 155.0 | 158.9 | 157.6 | 3.3 | -. 8 |
| Creams and lotions ....................................................................... |  | 2844-51 | 03/80 | 151.6 | 152.4 | 152.0 | 3.1 | -. 3 |
| Creams .................................................................................... |  | 2844-51A | 03/80 | 163.0 | 164.6 | 163.9 | 5.3 | -. 4 |
| Cleansing creams .................................................................... |  | 2844-511 | 03/80 | 188.7 | 194.2 | 194.1 | 8.9 | -. 1 |
| Foundation creams ................................................................... |  | 2844-512 | 03/80 | 147.7 | 147.7 | 144.8 | . 1 | -2.0 |
| Lubricating creams, including hormone creams .............................. |  | 2844-513 | 03/80 | 168.8 | 169.2 | 169.1 | 6.0 | -. 1 |
| Other creams ......................................................................... |  | 2844-514 | 03/80 | 148.7 | 148.7 | 148.7 | 4.2 | 0 |
| Lotions and oils ......................................................................... |  | 2844-51B | 03/80 | 141.4 | 141.4 | 141.3 | . 9 | -. 1 |
| Suntan lotions and sunscreens, including oils .............................. |  | 2844-515 | 03/80 | 134.1 | 134.1 | 134.1 | 1.3 | 0 |
| Cleansing lotions ......................................................................... |  | 2844-516 | 03/80 | 111.5 | 108.3 | 108.4 | ${ }^{(3)}$ | . 1 |
| Hand lotions ........................................................................... |  | 2844-518 | 03/80 | 148.5 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ | (3) |
| Other lotions \& oils, including petroleum jellies but excluding hair, aftershave \& bath oils $\qquad$ |  | 2844-519 | 03/80 | 134.0 | 134.6 | 134.1 | -7.8 | -. 4 |
| Cosmetics ........................................................................................... |  | 2844-52A | 03/80 | 159.5 | 161.2 | 162.1 | . 4 | 6 |
| Lip preparations (lipstick, lip gloss, etc.) ................................................ |  | 2844-521 | 03/80 | 129.6 | 129.1 | 131.2 | -5.6 | 1.6 |
| Blushers (rouges), excluding lip rouge ......................................... |  | 2844-522 | 03/80 | 144.1 | 151.2 | 151.2 | 7.8 | 0 |
| Eye preparations (mascara, eye shadows, eye liners, eye creams, etc.) |  | 2844-523 | 03/80 | 194.4 | 196.3 | 196.2 | 2.8 | -. 1 |
| Deodorants .................................................................................. |  | 2844-528 | 03/80 | 160.9 | 183.3 | 167.2 | 2.0 | -8.8 |
| Underarm deodorants ......................................................................... |  | 2844-52C | 03/80 | 154.3 | 178.1 | 161.0 | 2.2 | -9.6 |
| Liquid, cream and roll-on deodorants .......................................... |  | 2844-528 | 03/80 | 150.3 | 151.4 | 148.3 | 3.6 | -2.0 |
| Manicure preparations ................................................................... |  | 2844-53 | 03/80 | 147.0 | 147.5 | 147.5 | -1.0 | 0 |
| Powders ...................................................................................... |  | 2844-54 | 03/80 | 156.3 | 156.3 | 156.3 | 3.8 | 0 |
| Face powders .......................................................................... |  | 2844-543 | 03/80 | 165.9 | 165.9 | 165.9 | 1.3 | 0 |
| Wet application powders, and other powders, including foot powders |  | 2844-549 | 03/80 | 150.8 | 150.8 | 150.8 | 0 | 0 |
| Bath oils and salts ........................................................................................ |  | 2844-56 |  |  |  |  |  |  |
| Bath oils and salts ..................................................................... |  | 2844-561 | 03/80 | $\left.{ }^{3}\right)$ | (3) | $(3)^{3}$ | $\left({ }^{3}\right)$ | (3) |
| Other cosmetics and toilet preparations ............................................ |  | 2844 -59 | 12/80 | 119.0 | 115.0 | 115.0 | -3.4 | 0 |
| Secondary products and miscellaneous receipts ............................................ |  | 2844-SM |  |  |  |  |  |  |
| Miscellaneous receipts ............................................................................ |  | 2844-M | 03/80 | 103.2 | 103.3 | 103.4 | 1.1 | . 1 |
| Resales ................................................................................................... |  | 2844-289 | 12/80 | 103.0 | 103.1 | 103.1 | 1.0 | 0 |
| Secondary products ....................................................................................... |  | 2844-S | 03/80 | 207.6 | 212.1 | 211.9 | 3.8 | -. 1 |
| Paints and Allied Products .................................................................................. | 2851 |  | 06/83 | 117.5 | 119.5 | 120.7 | 7.4 | 1.0 |
| Primary products ................................................................................ |  | 2851-P | 06/83 | 116.5 | 118.1 | 119.3 | 6.7 | 1.0 |
| Architectural coatings, including architectural lacquers .......................... |  | 2851-1 | 06/83 | 123.6 | 124.0 | 125.7 | 7.3 | 1.4 |
| Exterior .................................................................................. |  | 2851-1A | 06/83 | 118.0 | 118.4 | 119.3 | 5.8 | . 8 |
| Solvent-type ............................................................................... |  | 2851-1AA | 06/83 | 122.6 | 122.9 | 122.8 | 2.9 | -. 1 |
| Paints and tinting bases, including barn and root paints ................. |  | 2851-112 | 12/88 | 102.6 | 102.7 | 102.5 | ${ }^{(3)}$ | -. 2 |
| Stains, including shingle and shake ............................................ |  | 2851-137 | 06/83 | 124.6 | 125.8 | 125.8 | 9.1 | 0 |
| Water-type ................................................................................ |  | 2851-1AB | 06/83 | 114.1 | 114.5 | 116.3 | 8.4 | 1.6 |
| Paints and tinting bases, including barn and roof paints ................ |  | 2851-141 | 12/88 | 104.8 | 105.0 | 106.8 | (3) | 1.7 |
| Interior ........................................................................................ |  | 2851-18 | 06/83 | 128.6 | 129.0 | 131.5 | 8.8 | 1.9 |
| Solvent-type ........................................................................................... |  | 2851-18A | 06/83 | 126.9 | 126.6 | 130.5 | 7.7 | 3.1 |
| Semigloss, eggshell and satin paints and tinting bases ................ |  | 2851-169 | 06/83 | 130.2 | 131.3 | 132.8 | 9.4 | 1.1 |
| Water-type ................................................................................. |  | 2851-18 | 06/83 | 129.4 | 130.1 | 131.9 | 9.2 | 1.4 |
| Flat paints and tinting bases ..................................................... |  | 2851-181 | 06/83 | 131.1 | 132.1 | 132.9 | 8.0 | . 6 |
| Semigloss, eggshell and satin paints and tinting bases ................ |  | 2851-183 | 06/83 | 124.0 | 124.5 | 128.3 | 11.1 | 3.1 |
| Product finishes for original equipment manufacturers (OEM), excluding marine coatings $\qquad$ |  | 2851.2 | 06/83 | 108.5 | 109.9 | 110.7 | 4.8 | . 7 |
| Transportation finishes, except powdered and high-solids coatings ...... |  | 2851-2A | 06/83 | 110.4 | 113.5 | 114.2 | 5.7 | . 6 |
| Automobile finishes .................................................................. |  | 2851-222 | 06/83 | 107.9 | 111.9 | 112.7 | 6.4 | . 7 |
| Other transportation equipment finishes, including aircraft and railroad |  | 2851-225 | 12/88 | 104.5 | 105.2 | 105.2 | $\left.{ }^{3}\right)$ | 0 |
| Wood finishes ............................................................................... |  | 2851-2B | 06/83 | 106.5 | 108.7 | 108.7 | 3.9 | 0 |
| Wood furniture, cabinet, and fixture finishes .................................... |  | 2851-237 | 06/83 | 110.0 | 112.3 | 112.4 | 4.2 | . 1 |
| Wood and composition board flat stock finishes ....................... |  | 2851-239 | 12/88 | 100.0 | 101.9 | 101.9 | (3) | 0 |
| Sheet, strip and coil coatings, including sidings, excluding containers |  | 2851-241 | 06/83 | 110.6 | 111.2 | 111.0 | 3.9 | -. 2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Paints and Allied Products-Continued <br> Container and closure finishes <br> Machinery and equipment finishes, including road building and farm implement $\qquad$ <br> Metal furniture and fixture finishes $\qquad$ <br> High-solids finishes (over 62.5 percent solids) $\qquad$ <br> Other product finishes, except semi-manufactured (e.g. pigment dispersions, and ink vehicles) $\qquad$ | 286 | 2851-243 |  | 99.9 | 100.8 | 101.7 | 3.8 | 0.9 |
|  |  |  | 06/83 |  |  |  |  |  |
|  |  | 2851-247 | 06/83 | 117.6 | 120.1 | 119.9 | 6.8 | -. 2 |
|  |  | $2851-249$ $2851-254$ | 06/83 | 106.2 | 106.2 | 109.8 | ${ }^{(3)}$ | 3.4 |
|  |  | 2851-254 | 06/83 | 125.4 | 128.4 | 128.7 | 7.0 | . 2 |
|  |  | 2851-267 | 12/88 | 102.4 | 102.4 | 103.8 | $\left.{ }^{3}\right)$ | 1.4 |
| Special purpose coatings, including all marine coatings ........................ |  | 2851-3 | 06/83 | 114.4 | 118.2 | 118.3 | 6.5 | 1 |
| Industrial maintainance paints (specially formulated) ......... |  | 2851-3A | 06/83 | 119.6 | 120.9 | 121.3 | 8.3 | . 3 |
| Interior ........................................................................... |  | 2851-301 | 06/83 | 125.0 | 128.6 | 126.6 | 10.7 | -1.6 |
| Exterior .. |  | 2851-305 | 06/83 | 116.7 | 116.8 | 118.4 | 7.0 | 1.4 |
| Automotive and machinery refinish coatings ............. |  | 2851-3BA | 06/83 | 116.3 | 121.7 | 121.7 | 7.8 | 0 |
| Paints and enamels, except laquers ............ |  | 2851-314 | 06/83 | 111.3 | 118.7 | 118.7 | 8.1 | 0 |
| Primers and undercoaters ................. |  | 2851-316 | 06/83 | 133.8 | 137.5 | 137.5 | ${ }^{(3)}$ | 0 |
| Lacquers ............ |  | 2851-327 | 06/83 | 117.7 | 119.1 | 119.1 | $\left.{ }^{3}\right)$ | 0 |
| Marine paints and enamels (shelf goods and specially formulated, excluding spar varnish) $\qquad$ |  | 2851-315 | 12/88 | 100.2 | 108.0 | 108.0 | ${ }^{(3)}$ | 0 |
| Aerosol paints .......................................................................... |  | 2851-33 | 07/83 | 106.1 | 106.5 | 106.5 | - 2 | 0 |
| Other special purpose coatings |  | 2851-398 | 12/88 | 100.7 | 101.3 | 101.5 | ${ }^{(3)}$ | 2 |
| Miscellaneous allied paint products |  | 2851-5 | 12/88 | 104.7 | 106.8 | 109.6 | $\left({ }^{3}\right)$ | 2.6 |
| Thinners for dopes \& lacquers \& oleoresinous thinners, inc. mixtures \& proprietary thinners $\qquad$ |  | 2851-531 | 06/83 | 122.7 | 127.0 | 127.0 | 12.9 | 0 |
| Misc. related products, inc. brush cleaners, nonpressure wood preservatives, putty, etc. |  | 2851-598 | 12/88 | 102.6 | 103.2 | 107.6 | ${ }^{(3)}$ | 4.3 |
| Secondary products and miscellaneous receipts ............................. |  | 2851-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................... |  | 2851-M | 06/83 | 122.4 | 129.5 | 130.7 | 15.2 | . 9 |
| Resales |  | 2851-Z89 | 06/83 | 122.5 | 130.1 | 131.4 | 15.8 | 1.0 |
| Secondary products ........................................................................ |  | 2851-S | 06/83 | 131.3 | 133.4 | 133.4 | ${ }^{(3)}$ | 0 |
| Other secondary products .............................................................. |  | $\begin{aligned} & 2851- \\ & \text { SSSSS } \end{aligned}$ | 06/83 | 118.4 | (3) | ${ }^{(3)}$ | (3) | (3) |
| Adhesives and sealants ................................................................................ |  | 2891-S | 12/88 | 103.4 | 103.5 | 103.5 | ${ }^{(3)}$ | 0 |
| Industrial organic chemicals |  |  | 12/84 | 124.0 | 122.9 | 122.1 | 4.7 | -. 7 |
| Gum and wood chemicals | 2861 |  | 06/84 | 116.0 | 120.5 | 120.5 | 12.3 | 0 |
| Primary products ...... |  | 2861-P | 06/84 | 111.1 | 114.6 | 114.6 | 8.3 | 0 |
| Other gum and wood chemicals ...................... ......................................... |  | 2861-2 | 06/84 | 109.9 | 109.8 | 109.8 | 2.0 | 0 |
| Hardwood distillation products ............................................................................................... |  | 2861-25 | 06/84 | 115.1 | 114.7 | 114.7 | 3.1 | 0 |
| Charcoal, excluding briquets ........................................................ |  | 2861-252 | 06/84 | (3) | ${ }^{(3)}$ | 112.8 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ |
| Charcoal briquets, including blends with lignite or other materials |  | 2861-255 | 06/84 | 115.3 | 114.7 | 114.7 | 3.1 | 0 |
| Tall oils ..................................... |  | 2861-29 | 06/84 | 88.3 | 89.4 | 89.4 | -2.0 | 0 |
| Rosin. |  | 2861-296 | 06/84 | 93.8 | 89.2 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Other tall oil derivatives, including rosin acid salts, except tall oil fatty acids |  | 2861-298 | 06/84 | 84.8 |  |  |  | ${ }^{0}$ |
| Secondary products and miscellaneous receipts . ................................................................................ |  | 2861-SM | 06/84 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ |
| Secondary products .......................................................................... |  | 2861-S | 06/84 | 127.5 | 134.4 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Cyclic (coal tar) crudes and intermediates, organic dyes and pigments | 2865 |  | 12/82 | 112.8 | 112.8 | 114.3 | 6.5 | 1.3 |
| Primary products ............................................................................................................ |  | 2865-P | 12/82 | 121.4 | 121.3 | 122.0 | 7.4 | . 6 |
| Cyclic intermediates ......................................................................... |  | 2865-1 | 12/82 | 125.2 | 124.0 | 125.1 | 8.3 | . 9 |
| Other cyclic intermediates ..-............................................................ |  | 2865-199 | 12/82 | 129.8 | 129.6 | 130.1 | 9.4 | . 4 |
| Phenol ...................................................................................... |  | 2865-19915 | 03/83 | (3) | 174.0 | 174.0 | ${ }^{(3)}$ | 0 |
| Miscellaneous other cyclic intermediates ....................................... |  | 2865-19999 | 12/82 | 121.4 | 121.7 | 122.4 | 9.7 | . 6 |
| Synthetic organic dyes .................................................................... |  | 2865-2 |  |  |  |  |  |  |
| Synthetic organic dyes .................................................................... |  | 2865-299 | 12/82 | 127.5 | 128.5 | 129.8 | 5.8 | 1.0 |
| Synthetic organic pigments (lakes and toners) ..................................... |  | 2865-3 | 12/82 | 120.2 | 125.4 | 125.5 | 7.8 | . 1 |
| Phthalocyanine blue (Blue 15) ..................................................... |  | 2865-31111 | 12/82 | 122.3 | 133.0 | 133.0 | 10.5 | 0 |
| Other synthetic organic pigments ........................................................... |  | 2865-31199 | 12/82 | 119.7 | 123.7 | 123.7 | 7.1 | 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 2865-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 2865-M | 12/82 | 113.0 | 118.4 | 118.5 | 6.6 | . 1 |
| Resales ...................................................................................... |  | 2865-Z89 | 12/82 | 113.0 | 118.4 | 118.5 | 6.6 | . 1 |
| Secondary products ......................................................................... |  | 2865-S | 12/82 | 97.1 | 96.8 | 100.1 | 4.4 | 3.4 |
| Plastic materials and resins ........................................................... |  | 2821-S | 12/82 | 114.3 | 114.3 | ${ }^{3}$ ) | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Industrial organic chemicals, n.e.c. ..................................................... |  | 2869-S | 12/82 | 93.6 | 93.6 | 94.4 | 6.5 | . 9 |
| Industrial organic chemicals, n.e.c. .............................................................. | 2869 |  | 12/82 | 131.5 | 129.2 | 127.8 | 4.0 | -1.1 |
| Primary products ................................................................................ |  | 2869-P | 12/82 | 110.0 | 111.6 | 110.8 | 5.4 | -. 7 |
| Synthetic organic chemicals, n.e.c. ..................................................... |  | 2869-3 | 12/82 | 86.2 | 87.4 | 88.4 | 1.5 | 1.1 |
|  |  | 2869-311 | 12/82 | 94.4 | 91.6 | 91.3 | -6.6 | -. 3 |
| Chemical compounds, mixed |  | 2869-31112 | 12/82 | 109.5 | 111.4 | 111.4 | 4.0 | 0 |
| Rubber processing chemicals ......................................................... |  | 2869-331 | 12/82 | 113.6 | 115.7 | 115.7 | 6.4 | 0 |
| Plasticizers ................................................................................... |  | 2869-351 | 12/82 | 66.2 | 69.1 | 71.5 | 4.1 | 3.5 |
| Other plasticizers ....................................................................... |  | 2869-35199 | 12/82 | 65.7 | 68.5 | 71.0 | 4.1 | 3.6 |
| Ethyl alcohol and other industrial organic chemicals, n.e.c. .................... |  | $2869-5$ | 12/82 | 120.7 | 121.8 | 119.8 | 5.9 | -1.6 |
| Ethyl alcohol .............................................................................. |  | 2869-512 | 12/82 | 91.1 | 95.1 | 92.7 | 11.8 | -2.5 |
| Denatured (special or complete) ethyl alcohol ................................ |  | 2869-51212 | 12/82 | 109.5 | 114.0 | 109.6 | 14.6 | -3.9 |
| Other industrial organic chemicals, n.e.c. ......................................... |  | 2869-599 | 12/82 | 136.6 | 135.8 | 133.8 | 4.2 | -1.5 |
| Ethylene |  | 2869-59912 | 12/82 | 181.9 | 174.2 | 170.8 | 4.3 | -2.0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Propylene, chemical |  | 2869-59913 | 07/87 | 130.8 | 134.8 | 130.8 | 17.6 | -3.0 |
| Miscellaneous other industrial organic chemicals, n.e.c. ............. |  | 2869-59999 | 12/82 | 108.5 | 109.8 | 109.4 | 6.1 | -. 4 |
| Miscellaneous end-use chemicals and chemical products, excluding urea $\qquad$ |  | 2869-6 | 12/82 | 101.6 | 115.5 | 107.6 | -6.5 | -6.8 |
| Other miscellaneous end-use chemicals and chemical products, excluding urea |  | 2869-699 | 12/82 | 109.7 | 110.1 | 110.6 | -6.0 | . 5 |
| Miscellaneous cyclic and acyclic chemicals and chemical products ........ |  | 2869-7 | 12/82 | 114.0 | 113.8 | 114.1 | 7.7 | . 3 |
| Acetic acid .................................................................................... |  | 2869-721 | 06/87 | 174.0 | 174.1 | 176.1 | ${ }^{(3)}$ | 1.1 |
|  |  | 2869-722 | 07/87 | $\left.{ }^{3}\right)$ | 95.6 | 100.7 | -2.9 | 5.3 |
| Ethylene oxide .............................................................................. |  | 2869-736 | 12/82 | 296.5 | 296.5 | 299.0 | $\left({ }^{3}\right)$ | 8 |
| Formaldehyde .. |  | 2869-738 | 12/82 | 131.4 | 124.6 | 119.4 | -8.3 | -4.2 |
| Propylene glycol ........................................................................................... |  | 2869-747 | 12/82 | 106.2 | 106.8 | 106.8 | 7.2 | 0 |
| Alcohols, synthetic, monohydric |  | 2869-754 | 12/82 | 93.8 | 95.2 | 97.4 | 7.9 | 2.3 |
| Other miscellaneous cyclic and acyclic chemicals and chemical products |  | 2869-799 | 12/82 | 106.7 | 105.0 | 104.2 | 2.9 | -. 8 |
| Secondary products and miscellaneous receipts |  | 2869-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 2869-M | 12/82 | 195.1 | 175.6 | 164.1 | -7.7 | -6.5 |
| Resales ............................................................................................... |  | 2869-789 | 12/82 | 198.5 | 178.6 | 166.9 | -7.7 | -6.6 |
| Secondary products |  | 2869-S | 12/82 | 164.4 | 156.6 | 155.2 | 3.6 | -. 9 |
| Plastic materials and resins.. |  | 2821-S | 12/82 | 172.2 | 156.7 | 152.9 | -12.4 | -2.4 |
| Cyclic crudes and intermediates, organic dyes and pigments .............. |  | 2865-S | 12/82 | 139.7 | 121.7 | 116.9 | 6.2 | -3.9 |
| Other secondary products .............................................................. |  | 2869-SSS | 12/82 | 170.4 | 172.4 | 174.2 | 15.3 | 1.0 |
| Agricultural chemicals .. | 287 |  | 12/84 | 115.4 | 110.1 | 106.9 | . 8 | -2.9 |
| Nitrogenous fertilizers | 2873 |  | 12/79 | 136.4 | 124.7 | 113.8 | -2.6 | -8.7 |
| Primary products |  | 2873-P | 12/79 | 129.2 | 115.9 | 105.1 | -2.1 | -9.3 |
| Synthetic ammonia, nitric acid and ammonium compounds .................... |  | 2873-1 | 12/79 | 133.0 | 120.4 | 110.0 | . 4 | -8.6 |
| Nitrate ( $100 \%$ NH4NO3) ................................................................. |  | 2873-1A | 12/79 | 119.4 | 120.9 | 120.2 | 18.4 | -. 6 |
| Nitrate for fertilizer use ...................................................................... |  | 2873-15A | 12/80 | 102.5 | 104.7 | 104.6 | 17.1 | -. 1 |
| Solid nitrate |  | 2873-152 | 12/79 | 116.4 | 118.9 | 118.7 | 17.1 | -. 2 |
| Explosive nitrate and other uses |  | 2873-153 | 06/81 | 106.5 | 104.8 | 102.8 | 23.1 | -1.9 |
| Nitrogen solutions and other ammonium compounds |  | 2873-1B | 12/79 | 128.3 | 122.3 | 109.4 | -4.0 | -10.5 |
| Nitrogen solutions, including mixtures containing urea ( $100 \% \mathrm{~N}$ ) |  | 2873-155 | 12/79 | 135.3 | 131.0 | 114.9 | -1.3 | -12.3 |
| Anhydrous and aqua ammonia ................................................................ |  | 2873-13 | 12/79 | 145.0 | 119.2 | 103.9 | -5.5 | -12.8 |
| Anhydrous ammonia .................................................................... |  | 2873-131 | 12/79 | 145.0 | 119.2 | 103.9 | -5.5 | -12.8 |
| Urea ................................................................................................... |  | 2873-2 | 12/79 | 114.9 | 98.3 | 85.4 | -13.1 | -13.1 |
| Fertilizer material of organic origin ................................................................ |  | 2873-3 | 06/86 | 102.8 | 99.8 | 99.8 | -. 2 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 2873-SM |  |  |  |  |  |  |
| Secondary products .................................................................................... |  | 2873-S | 12/79 | 172.4 | 171.2 | 163.6 | -. 5 | -4.4 |
| Phosphatic fertilizers ................................................................................. | 2874 |  | 12/79 | 140.2 | 125.6 | 120.0 | -4.4 | -4.5 |
| Primary products .................................................................................. |  | 2874-P | 12/79 | 133.6 | 122.8 | 117.5 | -3.8 | -4.3 |
| Superphosphate and other phosphatic fertilizer materials ....................... |  | 2874-2 | 12/79 | 125.1 | 112.1 | 107.9 | -8.0 | -3.7 |
| Superphosphate ........................................................................... |  | 2874-2A | 12/79 | 126.9 | 114.8 | 106.5 | -12.7 | -7.2 |
| Triple superphosphates (42\% P2O5 and above) .............................. |  | 2874-241 | 12/79 | 125.2 | 113.2 | 105.0 | -12.7 | -7.2 |
| Ammonium phosphates and other phosphatic fertilizer materials ......... |  | 2874-28 | 12/79 | 124.5 | 111.3 | 108.4 | -6.4 | -2.6 |
| Ammonium phosphates |  | 2874-251 | 12/79 | 125.4 | 112.1 | 109.2 | -6.4 | -2.6 |
| Mixed fertilizers (produced from one or more materials made in the same plant) |  | 2874-4 | 12/79 | 141.2 | 129.3 | 121.1 | -9.6 | -6.3 |
| Fertilizers, mixing only ...................................................................................... | 2875 |  | 12/79 | 129.6 | 127.7 | 126.0 | . 9 | -1.3 |
| Primary products ................................................................................. |  | 2875-P | 12/79 | 127.1 | 126.3 | 126.0 | 3.4 | -. 2 |
| Mixed fertilizers (made by plants which do not manufacture phosphatic fertilizer materials) $\qquad$ |  | 2875-4 | 06/86 | 112.9 | 112.2 | 112.0 | 3.4 | -. 2 |
|  |  | 2875-411 | 06/86 | 113.5 | 112.7 | 111.7 | 3.5 | -. 9 |
| Solid, bagged .................................................................................. |  | 2875-421 | 06/86 | 113.6 | 113.3 | 113.5 | 3.9 | . 2 |
| Fluid .......................................................................................... |  | 2875-431 | 06/86 | 109.3 | 107.8 | 108.8 | 1.6 | 9 |
| Secondary products and miscellaneous receipts ...................................... |  | 2875-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2875-M | 12/79 | 135.3 | 129.9 | 126.1 | -6.1 | -2.9 |
| Resales ...................................................................................... |  | 2875-289 | 12/79 | 135.0 | 129.7 | 125.9 | -6.0 | -2.9 |
| Secondary products ............................................................................ |  | 2875-S | 12/79 | 150.0 | 144.1 | 124.9 | -10.2 | -13.3 |
| Agricultural chemicals, n.e.c. ............................................................................... | 2879 |  | 06/82 | 110.4 | 111.1 | 111.6 | 5.8 | 5 |
| Primary products ................................................................................ |  | 2879-P | 06/82 | 111.8 | 112.8 | 113.4 | 7.3 | . 5 |
| Insecticidal preparations primarily for agricultural, garden or health service use $\qquad$ |  | 2879-5 | 06/82 | 119.2 | 120.8 | 120.8 | 3.8 | 0 |
| Containing organic compounds ....................................................... |  | 2879-525 | 06/82 | 117.7 | 118.9 | 118.9 | 3.5 | 0 |
| Carbamate preparations |  | 2879-52531 | 06/82 | 122.9 | 123.1 | (3) | $\left({ }^{3}\right)$ | (3) |
| Organo-phosphate preparations .................................... |  | 2879-52541 | 06/82 | 121.5 | 123.4 | 123.4 | 4.0 | 0 |
| Biological preparations ................................................................ |  | 2879-52561 | 06/86 | 104.4 | 109.8 | 109.8 | 7.0 | 0 |
| Herbicidal praparations primarily for agricultural, garden or health service use $\qquad$ |  | 2879-6 | 06/82 | 108.7 | 109.7 | 110.8 | 11.7 | 1.0 |
| Containing organic compounds ...................................................... |  | 2879-625 | 06/82 | 110.2 | 111.2 | 112.4 | 11.8 |  |
| Phenoxy compound preparations .................................................. |  | 2879.62541 | 06/82 | 114.5 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{3}$ ) | ${ }^{3}$ ) |
| Urea preparations ....................................................................... |  | 2879-62561 | 10/82 | 108.3 | 111.4 | ${ }^{3}$ ) | ${ }^{(3)}$ | (3) |
| Triazine preparations ................................................................... |  | 2879-62565 | 06/82 | 123.7 | 125.9 | 125.9 | 18.5 | 0 |
| Other organic preparations ........................................................... |  | 2879-62579 | 06/82 | 93.1 | 94.5 | 94.6 | 6.3 | . 1 |

See footnotes at end of table

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\text {² }}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Agricultural chemicals, n.e.c.-Continued |  |  |  |  |  |  |  |  |
| Fungicidal preparations primarily for agricultural, garden or health service use $\qquad$ |  | 2879-7 | 06/82 | 97.8 | 97.4 | 97.7 | 4.5 | 0.3 |
| Containing organic compounds ....................................................... |  | 2879-725 | 06/82 | 103.4 | 103.9 | (3) | ${ }^{(3)}$ | (3) |
| Other pesticidal preparations primarily for agricultural, garden or health service use $\qquad$ |  | 2879-8 | 06/82 | 119.0 | 119.2 | 119.8 | -4.9 | . 5 |
| Rodenticides ................................................................................ |  | 2879-832 | 12/82 | 117.5 | 117.5 | 117.5 | 4.7 | 0 |
| All other pesticidal preparations primarily for agricultural, garden or health service use $\qquad$ |  | 2879-898 | 06/82 | 113.5 | 113.7 | 114.3 | -7.1 | . 5 |
| Household pesticidal preparations ............................................................................... |  | 2879-9 | 06/82 | 107.1 | 107.4 | 107.4 | 2.5 | 0 |
| Insecticides for crawling insects, except fumigants ............................................... |  | 2879-91 | 06/82 | 106.6 | 107.2 | 107.2 | 4.0 | 0 |
| Other househoid pesticidal preparations, including industria) exterminants $\qquad$ |  | 2879-998 | 06/82 | 109.5 | 109.3 | 109.3 | . 3 | 0 |
| Secondary products and miscellaneous receipts ..................... |  | 2879-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................ |  | 2879-M | 12/82 | 116.5 | 116.5 | 116.5 | -. 4 | 0 |
| Resales ........................................................................................ |  | 2879-Z89 | 12/82 | 117.3 | 117.3 | 117.3 | 0 | 0 |
| Secondary products .......................................................................... |  | 2879-S | 06/82 | 99.6 | 99.6 | 99.6 | 3.3 | 0 |
| Miscellaneous chemical products ................................................................ | 289 |  | 12/84 | 113.2 | 114.2 | 115.1 | 6.9 | . 8 |
| Adhesives and sealants | 2891 |  | 12/83 | 120.1 | 120.6 | 120.5 | 7.5 | -. 1 |
| Primary products ................................................................................ |  | 2891-P | 12/83 | 120.7 | 121.3 | 120.8 | 7.4 | -. 4 |
| Natural base glues and adhesives ...................................................... |  | 2891-3 | 12/83 | 120.2 | 120.4 | 120.9 | 5.2 | . 4 |
| Vegetable adhesives ...................................................................... |  | 2891-35 | 12/83 | 111.2 | 111.4 | 111.4 | 5.1 | 0 |
| Dextrines ................................................................................. |  | 2891-351 | 12/83 | 112.2 | 112.4 | 112.4 | 6.0 | 0 |
| Other natural base glues and adhesives, from natural gums, shellac, silicate, lacquers, etc. $\qquad$ |  | 2891-398 | 12/83 | 107.0 | 107.0 | 107.0 | 2.0 | 0 |
| Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives $\qquad$ |  | 2891-4 | 12/83 | 123.1 | 123.6 | 123.1 | 8.6 | -. 4 |
| Epoxy adhesives ........................................................................... |  | 2891-411 | 12/83 | 128.5 | 128.7 | 128.7 | 6.1 | 0 |
| Vinyl type adhesives ..................................................................... |  | 2891-44 | 12/83 | 117.2 | 121.1 | 121.0 | 9.7 | -. 1 |
| Polyvinyl acetate, latex type ........................................................ |  | 2891-441 | 12/83 | 125.7 | 131.2 | 131.2 | 12.7 | 0 |
| Acrylic adhesives .......................................................................... |  | 2891-453 | 12/83 | 109.3 | 110.0 | 110.0 | 5.5 | 0 |
| Polyester adhesives ........................................................................ |  | 2891-455 | 01/84 | 117.3 | 117.7 | 117.7 | 3.3 | 0 |
| Hot meit adhesives, including nylon, polyolefin, and other hot melts .... |  | 2891-465 | 12/83 | 117.9 | 119.5 | 119.7 | 5.3 | 2 |
| Rubber and synthetic resin combinations .......................................... |  | 2891-478 | 12/83 | 111.9 | 112.3 | 112.7 | 5.9 | 4 |
| Rubber cement, for sale as such ..................................................... |  | 2891-48 | 12/83 | 120.8 | 120.6 | 121.8 | 6.8 | 1.0 |
| Latex type ................................................................................................. |  | 2891-481 | 12/83 | 111.4 | 110.9 | 110.9 | 4.6 | 0 |
| Solvent type ............................................................................. |  | 2891-483 | 01/84 | 125.9 | 125.9 | 127.8 | 7.9 | 1.5 |
| Caulking compounds and sealants ..................................................... |  | $2891-5$ | 12/83 | 113.3 | 114.5 | 113.1 | 4.3 | -1.2 |
| Natural base ................................................................................ |  | 2891-55 | 12/83 | 122.2 | 124.5 | 123.6 | 3.3 | -. 7 |
| Synthetic base ............................................................................................ |  | 2891-56 | 12/83 | 112.6 | 113.8 | 112.4 | 4.5 | -1.2 |
| General performance sealants (PVAC, butyl, vinyl, acrylic, neoprene, etc.) $\qquad$ |  | 2891-566 | 12/83 | 105.4 | 106.2 | 107.7 | 8.7 | 1.4 |
| Special performance sealants (epoxy, urethane, polysulfide, silicone, etc.) $\qquad$ |  | 2891-567 | 12/83 | 118.5 | 119.7 | 117.5 | 3.4 | -1.8 |
| Secondary products and miscellaneous receipts ..................................... |  | 2891-SM |  |  |  |  |  |  |
| Secondary products ........................... |  | 2891-S |  |  |  |  |  |  |
| Other secondary products ............................................ |  | 2891-SSS | 12/83 | 114.4 | 115.7 | 115.7 | 5.8 | 0 |
| Chemicals and chemical preparations, n.e.c. ..................................... |  | 2899-S | 02/84 | 124.8 | 126.5 | 126.2 | 4.7 | -. 2 |
| Explosives | 2892 |  | 12/80 | 158.4 | 160.1 | 162.1 | 9.5 | 1.2 |
| Primary products |  | 2892-P | 12/80 | 142.3 | 143.9 | 143.2 | 6.6 | -. 5 |
| Explosives, propellants, and blasting accessories (not manufactured in GOCOs) $\qquad$ |  | 2892-1 | 12/80 | 143.2 | 144.9 | 144.1 | 6.6 | -. 6 |
| Industrial explosives .......................................................................... |  | 2892-11 | 12/80 | 135.9 | 137.9 | 136.8 | 12.4 | -. 8 |
| ANFO, except slurry ................................................................... |  | 2892-117 | 12/80 | 141.0 | 147.2 | 143.5 | ${ }^{(3)}$ | -2.5 |
| Water gel and slurries, except permissible slurries .......................... |  | 2892-118 | 06/88 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Noncap sensitive ................................................................... |  | 2892-121 | 06/88 | $\left({ }^{3}\right)$ | (3) | (3) | (3) | $\left({ }^{3}\right)$ |
| Other industrial explosives ........................................................... |  | 2892-127 | 06/88 | 102.9 | 102.9 | 102.9 | 2.9 | 0 |
| Propellants |  | 2892-133 |  |  |  |  |  |  |
| Propellants |  | 2892-136 | 06/88 | 100.4 | 102.2 | 102.2 | 2.2 | 0 |
| Blasting accessories ....................................................................... |  | 2892-15 | 12/80 | 136.8 | 136.8 | 136.8 | -1.9 | 0 |
| Other blasting accessories (squibs, ignitors, fuse, nonelectric blasting caps, n.e.c.) |  | 2892-155 | 06/88 | 88.4 | 88.4 | 88.4 | -11.6 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 2892-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 2892-M | 12/80 | 268.4 | 270.8 | 280.1 | 13.1 | 3.4 |
| Contract work and other miscellaneous receipts .................................. |  | 2892-XY9 | 06/88 | 110.6 | 111.8 | 116.3 | 14.5 | 4.0 |
| Contract work performed by government owned company operated establishments (GOCOs) $\qquad$ |  | 2892-Y66 | 06/88 | 110.6 | 111.8 | 116.3 | 14.5 5.4 | 4.0 0 |
| Resales ......................................................................................... |  | 2892-289 | 12/80 | 267.1 | 267.1 | 267.1 | 5.4 | 0 |
|  | 2893 |  | 06/84 | 112.1 | 114.1 | 117.1 | 5.0 | 2.6 |
| Primary products ................................................................................... |  | 2893-P | 06/84 | 111.6 | 113.8 | 116.9 | 5.3 | 2.7 |
| Lithographic and offset ink (black and color) ........................................ |  | 2893-2 | 06/84 | 107.1 | 107.6 | 115.6 | 9.8 | 7.4 |
| Publication ink .............................................................................. |  | 2893-232 | 06/84 | 103.0 | 103.6 | 103.6 | . 9 | 0 |
| Other lithographic and offset ink ..................................................... |  | 2893-239 | 06/84 | 113.1 | 113.9 | 113.9 | 1.6 | 0 |
| Flexographic ink ............................................................................... |  | 2893-4 | 06/84 | 107.6 | 109.9 | 110.7 | 2.4 | 7 |
| Packaging ink ............................................................................... |  | 2893-481 | 06/84 | 108.6 | 111.0 | 111.7 | 2.4 | 6 |
| Printing ink, n.e.c. ............................................................................. |  | 2893-5 | 06/84 | 114.2 | 120.1 | 120.1 | 6.3 | 0 |
| Other printing ink, including stencil ink ............................................. |  | 2893-598 | 06/84 | 106.1 | (3) | $\left.{ }^{3}\right)$ | (3) | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 19899^{2} \end{gathered}$ | July 1988 | June 1989 |
| Carbon black | 2895 | $\begin{aligned} & 2895-\mathrm{P} \\ & 2895-111 \\ & 2895-11101 \end{aligned}$ | 12/83 | 76.3 | 81.1 | 80.8 | 1.6 | -0.4 |
| Primary products |  |  | 12/83 | 76.3 | 81.1 | 80.8 | 1.6 | -. 4 |
| Carbon black ........................................................................................... |  |  |  |  |  |  |  |  |
| West south central region .............................................................. |  |  | 12/83 | 69.5 | 75.5 | 75.3 | 2.3 | -. 3 |
| Chemicals and chemical preparations, n.e.c. | 2899 |  | 06/85 | 111.0 | 111.5 | 112.2 | 7.1 | . 6 |
| Primary products .......................................................................... |  | 2899-P | 06/85 | 111.4 | 111.9 | 112.6 | 6.4 | . 6 |
| Salt, evaporated and solar ................................................................ |  | 2899-1 | 06/85 | 100.5 | 100.1 | 100.1 | 2.1 | 0 |
| Evaporated salt ..................................................................................... |  | 2899-121 | 06/85 | 99.8 | 99.4 | 99.4 | 1.8 | 0 |
| Essential oils, fireworks and pyrotechnics, sizes, and chemical preparations, n.e.c. $\qquad$ |  | 2899-5 | 06/85 | 114.5 | 115.2 | 116.1 | 7.3 | 8 |
| Essential oils, unblended (natural) ......................................................... |  | 2899-51 | 06/85 | 141.2 | 141.2 | 141.2 | 32.5 | 0 |
| Fireworks \& pyrotechnics, incl. flares, jet fuel igniters, railroad torpedoes, toy pistol caps $\qquad$ |  | 2899-529 | 06/85 | 111.2 | 111.3 | 111.2 | -2.7 | (3) |
| Automotive chemicals ......................................................................... |  | 2899-53 | 06/85 | 141.3 | ${ }^{(3)}$ | 139.7 | 5.6 |  |
| Other automotive chemicals, including battery acid, deicing fluid, carbon removing solvents $\qquad$ |  | 2899-537 | 06/85 | 102.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ |
| Drilling mud materials, mud thinners, thickeners, and purifiers .............. |  | 2899-541 | 06/85 | 116.9 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Oilltreating compounds (non-oil base) ........................................................ |  | 2899-556 | 06/85 | 112.2 | 116.9 | 116.9 | 11.5 | 0 |
| Metal-treating compounds (non-oil base) for nitriding, pickling, drawing, and cutting $\qquad$ |  | 2899-559 | 06/85 | 106.4 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Water-treating compounds ............................................................. |  | 2899-57 | 06/85 | 106.5 | 107.7 | 107.7 | 2.4 | 0 |
| Boiler compounds .......................................................... |  | 2899-577 | 06/85 | 111.8 | 113.1 | 113.1 | 3.5 | 0 |
| Plating compounds ...................................................................................... |  | 2899-591 | 06/85 | 128.1 | 129.0 | 129.0 | 6.1 | 0 |
| Other industrial chemical specialties, including fluxes and plastic wood preparations |  | 2899-598 | 06/85 | 106.3 | 108.0 | 108.5 | 7.7 | . 5 |
| Secondary products and miscellaneous receipts .......................................... |  | 2899-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................... |  | 2899-M | 06/85 | 136.3 | $\left.{ }^{3}\right)$ | 136.3 | 34.8 | $\left.{ }^{3}\right)$ |
| Secondary products |  | 2899-S | 06/85 | 104.5 | 104.9 | 105.9 | 3.9 | 1.0 |
| Soaps and other detergents, except specialty cleaners ................. |  | 2841-S | 06/85 | 99.2 | 101.1 | 101.7 | 11.1 | . 6 |
| Other secondary products .............................................................. |  | 2899-SSS | 06/85 | 104.4 | 104.8 | 104.6 | 3.4 | -. 2 |
| Petroleum refining and related products. | 29 |  | 12/84 | 71.5 | 80.4 | 77.6 | 12.1 | -3.5 |
| Petroleum Refining | 2911 |  | 06/85 | 69.4 | 78.6 | 75.6 | 12.8 | -3.8 |
| Primary products ....................................................................................... |  | 2911-P | 06/85 | 69.6 | 78.3 | 75.4 | 12.5 | -3.7 |
| Fuels .............................................................................................. |  | 2911-1 | 06/85 | 68.0 | 78.6 | 75.4 | 14.9 | -4.1 |
| Gasoline ................................................................................ |  | 2911-1 | 06/85 | 67.0 | 84.8 | 80.2 | 16.1 | -5.4 |
| Finished motor gasoline ............................................................. |  | 2911-13 | 06/85 | 67.0 | 84.8 | 80.2 | 16.1 | -5.4 |
| Leaded regular .................................................................... |  | 2911-132 | 06/85 | 69.3 | 89.2 | 85.4 | 18.1 | -4.3 |
| Sales to jobbers, retailers and other resellers ............................ |  | 2911-1321 | 06/85 | 69.2 | 89.0 | 85.2 | 18.2 | -4.3 |
| Direct sales to end users ....................................................... |  | 2911-1322 | 06/85 | 75.1 | 98.4 | 94.9 | 19.5 | -3.6 |
| Premium grades ....................................................................... |  | 2911-133 | 06/85 | 73.4 | 89.6 | 84.3 | 13.9 | -5.9 |
| Sales to jobbers, retailers and other resellers ........................... |  | 2911-1331 | 06/85 | 73.4 | 89.6 | 84.2 | 13.8 | -6.0 |
| Direct sales to end users ...................................................... |  | 2911-1332 | 06/85 | 75.5 | 91.2 | 89.5 | 17.0 | -1.9 |
| Unleaded regular ..................................................................... |  | 2911-134 | 06/85 | 64.0 | 82.0 | 77.5 | 16.5 | -5.5 |
| Sales to jobbers, retailers and other resellers ........................... |  | 2911-1341 | 06/85 | 63.9 | 81.9 | 77.4 | 16.6 | -5.5 |
| Direct sales to end users ...................................................... |  | 2911-1342 | 06/85 | 65.2 | 83.7 | 80.5 | 22.0 | -3.8 |
| Jet fuel ....................................................................................... |  | 2911-2 | 06/85 | 69.4 | 69.4 | 68.4 | 6.4 | -1.4 |
| Naphtha type jet fuel .................................................................. |  | 2911-211 | 06/85 | 58.8 | 67.3 | 65.6 | 2.3 | -2.5 |
| Kerosene type jet fuel ................................................................. |  | 2911-213 | 06/85 | 72.0 | 70.0 | 69.1 | 7.3 | -1.3 |
| Kerosene ........................................................................................ |  | 2911-3 | 06/85 | 67.0 | 63.0 | 64.2 | 15.5 | 1.9 |
| Light fuel oil .................................................................................. |  | 2911-4 | 06/85 | 72.6 | 67.6 | 66.8 | 12.5 | -1.2 |
| Distillates .................................................................................. |  | 2911-41 | 06/85 | 72.6 | 67.6 | 66.8 | 12.5 | -1.2 |
| \#2 fuel oil to jobbers, retailers and other resellers ....................... |  | 2911-411 | 06/85 | 73.4 | 67.1 | 67.3 | 12.4 | . 3 |
| \#2 diesel fuel ......................................................................... |  | 2911-413 | 06/85 | 72.2 | 67.7 | 66.2 | 12.0 | -2.2 |
| Sales to jobbers, retailers and other resellers ............................ |  | 2911-4131 | 06/85 | 71.8 | 67.1 | 65.9 | 11.7 | -1.8 |
| Direct sales to end users ...................................................... |  | 2911-4132 | 06/85 | 73.0 | 68.6 | 66.6 | 12.3 | -2.9 |
| Other distillates, n.e.c., including \#1, \#2 fuel direct sales, and other distillates $\qquad$ |  | 2911-415 | 06/85 | 69.7 | 70.4 | 69.1 | 16.9 | -1.8 |
| Heavy fuel oil (residual fuel) ............................................................................................................ |  | 2911-5 | 06/85 | 57.8 | 68.1 | 65.7 | 22.6 | -3.5 |
| > 1\% sulfur ................................................................................................... |  | 2911-51 | 06/85 | 51.5 | 65.4 | 62.7 | 21.0 | -4.1 |
| Sales to resellers, including other refiners ................................... |  | $2911-511$ | 06/85 | 53.9 | 69.1 | 66.8 | 31.5 | -3.3 |
| Direct sales to end users ......................................................... |  | $2911-512$ | 06/85 | 48.5 | 61.1 | 58.0 | 11.5 | -5.1 |
| Not $>$ 1\% suliur ......................................................................... |  | 2911-52 | 06/85 | 65.4 | 70.8 | 69.0 | 24.3 | -2.5 |
| Sales to resellers, including other refiners .................................. |  | 2911-521 | 06/85 | 63.4 | 58.6 | 57.1 | 17.0 | -2.6 |
| Non-fuel products of petroleum retining ............................................. |  | 2911-11 | 06/85 | 80.6 | 78.1 | 77.2 | . 5 | -1.2 |
| Lubricating oils and greases, made in refineries .............................. |  | 2911-7 |  |  |  |  |  |  |
| Lubricating and similar oils ....................................................... |  | 2911.721 | 06/85 | 91.3 | 96.9 | 96.4 | 1.0 | -. 5 |
| Asphalt, made in refineries ...................................................................... |  | 2911-9 |  |  |  |  |  |  |
| Paving grade ............................................................................... |  | 2911-921 | 06/85 | 58.2 | 56.7 | 58.6 | -15.1 | 3.4 |
| Liquified refinery gases, including aliphatics (feadstock and other uses), made in refineries $\qquad$ |  | 2911-A | 06/85 | 114.1 | 109.9 | 109.0 | -2.5 | -. 8 |
| Propane/propylene ................................................................... |  | 2911-A1 | 06/85 | 121.0 | 118.5 | 116.2 | -2.9 | -1.9 |
| Propylene ............................................................................ |  | 2911-A12 | 06/85 | 129.9 | 133.0 | 130.8 | 14.8 | -1.7 |
| Chemical grade .................................................................... |  | 2911-A1201 | 06/85 | 131.2 | 134.5 | 132.6 | 18.1 | -1.4 |
| Butane/butylene ..................................................................... |  | 2911-A2 |  |  |  |  |  |  |
| Ethane/ethylene .......................................................................... |  | 2911-A3 |  |  |  |  |  |  |
| Ethylene .............................................................................. |  | 2911-A32 | 06/85 | 217.6 | 207.5 | 199.3 | 1.1 | -4.0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Petroleum Refining-Continued <br> Miscellaneous petroleum refinery products, n.e.c. <br> Petroleum coke, made in refineris $\qquad$ <br> Aromatics, made in refineries $\qquad$ <br> Benzene $\qquad$ <br> Toluene $\qquad$ | 295 | $\begin{aligned} & \text { 2911-D } \\ & 2911-\mathrm{D} 21 \\ & 2911-\mathrm{D} 5 \\ & 2911-\mathrm{D} 52 \\ & \text { 2911-D53 } \end{aligned}$ |  |  | 86.3 | 81.7 | 4.9 | -5.3 |
|  |  |  | 06/85 | 98.8 |  |  |  |  |
|  |  |  | 06/85 | 54.9 | 36.4 | 43.8 | -12.0 | 20.3 |
|  |  |  | 06/85 | 108.0 | 93.8 | 85.2 | 12.1 | -9.2 |
|  |  |  | 06/85 | 107.6 | 80.2 | 68.7 | -7.8 | -14.3 |
|  |  |  | 06/85 | 95.7 | 82.7 | 73.7 | . 3 | -10.9 |
| Paving and roofing materials $\qquad$ <br> Paving mixtures and block $\qquad$ |  | 2911-D53 | 12/84 | 93.0 | 93.4 | 93.7 | -1.1 | . 3 |
|  | 2951 |  | 06/81 | 101.6 | 101.6 | 101.4 | -2.0 | -. 2 |
| Primary products ... |  | 2951-P | 06/81 | 102.6 | 102.4 | 102.1 | -2.0 | -. 3 |
| Emulsified asphalt, including liquid additives ..................................... |  | 2951-111 | 06/81 | 89.9 | 89.8 | 90.0 | -7.0 | 2 |
| Other liquid asphalt \& tar paving materials, including cut backs ........... |  | 2951-112 | 06/81 | 81.7 | 80.8 | 79.5 | -4.9 | -1.6 |
| Asphaltic (bituminous) concrete ........................................................... |  | 2951-113 | 06/81 | 109.2 | 109.0 | 108.6 | -1.1 | -. 4 |
| Other paving mixtures and blocks, including liquid additives ................... |  | 2951-114 | 06/81 | 78.2 | 78.2 | 78.2 | ${ }^{(3)}$ | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 2951-SM 2951-S |  | 113.4 | 116.6 | 117.2 | -2.7 | . 5 |
| Secondary products ................................................................................ |  | 2951-S | 06/81 |  |  |  |  |  |
| Asphalt felts and coatings | 2952 |  | 06/84 | 96.3 | 97.3 | 98.2 | . 3 | . 9 |
| Primary products ................................................................................. |  | 2952-P | 06/84 | 96.2 | 97.1 | 97.9 | -. 2 | 8 |
| Asphalt and tar saturated felts and boards, non-building $\qquad$ Asphalt and tar products; except felts, coatings, and cements; |  | 2952-1 | 06/84 | 113.0 | 113.0 | 113.0 | . 2 | 0 |
| non-building ........................................................................... |  | 2952-131 | 06/84 | 113.0 | 113.0 | 113.0 | . 2 | 0 |
| Roofing asphalts and pitches, coatings, and cements ........................... |  | 2952-2 | 06/84 | 87.4 | 88.3 | 89.0 | 1.9 | 8 |
| Fibrated asphaltic roofing coatings ................................................... |  | 2952-251 | 06/84 | 109.1 | 108.6 | 108.8 | 5.2 | 2 |
| Nonfibrated asphaltic roofing coatings ........................................ |  | 2952-255 | 06/84 | 100.8 | 100.2 | 99.9 | 1.8 | -. 3 |
| Asphaltic roofing cements ...................................................... |  | 2952-261 | 06/84 | 102.9 | 102.5 | 103.0 | 1.3 | . 5 |
| Other roofing asphalts and pitches, coatings, and cements ................. |  | 2952-298 | 06/84 | 89.7 | 90.6 | 90.9 | -1.2 | . 3 |
| Prepared asphalt and tar roofing and siding products .............................. |  | 2952-3 | 06/84 | 96.8 | 97.9 | 98.8 | -. 8 | . 9 |
| Smooth surface roll roofing including talc, mica, and other fine materials $\qquad$ |  | 2952-311 | 06/84 | 103.8 | ${ }^{(3)}$ | 106.8 | $-3.3$ | ${ }^{(3)}$ |
| Smooth asphalt roll roofing, organic base ....................................... |  | 2952-31101 | 06/84 | 103.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Self-sealing strip shingles; 244lbs. or less, organic base .................... |  | 2952-314 | 06/84 | 100.8 | 102.6 | 103.5 | -1.5 | . 9 |
| Self sealing and regular strip asphalt shingles, fiberglass base ............ |  | 2952-325 | 06/84 | 82.8 | 83.4 | 84.2 | 1.1 | 1.0 |
| Saturated felts for built-up roofing systems ........................................ |  | 2952-353 | 06/84 | 99.2 | 99.2 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts .......................................... |  | $\begin{aligned} & \text { 2952-SM } \\ & \text { 2952-S } \end{aligned}$ | 06/84 | 97.0 | 98.9 | 99.6 | 3.2 | . 7 |
| Secondary products .................................................................................... |  |  |  |  |  |  |  |  |
| Miscellaneous products of petroleum and coal .............................................. | 299 |  | $12 / 84$ | 110.1 | 113.6 | 116.7 | 10.6 | 2.7 |
| Lubricating oils and greases | 2992 |  | 12/80 | 124.7 | 127.4126.8 | 127.5 | $\begin{aligned} & 4.3 \\ & 3.8 \end{aligned}$ | . 1 |
| Primary products ... |  | 2992-P | 12/80 | 123.8 |  | 126.9 |  | . 1 |
| Lubricating and similar oils ................................................................ |  | 2992-1 | 12/80 | 125.9 | 128.6135.2 | 128.6 | 3.5 | 0 |
| Automotive .... |  | $\begin{aligned} & 2992-111 \\ & 2992-1111 \end{aligned}$ | 12/80 | 131.1 |  |  | 3.6 | -. 5 |
| Commercial |  |  | 12/80 | 140.0 | 145.9 | 146.1 | 7.1 | . 1 |
| Commercial motor oil |  | 2992-11111 | 12/80 | $\begin{aligned} & 107.4 \\ & 166.3 \end{aligned}$ | $\begin{aligned} & 112.2 \\ & 171.8 \end{aligned}$ | $\begin{aligned} & 112.2 \\ & 172.7 \end{aligned}$ | 6.88.0 |  |
| Other commercial oil ............................................................... |  | 2992-11112 | 12/80 |  |  |  |  | . 5 |
| Retail .......................... |  | $\begin{aligned} & 2992-1112 \\ & 2992-11121 \end{aligned}$ | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | 124.4 | 127.5 | 126.2 | . 8 | $\begin{aligned} & -1.0 \\ & -3.2 \end{aligned}$ |
| Retail motor oil. |  |  |  | 108.9 | 111.7 | 108.1 | $(3)^{3}$ |  |
| Factory fils ............... |  | $\begin{aligned} & 2992-1113 \\ & 2992-11132 \end{aligned}$ | 11/82 | 120.6 | 123.7 | $\begin{aligned} & 123.7 \\ & 108.8 \end{aligned}$ | 8.8 | -3.2 |
| Other factory fill oil ................................................................. |  |  | $\begin{aligned} & 06 / 88 \\ & 12 / 80 \end{aligned}$ | 106.1 | 108.8 |  | 8.8 | 0 |
| Industrial ...................................................................................... |  | $\begin{aligned} & 2992-121 \\ & 2992-12111 \end{aligned}$ |  | 111.8 | $\begin{aligned} & 112.3 \\ & 111.7 \end{aligned}$ | 113.3 | 3.4 | . 9 |
| General industrial oil |  |  | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | 111.0 |  | $\begin{aligned} & 113.0 \\ & 113.0 \end{aligned}$ | 2.7 | 1.20 |
| Industrial metalworking oil |  | $\begin{aligned} & \text { 2992-12111 } \\ & 2992-12113 \\ & 2992-12114 \end{aligned}$ | $\begin{aligned} & 12 / 80 \\ & 06 / 88 \end{aligned}$ | 111.2 | 113.0103.2 |  | 3.6 |  |
| Industrial engine oil ...................................................................... |  |  |  | 103.2 110.4 |  | 105.8 | 4.3 | 2.5 |
| Lubricating greases ............................................................................ |  | $\begin{aligned} & 2992-12114 \\ & 2992-2 \end{aligned}$ | $\begin{aligned} & 06 / 88 \\ & 12 / 80 \end{aligned}$ | 110.4 | 115.6 | 115.9 | 6.1 | . 3 |
| Automotive greases ........................................................................ |  | $\begin{aligned} & \text { 2992-231 } \\ & \text { 2992-232 } \end{aligned}$ |  | $\begin{aligned} & 100.4 \\ & 117.3 \end{aligned}$ | 103.7 | 104.5 | $\left.{ }^{3}\right)$ | . 8 |
| Industrial grease .............................................................................. |  |  |  |  | 123.9 | 123.8 | 7.5 | -. 1 |
| Other greases ................................................................................ |  | 2992-234 | $\begin{aligned} & 12 / 80 \\ & 06 / 88 \end{aligned}$ | $\begin{array}{r} 117.3 \\ 99.7 \end{array}$ | 101.8 | 101.8 | 1.8 | 0 |
| Secondary products and miscellaneous receipts |  | 2992-SM 2992-S | $12 / 80$ | 144.3 | 145.3 | 146.0 | 17.3 | . 5 |
| Secondary products ......................................................................... |  | 2992-S |  |  |  |  |  |  |
| Petroleum and coal products, n.e.c. ............................................................ | 2999 | $\begin{aligned} & \text { 2999-P } \\ & 2999-2 \end{aligned}$ | 12/84 | $\begin{aligned} & 106.8 \\ & 106.8 \\ & 112.7 \end{aligned}$ | 115.4 | 133.5 | 47.2 | 15.7 |
| Primary products ................................................................................ |  |  | 12/84 |  | 115.4 | 133.5 | 47.2 | 15.7 |
| Calcined petroleum coke (not made in refineries) .................................... |  |  | 12/84 |  | 122.2 | 142.3 | 55.3 | 16.4 |
| Rubber and miscellaneous plastic products ................................................... | 30 |  | 12/84 | 110.2 | 110.4 | 110.2 | 2.9 | -. 2 |
| Tires and inner tubes ............................................................................................ | 3011 |  | 06/81 | 102.8 | 103.6 | 102.8 | 2.8 | -. 8 |
| Primary products ................................................................................ |  | 3011-P | 06/81 | 98.6 | 99.4 | 98.6 | 2.4 | -. 8 |
| Passenger car pneumatic tires ........................................................... |  | 3011-1 | 06/81 | 94.9 | 95.9 | 95.9 | 2.2 | 0 |
| Radials ....................................................................................... |  | 3011-112 | 06/81 | 95.9 | 97.3 | 97.3 | 4.2 | 0 |
| Highway standard service ........................................................... |  | 3011 -1121 | 06/81 | 95.8 | 97.1 | 97.1 | 4.0 | 0 |
| 15 inch Rim diameter. Original equipment or replacement ............. |  | 3011-11213 | 06/81 | 96.2 | 99.3 | 99.3 | 5.8 | 0 |
| All season. Original equipment or replacement ............................... |  | 3011-11222 | 12/88 | 101.3 | 103.2 | 103.3 | ${ }^{(3)}$ | 1 |
| Truck/bus tires, including off highway ................................................. |  | 3011-2 | 06/81 | 98.4 | 99.2 | 96.3 | 2.6 | -2.9 |
| Radials ....................................................................................... |  | 3011-212 | 06/81 | 83.8 | 84.5 | 81.1 | ${ }^{(3)}$ | -4.0 |
| Light highway truck. Original equipment or replacement ................... |  | 3011-21211 | 06/81 | 94.1 | 94.7 | 88.1 | ${ }^{(3)}$ | -7.0 |
| Medium/heavy highway truck. Original equipment or replacement .... |  | 3011-21221 | 06/81 | 78.2 | 79.2 | 80.0 | ${ }^{(3)}$ | 1.0 |
| Non-radials .................................................................................... |  | 3011-215 | 06/81 | 99.7 | 100.3 | 100.3 | 5.2 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Sponge and foam rubber |  | 3069-3 | 06/83 | 125.6 | 125.6 | 125.6 | 4.7 | 0 |
| Chemically blown sponge ............................................................... |  | 3069-3B | 06/83 | 124.1 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{3}{ }^{3}$ | ${ }^{(3)}$ |
| Automotive, closed cell ............................................................... |  | 3069-377 | 06/83 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | (3) | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Rubber floor and wall coverings .......................................................... |  | 3069-4 | 06/83 | 105.5 | 106.8 | 106.8 | 2.2 | 0 |
| Individual mats ............................................................................... |  | 3069-4A | 06/83 | 105.7 | 105.7 | 105.7 | 1.2 | 0 |
| Automotive |  | 3069-423 | 12/83 | 106.2 | 106.2 | 106.2 | ${ }^{(3)}$ | 0 |
| Rubber druggist and medical sundries including household gloves ......... |  | 3069-7 | 06/83 | 112.9 | 115.1 | 113.3 | 4.7 | -1.6 |
| Gloves .................................................................................... |  | 3069-7A |  |  |  |  |  |  |
| Surgical ........................................................................................... |  | 3069-761 | 12/88 | 102.3 | 105.8 | 100.2 | $\left({ }^{3}\right)$ | -5.3 |
| Other rubber druggist and medical sundries ................................ |  | 3069-778 | 06/83 | 114.7 | 114.7 | 114.7 | 5.7 | 0 |
| Reclaimed rubber ......................................................................................... |  | 3069-8 | 06/83 | 92.3 | 93.3 | 82.2 | $\left({ }^{(3)}\right.$ | -11.9 |
| Ground vulcanized rubber |  | 3069-813 | 12/88 | 99.2 | 100.9 | 100.9 | ${ }^{3}$ ) | 0 |
| Compounds or mixtures for sale or interplant transfer ........................... |  | 3069-9 | 06/83 | 102.8 | 102.8 | 102.8 | ${ }^{(3)}$ | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3069-SM |  |  |  |  |  |  |
| Secondary products .................................................................... |  | 3069-S | 06/83 | 113.4 | 113.9 | 113.9 | 1.2 | 0 |
| Other secondary products .............................................................. |  | 3069-SSS | 06/83 | 109.8 | 110.3 | 110.3 | 1.0 | 0 |
| Miscellaneous plastic products ................................................................... | 3079 |  | 12/82 | 118.1 | 118.2 | 118.0 | 2.7 | -. 2 |
| Primary products ................................................................................. |  | 3079-P | 12/82 | 118.3 | 118.2 | 118.0 | 2.3 | -. 2 |
| Plastic film and sheet, unsupported ............................................ |  | 3079-2 | 12/82 | 117.7 | 115.2 | 115.3 | 0 | . 1 |
| Packaging .................................. |  | 3079-201 | 06/87 | 118.8 | 114.0 | 113.8 | -3.6 | -. 2 |
| Building and construction ............................................................. |  | 3079-202 | 06/87 | 108.4 | 109.0 | 108.9 | . 9 | -. 1 |
| Other ........................................................................................ |  | 3079-207 | 06/87 | 114.1 | 114.3 | 114.3 | 5.9 | 0 |
| Plastic piping .......................................................................... |  | 3079-4 | 12/82 | 118.5 | 116.2 | 115.5 | -6.6 | -. 6 |
| Water ......... |  | 3079-424 | 06/87 | 115.5 | ${ }^{(3)}$ | 111.7 | -6.2 | ${ }^{(3)}$ |
| Plastic bottles. |  | 3079-5 | 12/82 | 122.5 | 121.3 | 120.9 | 7.7 | -. 3 |
| Plastic foam products .................................................................... |  | 3079-7 | 06/87 | 104.1 | 104.5 | 104.2 | 0 | -. 3 |
| Transportation ............................................................................ |  | 3079-741 | 12/82 | 102.4 | 102.6 | ${ }^{(3)}$ | (3) | ${ }^{3}$ ) |
| Packaging ................................................................................... |  | $3079-742$ | 12/82 | 104.4 | 103.5 | 103.8 | -. 2 | . 3 |
| Building and construction ............................................................ |  | 3079-744 | 01/83 | 116.6 | 116.9 | 116.9 | 2.2 | 0 |
| Furniture and furnishings ............................................................ |  | 3079-745 | 12/82 | 113.6 | 113.6 | 113.6 | -. 8 | 0 |
| Consumer and institutional ......................................................... |  | 3079-746 | 12/82 | 107.2 | 109.4 | 107.6 | -2.2 | -1.6 |
| Molded plastic products, n. e. c ...................................................... |  | 3079-J | 06/87 | 111.5 | 112.1 | 112.1 | 3.8 | 0 |
| Injection molded .......................................................................... |  | 3079-J61 | 06/87 | 111.7 | 111.9 | 111.9 | 3.7 | 0 |
| Compression/transfer molded ....................................................... |  | 3079-J62 | 06/87 | 111.4 | 111.4 | 111.2 | 1.7 | -. 2 |
| Cast .......................................................................................... |  | 3079-J65 | 06/87 | 108.7 | 109.4 | 109.4 | 2.1 | 0 |
| Other ....................................................................................... |  | 3079-J66 | 06/87 | 115.2 | 118.9 | 118.9 | 6.1 | 0 |
| Miscellaneous nonmolded plastic products, n. e. ¢ ............................. |  | 3079-K | 06/87 | 111.7 | 112.8 | 112.4 | 3.7 | -. 4 |
| Unsupported rods, tubes, and other shapes ................................... |  | 3079-K81 | 12/82 | 132.2 | 136.6 | 134.7 | 7.2 | -1.4 |
| Plastic shoe products ................................................................. |  | 3079-K88 | 06/84 | 111.4 | 111.4 | 111.4 | 2.5 | 0 |
| Laminates |  | 3079-K91 | 12/82 | 116.9 | 117.4 | 117.7 | 5.5 | . 3 |
| Other laminates |  | 3079-K9102 | 06/87 | 121.9 | ${ }^{3}$ ) | 129.6 | 14.3 | ${ }^{(3)}$ |
| Electrical and electronic ............................................................. |  | 3079-K93 | 12/82 | 112.9 | 112.4 | 112.4 | -1.1 | 0 |
| Building and construction ............................................................ |  | 3079-K94 | 06/87 | 118.9 | 120.5 | 121.4 | 4.5 | . 7 |
| Other ......................................................................................... |  | 3079-K99 | 06/87 | 109.6 | 109.8 | 109.5 | 2.1 | -. 3 |
| Secondary products and miscellaneous receipts ........................................... |  | 3079-SM |  |  |  |  |  |  |
| Miscellaneous receipts .......................................................................... |  | 3079-M | 12/82 | 123.2 | 125.3 | 125.3 | 7.6 | 0 |
| Resales ....................................................................................... |  | 3079-Z89 | 12/82 | 125.9 | 128.8 | 128.8 | 7.9 | 0 |
| Secondary products ......................................................................... |  | 3079-S | 12/82 | 113.1 | 113.6 | 113.2 | 5.3 | -. 4 |
| Leather and leather products .................................................................................. | 31 |  | 12/84 | 117.0 | 117.2 | 117.8 | 3.4 | . 5 |
| Leather tanning and finishing .................................................................................... | 3111 |  | 06/81 | 160.9 | 158.2 | 161.4 | 1.4 | 2.0 |
| Primary products ................................................................................ |  | 3111-P | 06/81 | 160.9 | 157.9 | 161.0 | 1.3 | 2.0 |
| Finished cattle and kip leather ........................................................... |  | 3111-1 | 06/81 | 163.6 | 160.2 | 164.3 | 1.2 | 2.6 |
| Grains, except offal and welting leather ........................................... |  | 3111-1A | 06/81 | 165.5 | 161.8 | 166.4 | . 6 | 2.8 |
| Sole leather .............................................................................. |  | 3111-115 | 06/81 | 180.2 | 166.9 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Bag, case, and strap leather ................................................... |  | 3111-134 | 06/81 | ${ }^{(3)}$ | ${ }^{(3)}$ | 207.2 | ${ }^{(3)}$ | (3) |
| Upholstery leather ......................................................................... |  | 3111-135 | 06/81 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Upper leather, including patent ................................................................. |  | 3111-137 | 06/81 | 154.2 | 151.4 | 153.1 | -.7 | 1.1 |
| Dress and casual shoe, including all patent ................................ |  | $3111-13711$ $3111-13712$ | 06/81 | 153.2 | 151.6 | ${ }^{152.8}$ | -2.3 | (3) ${ }^{8}$ |
|  |  | $3111-13712$ $3111-142$ | $06 / 81$ $06 / 81$ | (3) | ${ }^{(3)}$ | $\stackrel{(3)}{157.1}$ | $\left({ }^{(3)}\right.$ | (3) |
| Garment leather <br> Other grains |  | +3111-142 | 06/81 | (3) | (3) | 202.7 | (3) | (3) |
| Finished splits ............................................................................... |  | 3111-1C | 06/81 | 144.5 | 144.5 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | (3) |
| Finished sheep and lamb leather ..................................................... |  | 3111-3 | 06/81 | 181.8 | 185.0 | 185.7 | -2.1 | . 4 |
| Garment leather ....................................................................... |  | 3111-331 | 06/81 | 177.3 | 180.4 | 181.5 | -1.8 | . 6 |
| Other finished leather, n.e.c. ............................................................. |  | $3111-4$ | 06/81 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | 118.1 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Rough, crust, and wet blue not finished in the same establishment ......... |  | $3111-5$ | 06/81 | 185.3 | 167.5 | 168.8 | 11.3 | (3) 8 |
| Rough, crust, and other semifinished leather ..................................... |  | 3111.513 | 06/81 | ${ }^{(3)} 7$ | ${ }^{(3)}$ | 155.6 | ${ }^{3}{ }^{3}$ | ${ }^{3}{ }^{\text {a }}$ |
| Peceipts for contract tanning done for others on their materials ............ |  | 3111-9 | 06/81 | 125.7 | 126.3 | 125.1 | . 7 | -1.0 |
| Boot and shoe cut stock and findings .......................................................... | 3131 |  | 12/84 | 115.7 | 116.3 | 116.0 | 2 | -. 3 |
| Primary products ............................................................................................ |  | 3131-P | 12/84 | 117.3 | 117.7 | 117.6 | . 5 | -. 1 |
| Outer soles and innersoles of leather .................................................. |  | 3131-116 | 12/84 | 122.3 | 120.4 | 119.5 | -3.2 | -. 7 |
| Other leather cut stock ........................................................................... |  | 3131-131 | 12/84 | 120.6 | 122.0 | 122.1 | 1.2 | . 1 |
| Non-leather stock and findings incl. heels .............................................. |  | 3131-191 | 12/84 | 113.3 | 114.0 | 114.0 | 1.7 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | $3131-$ SM |  |  |  |  |  |  |
| Secondary products ......................................................................................... |  | 3131-S | 12/84 | 102.7 | 104.4 | 102.8 | -1.2 | -1.5 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Footwear, except rubber | 314 |  | 12/84 | 116.5 | 116.6 | 117.2 | 4.3 | 0.5 |
| House slippers | 3142 | 3142-P | 06/85 | 125.1 | 124.9 | 124.9 | 3.5 | -. 6 |
| Primary products |  |  | 06/85 | 126.7 | 126.5 | 125.7 | 3.1 |  |
| House slippers, except slipper socks .................................................. |  | 3142-1 | 06/85 | 127.0 | 126.8 | 126.0 | 3.1 | -.6-2.3 |
| Leather house slippers ................................................................. |  | 3142-111 | 06/85 | 146.3 | 150.0 | 146.6 | 9.7 |  |
| Men's .................................................................................... |  | 3142 -11133 | 06/85 | 140.0 | ${ }^{(3)}$ | 140.4 | 10.3 | $\begin{aligned} & \left({ }^{3}\right) \\ & \left({ }^{3}\right) \end{aligned}$ |
| Women's .................................................................................. |  | 3142-11144 | 06/85 | 163.2 | $\left.{ }^{3}\right)$ | 163.2 | 8.8 |  |
| House slippers, except leather |  | 3142-122 | 06/85 | 118.0 | 115.9 | 116.3 | -. 5 | . 3 |
| Women's |  | 3142-12244 | 06/85 | 118.7 | 116.5 | 116.8 | -. 7 | . 3 |
| Men's footwear ......................................................................................... | 3143 |  | $12 / 80$$12 / 80$ | 133.6 | 133.2 | 133.4 | 4.3 | . 2 |
| Primary products |  | 3143-P |  | 134.0 | 134.0 | 134.0 | 4.5 | 0 |
| Men's leather upper footwear ........................................................... |  | 3143-1 | 12/80 | 135.7 | 135.7 | 135.7 | 4.4 | 0 |
| Men's leather upper dress and casual shoes ............................... |  | 3143-111 | 12/80 | 132.6 | 131.5 | 131.9 | 2.9 6.7 | . 3 |
| Men's leather upper boots .............................. |  | 3143-112 | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | 131.2 | 131.9 | 132.1 | 6.7 |  |
| Men's leather upper work shoes or boots ..................... |  | 3143-113 |  | 146.6 | 147.5 | 147.1 | 5.1 | -. 3 |
| Men's plastic upper footwear ............................................................. |  | $\begin{aligned} & 3143-2 \\ & 3143-217 \end{aligned}$ | 12/80 | 118.5 | 118.5 | 118.5 | $\left.{ }^{3}\right)$ | 0 |
| Men's plastic upper boots .............................................................. |  |  | 02/85 | 120.3 | 120.3 | 120.3 | $\left.{ }^{3}\right)$ | 0 |
| Men's other upper footwear ............................................................. |  |  | 03/81 | 120.9 | 120.9 | 120.9 | 3.1 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3143-SM |  |  |  |  |  |  |
| Resales ........................................................................................................................................................... |  | 3143-S | $11 / 83$ $12 / 80$ | 101.3 132.8 | 133.2 | 133.2 | 4.6 | 0 |
| Secondary products ......................................................................... |  |  | 12/80 | 132.8 |  |  |  |  |
| Women's footwear .... | 3144 |  | 12/80 | 112.1 | 112.3 | 113.4 | 3.1 | 1.0 |
|  |  | 3144-P | 12/80 | 110.3 | 110.5 | 111.6 | 2.9 | 1.0 |
| Women's leather upper footwear $\qquad$ <br> Women's leather upper dress shoes $\qquad$ |  | ${ }^{3144-111}$ | 12/80 | $\begin{aligned} & 114.4 \\ & 122.7 \end{aligned}$ | 114.4 | 114.5 | 2.5 .4 | . 1 |
| Women's leather upper casual shoes ..................................................... |  | 3144-112 | 12/80 |  | 123.2 | 125.0 | 5.3 | ${ }_{\text {(3) }} 1.5$ |
| Women's leather upper sandals ......................................... |  | $\begin{aligned} & 3144-113 \\ & 3144-114 \end{aligned}$ | $\begin{aligned} & 12 / 80 \\ & 12 / 80 \end{aligned}$ | 79.2 | ${ }^{(3)}$ | 81.3 | -2.8 |  |
| Women's leather upper boots ............... |  |  |  | 112.1 | 112.1 | 112.1 | -. 1 | 0 |
| Women's plastic upper footwear ......... |  | 3144-2 | 12/80 | 107.9 | 108.2 | 108.7 | 3.2 | 5 |
| Women's plastic upper dress shoes. |  | 3144-216 | $\begin{array}{\|l} 12 / 80 \\ 12 / 80 \end{array}$ | 106.7 | 106.6 | 106.6 | -. 2 | . 0 |
| Women's plastic upper casual shoes ........................... |  | 3144-217 |  | $\begin{aligned} & 114.4 \\ & 113.4 \end{aligned}$ | 114.4 | 115.4 | 6.1 | . 9 |
| Women's other upper footwear ...................................................... |  | 3144-3 | 12/80 <br> 12/80 <br> 12/80 |  | 113.5 | 116.3 | 3.9 | 2.5 |
| Women's other upper casual shoes ............................. |  | 3144-323 |  | 106.7 | 106.9 | 114.6 | 6.5 | 7.2 |
| Secondary products and miscellaneous receipts .......................................... |  | 3144-SM | $\begin{array}{\|l\|} 12 / 80 \\ 12 / 80 \end{array}$ |  |  |  |  |  |
| Resales .................................................................................................. |  | 3144-Z89 |  | $\begin{aligned} & 121.5 \\ & 147.1 \end{aligned}$ | $\begin{aligned} & 120.3 \\ & 147.7 \end{aligned}$ | $\begin{aligned} & 124.2 \\ & 149.2 \end{aligned}$ | $\begin{aligned} & 1.3 \\ & 7.8 \end{aligned}$ | $\begin{aligned} & 3.2 \\ & 1.0 \end{aligned}$ |
| Secondary products ........................................................................ |  | 3144.S |  |  |  |  |  |  |
| Footwear, except rubber, n.e.c. | 3149 |  | 12/79 | 132.7 | 134.1 | 135.0 | 7.1 | 7 |
| Primary products |  |  | 12/79 | 132.7 | 134.5 | 135.4 | 8.3 | . 7 |
| Youths' and boys' footwear ....... |  | $3149-1$ | 12/79 | 140.4 | 141.0 | ${ }^{(3)}$ | (3) | (3) |
| Youths' and boys' leather upper footwear ......................................... |  | 3149-112 | 12/79 | 136.5 | 140.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Misses' footwear ............................................................................... |  | 3149-2 | 12/79 | 111.5 | 117.5 | 117.3 | 5.2 | -. 2 |
| Misses' leather upper footwear .................................... |  | 3149-215 | 12/79 | 116.7 | 125.7 | 125.2 | 7.1 | -. 4 |
| Children's footwear .......................................................................... |  | 3149-3 | 12/79 | 134.4 | 139.4 | 140.6 | 7.7 | . 9 |
| Children's leather upper footwear ............ |  | 3149.318 | 12/79 | 139.6 | 143.5 | 144.9 | 8.3 | 1.0 |
| Children's nonleather upper footwear .................................................. |  | 3149-319 | 12/79 | 122.8 | 129.9 | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{3}$ ) |
| Infants' and babies' footwear ............................................................. |  | 3149-4 | 12/79 | 138.9 | 139.3 | 141.0 | 3.9 | 1.2 |
| Infants' and babies' leather upper footwear ...................................... |  | 3149-421 | 12/79 | 140.6 | 141.0 | 143.2 | 4.3 | 1.6 |
| Infants' and babies' nonleather upper footwear ................................. |  | 3149-422 | 05/80 | 132.5 | 132.5 | 132.5 | ${ }^{(3)}$ | 0 |
| Athletic footwear, except rubber ........................................................ |  | 3149-5 | 12/79 | 132.9 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ..................................... |  | 3149-SM |  |  |  |  |  |  |
| Resales ....................................................................................... |  | 3149-Z89 | 11/85 | 109.7 | ${ }^{3}$ ) | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Secondary products ........................................................................... |  | $3149-5$ | 12/79 | 135.3 | 135.1 | 136.7 | 3.6 | 1.2 |
| Men's footwear ............................................................................. |  | 3143-S | 12/80 | 112.2 | 111.0 | 114.6 | 9.0 | 3.2 |
| Women's footwear ......................................................................... |  | 3144-S | 12/80 | 130.5 | 131.0 | 131.0 | . 6 | 0 |
| Other secondary products .............................................................. |  | 3149-SSS | 12/79 | 201.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Leather gloves and mittens | 3151 |  | 06/85 | 111.4 | 111.3 | 111.9 | 3.2 | . 5 |
| Primary products .................................................................................. |  | 3151-P | 06/85 | 115.7 | 115.4 | 116.4 | 3.8 | . 9 |
| All leather dress and semidress gloves and mittens .............................. |  | 3151-2 | 06/85 | 117.3 | 117.3 | 117.3 | 5.0 | 0 |
| Block cut ...................................................................................... |  | 3151-211 | 06/85 | 111.7 | 111.7 | 111.7 | ${ }^{(3)}$ | 0 |
| Men's and boys' ........................................................................ |  | 3151-21114 | 06/85 | 111.7 | 111.7 | 111.7 | $\left.{ }^{3}\right)$ | 0 |
| Other than block cut ...................................................................... |  | 3151-213 | 06/85 | 128.1 | 128.2 | 128.2 | 6.5 | 0 |
| Men's and boys' ..................................................................................... |  | 3151-21317 | 06/85 | 128.1 | 128.2 | 128.2 | 6.1 | 0 |
| Women's and children's ............................................................... |  | 3151-21357 | 06/85 | 128.2 | 128.2 | 128.2 | 7.4 | 0 |
| All leather work gloves and mittens .................................................... |  | $3151-7$ | 06/85 | 115.3 | 114.9 | 116.2 | 3.5 | 1.1 |
| All grain, excluding welders ............................................................. |  | 3151-781 | 06/85 | 118.8 | 119.8 | 119.5 | 1.1 | $-.3$ |
| All split, excluding welders ............................................................ |  | $3151-783$ | 06/85 | 105.2 | 106.6 | 114.3 | 10.5 | 7.2 |
| Leather, except all grain and all split, including welders ..................... |  | $3151-789$ | 06/85 | 114.7 | 109.4 | 109.4 | 4.7 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3151-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3151-M |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 3151-S | 06/85 | 105.8 | 106.3 | 106.9 | 2.4 | . 6 |
| Luggage ............................................................................................................ | 3161 |  | 12/84 | 107.6 | 108.4 | 109.2 | 3.4 | . 7 |
| Primary products |  | 3161-P | 12/84 | 108.2 | 108.8 | 109.7 | 3.9 | . 8 |
| Hand luggage .................................................................................. |  | 3161-1 | 12/84 | 104.6 | 104.5 | 105.6 | 2.9 | 1.1 |
| Women's hand luggage, all types except zippered ............................. |  | 3161-112 |  |  |  |  |  |  |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Luggage-Continued <br> Men's hand luggage, all types except zippered | 317 |  |  | 127.2 | 127.2 | 128.1 | 3.0 | 0.7 |
|  |  | 3161-113 | 12/84 |  |  |  |  |  |
| Hard side .......................................... |  | 3161-11335 | 12/84 | 129.2 | 129.2 | 133.9 | 5.5 | 3.6 |
| Zippered hand luggage, men's and women's ............................... |  | 3161-114 | 12/84 | 118.5 | 118.5 | 119.9 | 4.3 | 1.2 |
| Luggage other than hand luggage ............................................... |  | 3161-2 | 12/84 | 115.9 | 118.0 | 118.2 | 5.5 | 2 |
| Occupational luggage cases, sample, binocular, and camera cases ..... |  | 3161-253 | 12/84 | 109.8 | 113.0 | 113.0 | 6.4 | 0 |
| Briefcases and bags, school bags, envelopes, catalog cases, and zippered ring binders |  | 3161-273 | 12/84 | 123.7 | 130.4 | 130.4 | 7.9 | 0 |
| Musical instrument cases ............................................................... |  | 3161-281 | 12/84 | 108.3 | 108.6 | 108.5 | 3.0 | . 1 |
| Attache cases |  | 3161-284 | 12/84 | 122.6 | 122.6 | 122.6 | 4.0 | 0 |
| Other luggage, including non-canvas knapsacks Secondary products and miscellaneous receipts |  | 3161-298 | 12/84 | 103.5 | 105.9 | 105.9 | 5.9 | 0 |
|  |  | 3161-SM |  |  |  |  |  |  |
| Miscellaneous receipts .............................................................................................. |  | 3161-M | 12/84 | 104.5 | 108.8 | 108.2 | -. 8 | -. 6 |
|  |  | 3161-289 | 12/84 | 104.9 | 108.7 | 108.1 | -2.9 | -. 6 |
| Secondary products ........................................................................... |  | 3161-S | 12/84 | 102.1 | 102.1 | 102.1 | 1.6 | 0 |
| Handbags and other personal leather goods ..................................... |  |  | 12/84 | 113.6 | 114.2 | 114.2 | 2.0 | 0 |
| Women's and children's handbags and purses <br> Primary products | 3171 |  | 06/82 | 122.8 | 122.9 | 122.9 | . 4 | 0 |
|  |  | 3171-P | 06/82 | 122.3 | 122.3 | 122.3 | . 3 | 0 |
|  |  | 3171-5 | 06/82 | 122.3 | 122.3 | 122.3 | . 3 | 0 |
|  |  | 3171-511 | 06/82 | 131.9 | 131.9 | 131.9 | 1.8 | 0 |
| All or chiefly plastic ......................................................................................................................... |  | 3171-551 | 06/82 | 118.3 | 118.3 | 118.3 | -. 8 | 0 |
| Other materials, except precious metals ............................................ |  | 3171-571 | 06/82 | 115.0 | 115.0 | 115.0 | 1.0 | 0 |
| Secondary products and miscellaneous receipts ...................................................................................................................Secondary products ....... |  | 3171-SM $3171-\mathrm{S}$ |  |  |  |  |  |  |
|  |  | 3171-S | 06/82 | 125.6 | ${ }^{(3)}$ | 126.1 | . 4 | (9) |
| Personal leather goods, except women's handbags and purses ...................... | 3172 |  | 06/82 | 122.3 | 123.2 | 123.5 | 4.6 | . 2 |
| Primary products ................................................................................................ |  | 3172-P | 06/82 | 123.1 | 123.8 | 124.1 | 4.5 | . 2 |
| Personal leather goods, except women's handbags and purses .............. |  | 3172-5 | 06/82 | 123.1 | 123.8 | 123.9 | 4.3 | . 1 |
| Billfolds, wallets, French purses and clutches ..................................... |  | 3172-5A | 06/82 | 126.4 | 127.4 | 127.6 | 8.2 | . 2 |
|  |  | 3172-511 | 06/82 | 122.2 | 123.2 | 123.5 | 7.1 | . 2 |
|  |  | 3172-51111 | 06/82 | 124.9 | 125.2 | 125.8 | 6.1 | . 5 |
| French purses ................................................................................................................................ |  | 3172-51122 | 06/82 | 117.0 | 117.9 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $(3)$ |
|  |  | 3172-51133 | 06/82 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | 124.5 | 12.0 | ${ }^{(3)}$ |
| Clutches |  | 3172-531 | 06/82 | 194.6 | 195.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other personal goods, leather |  | 3172-596 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Other personal goods, except leather ............................................. |  | 3172-597 | 06/82 | 116.7 | 116.7 | 116.8 | 1.5 | . 1 |
| Secondary products and miscellaneous receipts ............................................................................................................. |  | 3172-SM |  |  |  |  |  |  |
|  |  | 3172-S | 06/82 | 113.6 | 113.6 | 113.6 | 2.2 | 0 |
| Leather goods, n.e.c. ................................................................................. |  |  | 06/85 | 115.8 | 117.8 | 117.7 | 2.3 | -. 1 |
| Primary products ................................................................................. | 3199 | 3199-P | 06/85 | 113.1 | 115.3 | 115.2 | 2.6 | -. 1 |
| Saddlery and harness and accouterments ........................................... |  | 3199-131 | 06/85 | 112.5 | 112.7 | 112.5 | -1.6 | -. 2 |
| Industrial leather belting/industrial leather products Industrial leather products $\qquad$ |  | 3199-191 | 06/85 | 131.6 | 134.8 | 134.7 | 2.5 | -. 1 |
|  |  | 3199-19112 | 06/85 | 114.5 | 116.3 | 116.2 | 1.8 | -. 1 |
| Dog collars, leashes and other household pet accessories made of leather/leather-like material $\qquad$ |  | 3199-196 | 06/85 | 101.7 | 102.8 | 102.8 | . 6 | 0 |
| Other leather/leather-like goods ............................................................. |  | 3199-197 | 06/85 | 109.3 | 109.8 | 109.8 | 3.9 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3199-SM |  |  |  |  |  |  |
| Secondary products .................................................................................. |  | 3199-S | 06/85 | 109.9 | 109.9 | 109.9 | 3.5 | 0 |
| Stone, clay, glass, and concrete products .......................................................... | 32 |  | 12/84 | 107.2 | 108.2 | 108.4 | 2.7 | . 2 |
| Flat glass | 3211 |  | 12/80 | 113.4 | 114.7 | 114.5 | -. 5 | -. 2 |
| Primary products |  | 3211-P | 12/80 | 113.2 | 114.6 | 114.5 | -. 4 | -. 1 |
| Other flat glass, made from glass produced in the same establishment .. |  | 3211-4 | 12/80 | 106.2 | 105.7 | 108.3 | . 7 | 2.5 |
| Sheet(window), plate and float glass ................................................... |  | 3211-5 | 12/80 | 113.3 | 115.4 | 114.3 | -. 3 | -1.0 |
| Over . 244 inch ........................................................................................ |  | 3211-516 | 12/80 | 122.9 | 119.7 | 120.3 | -2.1 | . 5 |
| Glass and glassware, pressed or blown ...................................................... | 322 |  | 12/84 | 109.8 | 111.7 | 111.7 | 4.0 | 0 |
| Glass containers | 3221 |  | 06/82 | 112.2 | 114.7 | 114.7 | 3.7 | 0 |
| Primary products .................. |  | 3221-P | 06/82 | 112.6 | 115.0 | 115.0 | 3.7 | 0 |
| Glass containers for domestic consumption ........................................ |  | 3221-1 | 06/82 | 112.6 | 115.0 | 115.0 | 3.7 | 0 |
| Narrow neck containers ................................................................. |  | 3221-11 | 06/82 | 110.8 | 114.0 | 114.0 | 3.6 | 0 |
|  |  | 3221-111 | 06/82 | 107.0 | 109.1 | 109.1 | 6.0 | 0 |
| Non-alcoholic beverage <br> Non-refillable |  | 3221-115 | 06/82 | 107.6 | 110.7 | 110.7 | 2.3 | 0 |
|  |  | 3221-1155 | 06/82 | 108.1 | 111.2 | 111.2 | 2.3 | 0 |
| Beer. |  | 3221-116 | 06/82 | 113.2 | 118.5 | 118.5 | 4.7 | 0 |
| Non-refillable |  | 3221-1166 | 06/82 | 114.2 | 119.5 | 119.5 | 4.6 | 0 |
| Liquor ................... |  | 3221-117 | 06/82 | 114.1 | 112.9 | 112.9 | ${ }^{(3)}$ | 0 |
| Wine ....................................................................................................................................................... |  | 3221-119 | 06/82 | 113.5 | 118.0 | 118.0 | $\left.{ }^{3}\right)$ | 0 |
|  |  | 3221-13 |  |  |  |  |  |  |
| Wide mouth containers ......................................................................................................................................................... |  | 3221-131 | 06/82 | 119.0 | 119.0 | 119.0 | 4.1 | 0 |
| Pressed and blown glass, n.e.c. .................................................................. | 3229 |  | 06/83 | 117.8 | 118.8 | 118.8 | 4.2 | 0 |
| Primary products |  | 3229-P | 06/83 | 118.6 | 119.7 | 119.6 | 4.5 | -. 1 |
| Table, kitchen, art, and novelty glassware .....................................................Machine made table, kitchen, art, and novelty glassware .......... |  | 3229-1 | 06/83 | 119.8 | 119.8 | 119.9 | 3.4 | . 1 |
|  |  | 3229-12 | 06/83 | 118.5 | $\left({ }^{3}\right)$ | 118.6 | 3.1 | (3) |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\dagger}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Ceramic wall and floor tile-Continued |  |  |  |  |  |  |  |  |
| Ceramic mosaic ...................... |  | 3253-11 | 06/85 | 110.2 | 113.6 | 112.0 | 0.8 | -1.4 |
| Unglazed |  | 3253-112 | 06/85 | 110.2 | 113.6 | 112.0 | . 8 | -1.4 |
| Quarry tile . |  | 3253-12 | 06/85 | 106.4 | 108.6 | 106.7 | -1.7 | -1.7 |
| Unglazed |  | 3253-122 | 06/85 | 106.6 | 109.0 | 106.8 | -1.9 | -2.0 |
| Glazed wall tile ....................................................................... |  | 3253-131 | 06/85 | 113.0 | 112.8 | 115.0 | 2.8 | 2.0 |
| Other tile incl. paver, special purpose, decorative thin wall, etc. ....... |  | 3253-14 | 06/85 | 96.4 | ${ }^{3}$ ) | 96.4 | -9.7 | (3) |
| Glazed ....................................................................................... |  | 3253-141 | 06/85 | 96.2 | ${ }^{(3)}$ | 96.2 | -9.6 | (3) |
| Clay refractories | 3255 |  | 12/85 | 108.0 | 108.5 | 108.5 | 0 | 0 |
| Primary products ........................................................................... |  | 3255-P | 12/85 | 107.6 | 108.2 | 108.3 | 3.8 | 1 |
| Bricks and shapes |  | 3255-1 | 12/85 | 109.1 | 109.7 | 110.0 | 4.9 | 3 |
| Fireclay (including semisilica) brick and clay except superduty ............. |  | 3255-111 | 12/85 | 107.3 | 109.3 | 109.2 | 10.2 | -. 1 |
| High alumina inc. high alumina ladle brick, $50 \%$ alumina and over ....... |  | 3255-113 | 12/85 | 110.0 | 110.0 | 110.0 | 4.4 | 0 |
| Insulating firebrick and shapes ........................................................ |  | 3255-116 | 12/85 | 116.3 | 116.3 | 116.3 | 4.6 | 0 |
| 2300 degrees F to 2799 degrees F .............................................. |  | 3255-11612 | 12/85 | 119.5 | 119.5 | 119.5 | 5.8 | 0 |
| Clay kiln furniture, radiant heater elements, potters' supplies \& oth. misc. shaped items $\qquad$ |  | 3255-117 | 12/85 | 112.4 | 113.3 | 117.1 | 6.1 | 3.4 |
| Unshaped clay refractories ................................................................ |  | 3255-2 | 12/85 | 107.3 | 107.3 | 107.3 | 2.9 | 0 |
| Refractory bonding mortars, wet and dry, less than 50\% alumina ......... |  | 3255-211 | 12/85 | 102.6 | 102.6 | 102.6 | 2.6 | 0 |
| Plastic refractories and ramming mixes, less than $50 \%$ alumina $\qquad$ High alumina plastic refractories and rammimg mixes, $50 \%$ alumina |  | 3255-213 | 12/85 | 102.4 | 102.4 | 102.4 | . 7 | 0 |
| and over ........................................................................................ |  | 3255-214 | 12/85 | 112.9 | 112.9 | 112.9 | 4.0 | . 0 |
| Castable refractories (hydraulic setting) .............. |  | 3255-3 | 12/85 | 103.0 | 104.7 | 104.1 | 3.8 | -. 6 |
| Castable refractories, less than $50 \%$ alumina |  | 3255-311 | 12/85 | 100.8 | 100.8 | 100.8 | . 8 | 0 |
| High alumina castable refractories .................................................. |  | 3255-312 | 12/85 | 104.6 | 104.6 | 104.6 | 5.2 | 0 |
| Insulating castables (density up to 105 lbs ./cu.f.) and insulating gunning mixes |  | 3255-313 | 12/85 | 105.4 | 113.0 | 110.2 | 9.2 | -2.5 |
| Secondary products and miscellaneous receipts ................................. |  | 3255-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................. |  | 3255-M | 12/85 | 108.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Secondary products ................................................................................... |  | 3255-S | 12/85 | 110.5 | 110.5 | 110.5 | 4.0 | 0 |
| Structural clay products, n.e.c. ..................................................................... | 3259 |  | 12/85 | 109.3 | 109.3 | 109.3 | . 7 | 0 |
| Primary products ............................................................................... |  | 3259-P | 12/85 | 110.7 | 110.7 | 110.7 | 8 | 0 |
| Vitrified clay sewer pipe and fittings .................................................... |  | 3259.1 | 12/85 | 114.9 | 114.9 | 114.9 | 7 | 0 |
| Other structural clay products, n.e.c. ................ |  | 3259-2 | 12/85 | 101.5 | 101.5 | 101.5 | 1.3 | 0 |
| Other structural clay products incl. terra cotta, drain and flue tile, conduit and adobe |  | 3259-298 | 12/85 | 103.6 | 103.6 | 103.6 | 0 | 0 |
| Pottery and related products ....................................................................... | 326 |  | 12/84 | 112.5 | 113.0 | 113.1 | 3.5 | . 1 |
| Vitreous plumbing fixtures | 3261 |  | 06/85 | 109.3 | 109.8 | 109.7 | 3.1 | -. 1 |
| Primary products |  | 3261-P | 06/85 | 107.1 | 107.8 | 107.6 | 1.9 | -. 2 |
| Lavatories, china and earthenware ..... |  | 3261-111 | 06/85 | 107.1 | 109.7 | 108.0 | -. 2 | -1.5 |
| Water closet bowls ......................... |  | 3261-121 | 06/85 | 107.6 | 107.9 | 108.0 | 2.5 | . 1 |
| Siphon jet ................................................................................. |  | 3261-12101 | 06/85 | 109.6 | 110.0 | 110.2 | 3.3 | . 2 |
| Flush tanks ................................................................................................ |  | 3261-131 | 06/85 | 106.7 | 106.6 | 106.6 | 2.2 | 0 |
| Other china plumbing fixtures incl. other w.c. bowls, bidets, drinking fountains, sinks, etc. |  | 3261-151 | 06/85 | 105.3 | 105.9 | 105.9 | 3.5 | 0 |
| China and earthenware plumbing fixture accessories and fittings ............ |  | 3261-2 | 06/85 | 109.5 | 109.5 | 109.5 | 0 | 0 |
| China and earthenware plumbing fixture accessories and fittings .......... |  | 3261-211 | 06/85 | 109.5 | 109.5 | 109.5 | 0 | 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 3261-SM |  |  |  |  |  |  |
| Secondary products ..................................................................................... |  | 3261-S | 06/85 | 120.5 | 120.5 | 120.5 | 9.2 | 0 |
| Vitreous china food utensils ....................................................................... | 3262 |  | 12/83 | 123.0 | 123.6 | 123.6 | -. 7 | 0 |
| Primary products .................................................................................. |  | 3262-P | 12/83 | 122.3 | 122.8 | 122.8 | -1.8 | 0 |
| Vitreous china and porcelain table and kitchen utensils ............................. |  | 3262-1 |  |  |  |  |  |  |
| Tableware (for serving food and drink) ....................................................... |  | 3262-11 | 12/83 | 122.3 | 122.8 | 122.8 | -1.8 | 0 |
| Hotel or commercial tableware ................................................... |  | 3262-118 | 12/83 | 116.0 | 116.7 | 116.7 | -6.0 | 0 |
| Secondary products and miscellaneous receipts ............................................. |  | 3262-SM |  |  |  |  |  |  |
| Porcelain electrical supplies ....................................................................... | 3264 |  | 12/85 | 107.1 | 107.2 | 107.6 | 5.2 | 4 |
| Primary products .......... |  | 3264-P | 12/85 | 106.2 | 106.1 | 106.6 | 4.9 | . 5 |
| Porcelain, steatite and other ceramic electrical products ...................... |  | 3264-1 | 12/85 | 106.2 | 106.1 | 106.6 | 4.9 | . 5 |
| Switch and bus insulators, including cap and pin and post types ......... |  | 3264-116 | 12/85 | (3) | 104.8 | ${ }^{(3)}$ | $(3)^{3}$ | $\left({ }^{3}\right)$ |
| All other, including guy strain insulators and spools ............................ |  | 3264-117 | 12/85 | 101.7 | 103.6 | 103.5 | -1.0 | -. 1 |
| High-voltage porcelain (wet process) shipped as components for elect. equipment |  | 3264-118 | 12/85 | 105.6 | ${ }^{(3)}$ | 110.4 | 6.1 | $\left({ }^{3}\right)$ |
| Dry process electrical porcelain incl. parts for radio sets, spark plugs, cleats, etc. $\qquad$ |  | 3264-129 | 12/85 | 108.4 | ${ }^{(3)}$ | 108.4 | 7.1 | $\left(^{3}\right)$ |
| Steatite electrical products ............................................................. |  | 3264-141 | 12/85 | 102.6 | 103.4 | 103.4 | 1.3 | 0 |
| Beryllia, titanate, and other ceramic electrical products n.e.c. .............. |  | 3264-198 | 12/85 | 110.1 | 110.1 | 110.1 | 5.2 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 3264-SM |  |  |  |  |  |  |
| Secondary products ................................................................................. |  | 3264-S | 12/85 | 113.4 | 113.5 | 114.0 | 5.9 | 4 |
| Pottery products, n.e.c., including fine earthenware food utensils ..................... | 3268 |  | 12/83 | 117.4 | 118.2 | 118.2 | 4.7 | 0 |
| Primary products .................................... |  | 3268-P | 12/83 | 119.2 | 120.1 | 120.1 | 5.3 | 0 |
| Art, decorative and novelty pottery ......................................................... |  | 3268-1 | 12/83 | 121.1 | 121.1 | 121.1 | -. 2 | 0 |
| China and porcelain ....................................................................... |  | 3268-111 | 12/83 | 128.6 | 128.6 | 128.6 | -. 5 | 0 |
| Earthenware and stoneware .............................................................. |  | 3268-131 | 12/83 | 115.2 | 115.2 | 115.2 | . 1 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | $\begin{aligned} & \text { Index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Pottery products, n.e.c., including fine earthenware food utensils-Continued |  |  |  |  |  |  |  |  |
| Stoneware and fine earthenware food utensils, household and commercial |  | 3268-2 | 12/83 | 112.3 | 114.6 | 114.6 | 10.2 | 0 |
| Tableware ......................................................................................................................... |  | 3268-211 | 12/83 | 103.1 | 106.9 | 106.9 | 13.5 | 0 |
| Kitchenware ............................................................................ |  | 3268-212 | 12/83 | 127.4 | 127.4 | 127.4 | 6.0 | 0 |
| Other pottery products, n.e.c. |  | 3268-3 | 12/83 | 128.8 | 128.8 | 128.8 | 7.6 | 0 |
| All other pottery products, incl. chemical stoneware \& porcelain, <br> n.e.c. $\qquad$ |  | 3268-315 | 12/83 | 132.7 | 132.7 | 132.7 | 3.9 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3268-SM |  |  |  |  |  |  |
| Concrete, gypsum, and plaster products ....................................................... | 327 |  | 12/84 | 103.8 | 104.2 | 104.4 | 1.3 | . 2 |
| Concrete block and brick $\qquad$ Primary products | 3271 |  | 06/81 | 122.6 | 123.4 | 123.6 | 1.5 | . 2 |
|  |  | 3271-P | 06/81 | 125.6 | 126.5 | 126.7 | 1.6 | . 2 |
| Concrete block and concrete brick $\qquad$ Concrete block: light, medium, and normal (excluding decorative and paving) $\qquad$ |  | 3271-1 | 06/81 | 125.6 | 126.5 | 126.7 | 1.6 | . 2 |
|  |  | 3271.11 | 06/81 | 126.6 | 127.4 | 127.5 | 1.3 | .1 |
| concrete block and brick, except decorative and paving .................. |  | 3271-111 | 06/81 | 126.5 | 127.5 | 127.6 | 1.4 | . 1 |
| North Atlantic lightweight block .... |  | 3271-11101 | 12/87 | 102.6 | 102.9 | 102.8 | . 3 | -. 1 |
| North Central lightweight block .... |  | 3271-11102 | 12/87 | 102.0 | 103.6 | 103.3 | 2.2 | -. 3 |
| South Atlantic lightweight block .................................... |  | 3271-11103 | 12/87 | 101.0 | 101.7 | 101.4 | . 9 | -. 3 |
| South Central lightweight block .................................................. |  | 3271-11104 | 12/87 | 102.0 | 101.5 | 102.7 | 1.4 | 1.2 |
| Western lightweight block ......................................................... |  | 3271-11105 | 12/87 | 101.9 | 104.0 | 104.0 | 2.7 | 0 |
| Medium weight concrete block, from 105 lbs . but < $125 \mathrm{lbs} . / \mathrm{cf}$ dry weight $\qquad$ |  | 3271-115 | 06/81 | 129.7 | 129.7 | 129.8 | . 2 | . 1 |
| North Atlantic medium weight block ........................................... |  | 3271-11501 | 12/87 | 105.0 | 105.5 | 105.5 | . 5 | 0 |
| North Central medium weight block ........................................... |  | 3271-11502 | 12/87 | 101.2 | 101.2 | 101.6 | . 3 | . 4 |
| South Atlantic medium weight block ........................................... |  | 3271-11503 | 12/87 | 101.3 | 100.5 | 100.3 | -. 9 | -. 2 |
| Western medium weight block .............. |  | 3271-11505 | 12/87 | 101.7 | 101.8 | 101.8 | 1.4 | 0 |
| Normal weight concrete block, 125 lbs . or more/cf dry weight ......... |  | 3271-117 | 06/81 | 125.4 | 126.1 | 126.2 | 1.6 | . 1 |
| North Atlantic normal weight block ............................................ |  | 3271-11701 | 12/87 | 103.2 | 104.5 | 105.0 | 1.6 | 5 |
| North Central normal weight block ............................................ |  | 3271-11702 | 12/87 | 102.1 | 102.7 | 102.7 | 1.4 | 0 |
| South Atlantic normal weight block ............................................. |  | 3271-11703 | 12/87 | 105.3 | 105.5 | 105.5 | 3.3 | 0 |
| South Central normal weight block .............................................. |  | 3271-11704 | 12/87 | 101.7 | 102.3 | 102.3 | 1.3 | 0 |
| Western normal weight block .................................................... |  | 3271-11705 | 12/87 | 100.2 | 100.2 | 100.2 | . 3 | 0 |
| Decorative block (such as screen block, split block, slump block, shadowal block, etc.) $\qquad$ |  | 3271-121 | 06/81 | 117.5 | 117.8 | 119.2 | 2.8 | 1.2 |
| Concrete brick ................................................................................ |  | 3271-151 | 06/81 | 116.4 | 118.8 | 119.7 | 3.5 | . 8 |
| Paving blocks ............................................................................... |  | 3271-161 | 06/81 | 114.1 | 122.2 | 122.2 | 9.5 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3271-SM |  |  |  |  |  |  |
| Miscellaneous receipts ............................................................................. |  | 3271-M | 06/81 | 108.2 | 108.7 | 108.7 | . 7 | 0 |
| Contract work and other miscellaneous receipts .................................. |  | 3271-XY9 | 06/81 | 119.9 | 119.9 | 119.9 | 0 | 0 |
| Resales ....................................................................................... |  | 3271-Z89 | 06/81 | 107.6 | 108.1 | 108.1 | . 7 | 0 |
| Secondary products .......................................................................... |  | 3271-S | 06/81 | 131.5 | 132.1 | 132.0 | . 9 | -. 1 |
| Concrete products .................................................................................... | 3272 |  | 12/79, | 124.8 | 125.2 | 125.2 | 0 | 0 |
| Primary products ................................................................................ |  | 3272-P | 12/79 | 123.5 | 124.0 | 123.9 | -. 2 | -. 1 |
| Concrete pipe ................................................................................. |  | 3272-1 | 12/79 | 115.7 | 115.5 | 115.7 | -2.9 | . 2 |
| Culvert and storm sewer pipe .......................................................... |  | 3272-16 | 12/80 | 101.7 | 101.4 | 101.7 | -4.1 | . 3 |
| Reinforced ............................................................................ |  | 3272-161 | 12/79 | 110.4 | 110.1 | 110.3 | -4.4 | . 2 |
| Sanitary sewer pipe ....................................................................... |  | 3272-17 |  |  |  |  |  |  |
| Reinforced ................................................................................. |  | 3272-171 | 12/79 | 130.5 | 130.5 | 130.5 | -4.1 | , |
| Precast concrete products ................................................................ |  | 3272-2 | 12/79 | 135.8 | 137.0 | 136.9 | 1.3 | -. 1 |
| Slabs and tile .............................................................................. |  | 3272-213 | 07/85 | 114.9 | 115.8 | 115.8 | . 8 | 0 |
| Wall panels ............................................................................... |  | 3272-223 | 11/84 | 104.4 | 106.2 | 106.2 | 3.4 | 0 |
| Burial vaults and boxes ........................ |  | 3272-234 | 12/79 | 141.3 | 142.0 | 142.0 | 1.0 | 0 |
| Concrete septic tanks ............. |  | 3272-261 | 12/79 | 144.5 | 144.5 | 144.5 | 0 | 0 |
| Other precast concrete products |  | 3272-281 | 12/79 | 133.7 | 134.5 | 134.1 | . 1 | -. 3 |
| Prestressed concrete products, excluding pipe ...................................... |  | 3272-3 | 12/79 | 115.0 | 115.4 | 115.4 | 1.0 | 0 |
| Solid and hollow cored panels ............................................................. |  | 3272-331 | 12/79 | 132.8 | 133.7 | 133.7 | 4.3 | 0 |
| Dry mixed concrete materials ............................................................ |  | 3272-5 | 12/79 | 131.5 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts ............................................ |  | 3272-SM |  |  |  |  |  |  |
| Secondary products .................................................................................. |  | 3272-S | 12/79 | 154.7 | 156.5 | 156.5 | 2.8 | 0 |
| Ready-mixed concrete. | 3273 |  | 06/81 | 110.8 | 111.3 | 111.2 | 1.4 | -. 1 |
| Primary products .... |  | 3273-P | 06/81 | 109.8 | 110.3 | 110.2 | 1.3 | -. 1 |
| Ready-mixed concrete ..................................................................... |  | 3273-111 | 06/81 | 109.8 | 110.3 | 110.2 | 1.3 | -. 1 |
| Northeast region ready-mixed concrete ............................................ |  | 3273-111A | 12/87 | 102.0 | 102.4 | 102.1 | 1.2 | -. 3 |
| New England ready-mixed concrete |  | 3273-11101 | 12/87 | 102.1 | 103.0 | 102.3 | 1.7 | -. 7 |
| Mid Atlantic ready-mixed concrete |  | 3273-11102 | 12/87 | 101.9 | 102.0 | 102.0 | . 9 | 0 |
| North Central region ready-mixed concrete ......................................... |  | 3273-1118 | 12/87 | 102.3 | 101.3 | 101.1 | . 7 | -. 2 |
| East North Central ready-mixed concrete ...................................... |  | 3273-11103 | 12/87 | 103.2 | 102.5 | 102.1 | 1.1 | -. 4 |
| West North Central ready-mixed concrete ...................................... |  | 3273-11104 | 12/87 | 100.7 | 99.3 | 99.5 | . 1 | . 2 |
| Southern region ready-mixed concrete ................................................... |  | 3273-111C | 12/87 | 102.3 | 103.1 | 103.0 | 1.9 | -. 1 |
| South Atlantic ready-mixed concrete ............................................. |  | 3273-11105 | 12/87 | 104.5 | 105.9 | 106.1 | 3.2 | . 2 |
| West South Central ready-mixed concrete ...................................... |  | 3273-11106 | 12/87 | 100.7 | 100.9 | 100.6 | . 9 | -. 3 |
| East South Central ready-mixed concrete ....................................... |  | 3273-11107 | 12/87 | 101.0 | 101.6 | 101.6 | 1.4 | 0 |
| Western region ready-mixed concrete .............................................. |  | 3273-111D | 12/87 | 98.9 | 99.9 | 100.0 | 8 | . 1 |
| Mountain ready-mixed concrete .................................................... |  | 3273-11108 | 12/87 | 96.9 | 96.8 | 97.1 | -1.3 | . 3 |
| Pacific ready-mixed concrete ........................................................ |  | 3273-11109 | 12/87 | 100.1 | 101.8 | 101.6 | 1.9 | -. 2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


Table 5. Producer price indexes for the net output of selected industries and their products - Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Asbestos products ................................................................................ | 3292 | 3292-P | 12/85 | 104.7 | 104.9 | 102.7 | 1.8 | -2.1 |
| Primary products |  |  |  | 104.1 | 104.3 | 101.8 | 1.8 | -2.4 |
| Asbestos friction materials ...................................................... |  | 3292-2 | 12/85 | 102.1 | 102.1 | 101.5 | . 3 | -. 6 |
| Molded brake linings containing asbestos, including all nonwoven types $\qquad$ |  | 3292-215 | 12/85 | 103.3 | 103.3 | 103.3 | 1.1 | 0 |
| Asbestos disc brake pads .............................................................. |  | 3292-221 | 12/85 | 101.1 | 101.1 | 97.0 | -2.3 | -4.1 |
| Secondary products and miscellaneous receipts ................................ |  | 3292-SM |  | 109.7 | 109.7 | 109.0 | 1.4 | -. 6 |
| Secondary products ................................................................................ |  | 3292-S | 12/85 |  |  |  |  |  |
| Gaskets, packing, and sealing devices | 3293 |  | 12/85 | 108.0 | 108.4 | 108.2 | 2.9 | -. 2 |
| Primary products |  | 3293-P | 12/85 | 108.3 | 108.7 | 108.5 | 2.8 | -. 2 |
| Gaskets and gasketing materials .. |  | 3293-2 | 12/85 | 110.5 | 110.9 | 110.9 | 3.7 | 0 |
| Asbestos, compressed (all types of binders) ......... |  | $\begin{aligned} & 3293-213 \\ & 3293-221 \end{aligned}$ | 12/85 | 98.4 | 98.4 | 98.4 | 0 15 |  |
| Cork and cork rubber ................................................................ |  |  | 12/85 | 108.2 | 108.2 | 108.2 | 1.5 | 0 |
| Rubber (elastomeric) |  | 3293-231 | 12/85 | 111.1 | 111.9 | 111.8 | 6.9 | -.10 |
| Metallic ..................... |  | $\begin{aligned} & 3293-251 \\ & 3293-298 \end{aligned}$ | 12/85 | 123.4 | 123.9 | 123.9 | 4.7 |  |
| Other nonmetalic gaskets, including fluorocarbon gaskets and sheets |  |  | 12/85 | 101.0 | 101.0 | 101.1 | . 6 | . 1 |
| Packing and sealing devices ............................................................. |  | 3293-3 | 12/85 | 106.8 | 107.2 | 106.9 | 2.2 | -.30 |
| Packing and seals, rubber ... |  | 3293-311 | 12/85 | 105.7 | 106.0 | 106.0 | 1.4 |  |
| Oil and grease seals, radial lip type $\qquad$ Lip-type molded packing, single and multiple units (flange, cup, |  | 3293-31121 | 12/85 | 100.0 | ${ }^{(3)}$ | 100.0 | -. 2 | (3) |
| U-ring, V-ring, etc.) .............................................................. |  | 3293-31131 | 12/85 | 118.6 | 118.6 | 118.6 | 6.7 | 0 |
| All other molded packing and seals .............................................. |  | 3293-31139 | 12/85 | 107.2 | 107.2 | 107.2 | 1.2 | 0 |
| Plastics packing and seals, including o-rings ....................................... |  | 3293-341 | 12/85 | 100.5 | 100.5 | 95.9 | -4.1 | -4.6 |
| Packing, except leather, rubber, metal, and plastics ........................... |  | 3293-362 | 12/85 | 113.9 | 115.2 | 115.2 | 6.9 | 0 |
| Compression packing for sealing, moving and nonmoving parts ........ |  | 3293-36261 | 12/85 | 110.2 | (3) | 110.2 | 0 | $\left.{ }^{3}\right)$ |
| All other packing and seals .......................................................... |  | 3293-36269 | 12/85 | 115.8 | 117.7 | 117.7 | 10.4 | 0 |
| Axial mechanical seals ...................................................................... |  | 3293-371 | 12/85 | 105.3 | ${ }^{3}$ ) | ${ }^{(3)}$ | ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ...................................... |  | 3293-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................... |  | 3293-S | 12/85 | 103.8 | 107.9 | 107.9 | 3.8 | 0 |
| Secondary products ..................................................................................... |  |  |  |  | 104.3 | 104.0 | 1.5 | -. 3 |
| Minerals and earths ground or treated | 3295 |  | 06/85 | 109.1 | 109.3 | 109.6 | 4.7 | . 3 |
| Primary products ................................... |  | 3295-P | 06/85 | 111.3 | 111.6 | 111.9 | 5.3 | . 3 |
| Minerals and earths ground or treated |  | 3295-1 | 06/85 | 111.3 | 111.6 | 111.9 | 5.3 | . 3 |
| Lightweight aggregate, expanded clay, slag, perlite, haydite, pumice and diatomaceous earth $\qquad$ |  | $3295-111$$3295-131$ | 06/85 | 104.3 | 106.6 | 106.3 | 1.9 | -30 |
| Slag, including crushed and ground ............. |  |  | 06/85 | 104.0 | 103.6 | 103.6 | -.61.8 |  |
| Natural graphite, ground, refined or blended ....................................... |  | 3295-181 | 06/85 | 102.9 | 103.3 | 102.6 |  | -. 7 |
| Clay, including ground crude fire clay, high alumina clay, and silica fire clay $\qquad$ |  | 3295-184 | 06/85 | 112.2 | 112.4 | 112.4 | 4.0 | 0 |
| Other minerals and earths, ground or treated, incl. feldspar, roof granules and barite $\qquad$ |  | $\begin{aligned} & 3295-198 \\ & 3295-\mathrm{SM} \\ & 3295-\mathrm{S} \end{aligned}$ | 06/85 | 118.5 | 118.4 | 119.2 | 9.9 | . 7 |
| Secondary products and miscellaneous receipts ........................................... |  |  |  |  |  |  |  |  |
| Secondary products ........................................................................ |  |  | 06/85 | 101.4 | 101.4 | 101.4 | 0 | 0 |
| Mineral wool | 3296 |  | 12/81 | 106.2 | 107.6 | $\begin{aligned} & 108.8 \\ & 108.4 \end{aligned}$ | 3.2 | 1.1 |
| Primary products |  |  | 12/81 | 105.9 | 107.4 |  | 3.1 | . 9 |
| Mineral wool for structural insulation .... |  | $\begin{aligned} & 3296-P \\ & 3296-1 \end{aligned}$ | 12/81 | 91.7 | 93.5 |  | 3.3 | 1.0 |
| Loose fiber and granulated fiber ................................................ |  | 3296-111 $12 / 81$ 90.7 91.0 91.0 .4 0 <br> $3296-2$ $12 / 81$ 132.2 132.9 133.8 2.6 .7 |  |  |  |  |  |  |
| Mineral wool for industrial, equipment, and appliance insulation ............. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Blankets (flexible) including fabricated pieces, rolls, and batts .............. |  | $\begin{aligned} & 3296-235 \\ & 3296-23536 \\ & 3296-283 \end{aligned}$ | $\begin{aligned} & 12 / 81 \\ & 10 / 82 \\ & 04 / 82 \end{aligned}$ | $\begin{gathered} 145.3 \\ 143.8 \\ \left({ }^{3}\right) \end{gathered}$ | $\begin{gathered} 145.3 \\ \left({ }^{(3)}\right. \\ \left({ }^{( }\right) \end{gathered}$ | $\begin{gathered} 149.3 \\ 143.8 \\ \left({ }^{3}\right) \end{gathered}$ | $\begin{aligned} & 3.7 \\ & 3.5 \\ & \left.\mathbf{(}^{3}\right) \end{aligned}$ | $\begin{aligned} & 2.8 \\ & \left.{ }^{3}{ }^{3}\right) \\ & \left({ }^{3}\right) \end{aligned}$ |
| Faced and metal meshed ........................................................... |  |  |  |  |  |  |  |  |
| Acoustical, including pads, boards, patches, etc. ................................ |  |  |  |  |  |  |  |  |
| Other mineral wool for industrial, equipment, and appliance insulation |  | 3296-298 | 12/81 | 129.3 | 129.3 | 129.4 | 3.4 | . 1 |
| Nonclay refractories | 3297 |  | 12/85 | 108.5 | 108.8 | 108.7 | 5.7 | -. 1 |
| Primary products |  | 3297-P | 12/85 | 108.7 | 109.0 | 109.0 | 6.1 | 0 |
| Bricks and shapes ............................................................................ |  | 3297.1 | 12/85 | 107.8 | 108.1 | 108.1 | 5.7 | 0 |
| Magnesite and magnesite-chrome bricks and shapes .......................... |  | $3297-112$ $3297-11213$ | 12/85 | 104.2 | 104.2 | 104.2 | 2.9 | 0 |
| Other, including basic pouring pit refractories $\qquad$ Mullite bricks and shapes, made predominantly of fused or synthetic |  | 3297-11213 | 12/85 | 104.7 | 104.7 | 104.7 | 3.2 | 0 |
| mullite .................................................................................... |  | 3297-115 | 12/85 | 113.4 | 113.4 | 113.4 | 7.0 | 0 |
| Extra-high alumina bricks $\&$ shapes, made predominantly of fused and synthetic aluminas $\qquad$ |  | 3297-116 | 12/85 | 111.8 | 111.8 | 111.8 | 7.6 | 0 |
| All other bricks and shapes, including dolomite, dolomite-magnesite and carbon refractories |  | 3297-121 | 12/85 | 116.5 | 117.8 | 117.8 | 12.3 | 0 |
| Plastic refractories \& ramming mixes, wet \& dry, and castables of nonhydraulic setting type |  | $3297-4$ | 12/85 | 118.3 | 118.3 | 118.3 | 11.2 | 0 |
| Basic castables, plastics and ramming mixes (wet and dry types) ........ |  | 3297-411 | 12/85 | 116.1 | 116.1 | 116.1 | 10.2 | 0 |
| Gunning mixes, basic and other ............... |  | 3297-5 | 12/85 | 106.1 | 106.1 | 106.1 | 4.9 | 0 |
| Other nonclay refractory materials in lump or ground form .................. |  | 3297-6 | 12/85 | 106.3 | 106.8 | 106.8 | 5.1 | 0 |
| All other domestic shipments as refractory raw materials ................... |  | 3297-612 | 12/85 | 104.3 | 104.3 | 104.3 | 4.3 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 3297-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 3297-S | 12/85 | 106.9 | 107.6 | 106.9 | 3.6 | -. 7 |
| Nonmetalic mineral products, n.e.c. ................................................................... | 3299 |  | 12/85 | 106.7 | 106.1 | 106.4 | 5.3 | . 3 |
| Primary products ................................................................................ |  | 3299-P | 12/85 | 104.4 | 103.8 | 104.1 | 4.6 | . 3 |
| Statuary and art goods (factory made) ...................................................... |  | 3299-2 | 12/85 | 108.5 | 108.5 | 110.4 | 3.6 | 1.8 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Electrometallurgical products-Continued | 3315 | $\begin{aligned} & 3313-P \\ & 3313.3 \end{aligned}$ | $\begin{aligned} & 06 / 83 \\ & 06 / 83 \end{aligned}$ | 157.4 | 167.6 | 164.0 | 25.2 | $\begin{array}{r} -2.1 \\ -.8 \end{array}$ |
| Primary products ............................. |  |  |  |  |  |  |  |  |
| Ferrosilicon ....... |  |  |  | 147.7 | 143.9 | 142.8 | $\left({ }^{3}\right)$ |  |
| Other ferroalloys and products made in electric and other furnaces, except blast furnaces |  | 3313-4 | 06/83 | 180.3 | 203.1 | 195.4 | 43.4 | -3.8 |
|  |  | 3313-451 | 12/88 | 101.3 | 101.7 | 101.0 | (3) | -. 7 |
| Other ferroalloys ........................................................................... |  | 3313-469 | 12/88 | 108.3 | 121.7 | 119.6 | (3) | -1.7 |
| Other products made in electric and other furnaces, except blast furnaces |  | 3313-498 | 06/83 | 110.2 | 109.1 | 108.9 | -. 6 | -. 2 |
| Steel wire and related products - mfpm |  |  | 06/82 | 108.9 | 110.2 | 110.5 | 3.6 | . 3 |
| Primary products ..................... |  | 3315-P | 06/82 | 107.2 | 108.7 | 109.0 | 3.2 | 3 |
| Noninsulated ferrous wire rope, cable and strand |  | $3315 \cdot 1$ | 06/82 | 112.1 | 113.9 | 114.1 | 3.8 | 2 |
| Wire rope and cable ....................................... |  | 3315-111 | 06/82 | 114.7 | 116.3 | 116.5 | 3.1 | 2 |
| Steel nails and spikes ....................................................... |  | 3315-2 | 06/82 | 106.9 | 107.7 | 107.7 | 1.4 | 0 |
| Steel wire nails ............................................................................................ |  | 3315-2A | 06/82 | 107.6 | 109.3 | 109.3 | 4.0 | 0 |
| Bright nails |  | 3315-211 | 06/82 | 107.5 | 108.5 | 108.5 | 2.5 | 0 |
| Wire staples and tacks, cut nails and spikes ..................................... |  | 3315-2B | 06/82 | 106.4 | 106.6 | 106.6 | -. 4 | 0 |
| Steel wire staples ...................................................................... |  | 3315-223 | 06/82 | 105.9 | 106.2 | 106.2 | -. 4 | 0 |
| Steel wire ........................................................................................ |  | 3315-5 | 06/82 | 102.5 | 103.3 | 103.6 | 3.1 | . 3 |
| Carbon wire .................................................................................. |  | 3315-5A | 06/82 | 98.6 | 99.2 | 99.7 | 1.7 | . 5 |
| Plain wire, carbon |  | 3315-511 | 06/82 | 96.9 | 98.8 | 99.0 | . 9 | 2 |
| Other coated wire, carbon ................................. |  | 3315-519 | 06/82 | 103.7 | 101.7 | 103.0 | . 5 | 1.3 |
| Stainless wire ........................................................................... |  | 3315.551 | 06/82 | 136.7 | 139.8 | 138.8 | 14.0 | -. 7 |
| Other fabricated ferrous wire products ................................................. |  | 3315-9 | 06/82 | 105.3 | 108.5 | 109.1 | 3.5 | . 6 |
| Welded steel wire fabric ............................................................... |  | 3315-96 | 06/82 | 98.8 | 104.5 | 106.0 | 1.2 | 1.4 |
| Welded steel wire fabric (concrete reinforcing mesh) ...................... |  | 3315-961 | 06/82 | 99.4 | 105.1 | 106.7 | . 9 | 1.5 |
| Other wire products .................................................................... |  | 3315-998 | 06/82 | 136.1 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Secondary products and miscellaneous receipts ........................................... |  | 3315-SM | 06/82 | 127.0 | 127.2 | 127.2 | 2.0 | 0 |
|  |  | 3315-S |  |  |  |  |  |  |
| Cold finishing of steel shapes - mfpm ........................................................ | 3316 |  | 06/82 | 118.4 | 119.3 | 118.0 | . 6 | -1.1 |
| Primary products ........................................................................................ |  | 3316-P | 06/82 | 118.8 | 119.6 | 118.2 | . 3 | -1.2 |
| Cold rolled sheets and strip ............................................................... |  | 3316-7 | 06/82 | 130.3 | 131.3 | 128.9 | -. 5 | -1.8 |
| Strip, c.r., carbon ........................................................................... |  | 3316-715 | 06/82 | 124.9 | 125.6 | 125.6 | . 2 | 0 |
| Cold finished bars ............................................................................ |  | 3316-8 | 06/82 | 101.1 | 101.1 | 101.1 | 2.1 | 0 |
| Bars, c.f., carbon ......................................................................... |  | $3316-811$ | 06/82 | 102.6 | 102.6 | 102.6 | 2.0 | 0 |
| Bars, c.f., alloy .......................................................................................... |  | 3316-831 | 06/82 | 92.0 | 92.0 | 92.0 | 3.6 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  | 3316 -SM |  |  |  |  |  |  |
| Steel pipe and tubes - mfpm | 3317 |  | 06/82 | 112.2 | 112.2 | 112.2 | 2.2 | 0 |
| Primary products |  | 3317-P | 06/82 | 111.4 | 111.3 | 111.3 | 2.4 | 0 |
| Steel pipe and tubes ........................................................................ |  | 3317.6 | 06/82 | 111.4 | 111.3 | 111.3 | 2.4 | 0 |
| Pipe and oil country tubular goods, carbon ......................................... |  | 3317-6A | 06/82 | 113.7 | 113.9 | 115.3 | 2.2 | 1.2 |
| Standard pipe, carbon ............................................................... |  | 3317-611 | 06/82 | 114.0 | 114.5 | 115.3 | 5.9 | . 7 |
| Line pipe, carbon ....................................................................... |  | $3317-612$ | 06/82 | 96.7 | 96.7 | 96.7 | -3.4 | 0 |
| Pressure tubing, carbon ................................................................. |  | 3317-6B | 06/82 | 112.0 | ${ }^{(3)}$ | 113.0 | . 8 | ${ }^{(3)}$ |
| Pressure tubing, seamless, carbon ............................................. |  | 3317.621 | 06/82 | 100.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Pressure tubing, welded, carbon ........................................................ |  | $3317-622$ | 06/82 | 123.0 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Mechanical tubing, carbon ............................................................... |  | 3317.6 C | 06/82 | 109.6 | 111.0 | 110.7 | 2.3 | -. 3 |
| Mechanical tubing, welded, carbon ............................................... |  | 3317-624 | 06/82 | 117.7 | 119.5 | 119.1 | 2.7 | -3 |
| Structural pipe and tubing, carbon ................................................. |  | 3317-627 | 06/82 | 122.6 | ${ }^{(3)}$ | 123.0 | . 3 | $\left({ }^{3}\right)$ |
| Pipe and tubing, alloy ................................................................ |  | 3317-6E | 06/82 | 105.3 | 103.2 | 103.8 | 7.5 | . 6 |
| Other pipe and tubing (including standard pipe), stainless ................ |  | 3317-669 | 06/82 | 155.7 | 156.6 | 152.4 | 7.8 | -2.7 |
| Secondary products and miscellaneous receipts ..................................... |  | ${ }^{3317-S M}$ |  | 114.6 | 114.6 | 113.8 | -2.1 |  |
| Secondary products ...................................................................................... |  | 3317-S | 06/82 |  |  |  |  | -. 7 |
| Iron and steel foundries ............................................................................. | 332 |  | 12/84 | 107.6 | 108.3 | 108.7 | 3.2 | . 4 |
| Gray iron foundries ................................................................................... | 3321 |  | 12/80 | 120.2 | 120.6 | 121.3 | 2.4 | . 6 |
| Primary products ................................................................................ |  | 3321-P | 12/80 | 119.5 | 119.9 | 120.4 | 2.3 | . 4 |
| Cast iron pressure and soil pipe and fittings ........................................ |  | $3321-1$ | 12/80 | 131.0 | 131.0 | 131.4 | 4.2 | . 3 |
| Pressure pipe and fittings, ductile iron .............................................. |  | 3321-111 | 12/80 | 111.8 | 111.8 | 111.8 | 0 | 0 |
| Pressure pipe, ductile iron ........................................................... |  | 3321-11101 | 06/86 | 105.4 | 105.4 | 105.4 | 0 | 0 |
| Pressure pipe fittings, ductile iron ................................................. |  | 3321-11102 | 06/86 | 99.9 | 99.9 | 99.9 | 0 | 0 |
| Pressure pipe and fittings, gray iron ................................................ |  | 3321-121 | 12/80 | 125.2 | 125.2 | 125.2 | 4.2 | 0 |
| Pressure pipe fittings, gray iron ..................................................... |  | 3321-12102 | 06/86 | 109.1 | 109.1 | 109.1 | 4.2 | 0 |
| Soil pipe and fittings, gray iron ......................................................... |  | 3321-131 | 12/80 | 183.9 | 183.9 | 185.6 | 11.2 | . 9 |
| Soil pipe, gray iron ...................................................................... |  | 3321-13101 | 06/86 | 110.4 | 110.4 | 110.4 | 5.1 | 0 |
| Other ductile iron castings ................................................................. |  | 3321-2 | 06/86 | 99.6 | 100.0 | 100.5 | 2.3 | . 5 |
| Automotive uses .............................................................................. |  | 3321-222 | 06/86 | 100.5 | 101.1 | 102.0 | 2.2 | . 9 |
| Passenger cars ............................................................................. |  | 3321-22201 | 12/80 | 119.9 | 120.8 | 122.1 | 2.8 | 1.1 |
| All other automotive uses ............................................................ |  | 3321-22202 | 12/80 | 99.6 | 99.6 | 99.5 | -. 1 | -. 1 |
| Machinery uses ............................................................................. |  | 3321-233 | 06/86 | 102.4 | 102.2 | 102.4 | 3.4 | . 2 |
| All other uses ............................................................................. |  | 3321-239 | 06/86 | 99.2 | 99.2 | 99.2 | 2.1 | 0 |
| Other gray iron castings .................................................................... |  | 3321-4 | 06/86 | 102.8 | 103.3 | 103.7 | 1.9 | . 4 |
| Molds and stools for heavy steel ingots .......................................... |  | 3321-429 | 12/80 | 102.5 | 102.5 | 102.5 | - 3 | 0 |
| Automotive uses ............................................................................ |  | 3321-439 | 06/86 | 101.4 | 101.6 | 102.2 | 1.4 | . 6 |
| Passenger cars ............................................................................. |  | 3321-43901 | 12/80 | 115.0 | 115.1 | 115.8 | 1.0 | . 6 |
| All other automotive uses ........................................................... |  | 3321-43902 | 12/80 | 122.2 | 122.6 | 123.4 | 2.5 | . 7 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Gray iron foundries-Continued <br> Construction and utility uses $\qquad$ <br> All other uses $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ | 3322 | $\begin{aligned} & 3321-449 \\ & 3321-498 \\ & 3321-S M \\ & 3321-\mathrm{S} \end{aligned}$ | $\begin{aligned} & 06 / 86 \\ & 06 / 86 \end{aligned}$ | $\begin{aligned} & 103.2 \\ & 107.0 \end{aligned}$ | $\begin{aligned} & 104.3 \\ & 107.9 \end{aligned}$ | $\begin{aligned} & 104.4 \\ & 108.2 \end{aligned}$ | 0.53.6 | 0.1.3 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 12/80 | 122.0 | 122.0 | 123.5 | 5.2 | 1.2 |
|  |  |  |  |  |  |  |  |  |
| Malleable iron foundries |  |  | 06/81 | 110.0 | 110.0 | 109.3 | . 6 | -. 6 |
| Primary products.. |  | 3322-P | 06/81 | 109.6 | 109.6 | 108.8 | -. 3 | -. 7 |
| Standard malleable iron castings .................................................. |  | 3322-131 | 06/81 | 117.3 | 117.3 | 115.6 | 2.2 | -1.4 |
|  |  | 3322-SM $3322-S$ | 06/81 | 112.2 | 112.2 | 112.2 | 5.5 | 0 |
| Secondary products |  | 3322-S |  |  |  |  |  |  |
| Steel investment foundries | 3324 |  | 06/81 | 154.5 | 158.7 | 157.3 | 2.8 | -. 9 |
| Primary products ................................................................................. |  | 3324-P | 06/81 | 152.7 | 156.6 | 155.1 | 2.6 | -1.0 |
| Carbon and low alloy steel investment castings ................................... |  | 3324-163 | 06/81 | 141.2 | 141.2 | 141.2 | -3.0 | 0 |
| High alloy steel investment castings, including stainless steel ................. |  | 3324-165 | 06/81 | 155.3 | 160.1 | 158.3 | 3.9 | -1.1 |
| Secondary products and miscellaneous receipts ........................................... |  | ${ }^{3324-S M}$ |  |  | 190.3 | 189.8 | 4.4 | -. 3 |
| Secondary products ..................................................................................... |  | 3324-S | 06/81 | 182.1 |  |  |  |  |
| Steel foundries, n.e.c. | 3325 |  | 06/81 | 116.1 | 116.7 | 117.0 | 5.9 | . 3 |
| Primary products ................................................................................ |  | 3325-P | 06/81 | 118.2 | 118.9 | 119.3 | 6.7 | . 3 |
| Carbon steel castings, except investment |  | 3325-2 | 06/81 | 113.9 | 114.0 | 114.1 | 6.5 | 1 |
| Railroad wheels and specialties |  | 3325-214 | 06/81 | 106.5 | 106.7 | 107.7 | 11.6 | . 9 |
| All other carbon steel castings, including rolls for rolling mills ............. |  | 3325-219 | 06/81 | 118.0 | 118.0 | 117.6 | 4.1 | -. 3 |
| High alloy steel castings ............................................................................. |  | 3325-4 | 06/81 | 129.5 | 129.8 | 130.0 | 6.3 | . 2 |
| High alloy steel castings, including high manganese and stainless steal $\qquad$ |  | 3325-431 | 06/81 | 130.5 | 130.8 | 130.9 | 6.3 | . 1 |
| Low alloy steel castings ..................................................................... |  | 3325-5 | 06/81 | 121.5 | 123.8 | 125.0 | 7.3 | 1.0 |
| Railway specialties and rolls for rolling mills ....................................... |  | 3325-551 | 06/81 | 119.2 | 124.6 | 126.3 | 6.7 | 1.4 |
| All other low alloy steel castings ..................................................... |  | 3325-559 | 06/81 | 120.8 | 121.8 | 122.7 | 7.5 | . 7 |
| Secondary products and miscellaneous receipts ...................................... |  | 3325-S | 06/81 | 99.9 | 99.9 | 99.9 | -2.6 |  |
| Secondary products .................................................................................. |  |  | 12/80 |  |  |  |  | 0 |
| Primary smelting and refining of nonferrous metals ......................................... | 333 |  |  | 145.4 | 132.6 | 130.6 | 4.1 | -1.5 |
| Primary copper ......................................................................................... | 3331 |  | 06/80 | 175.4 | 144.7 | 142.1 | 10.3 | -1.8 |
| Primary products ................................................................................ |  | 3331-P | 06/80 | 172.5 | 146.1 | 134.6 | 2.5 | -7.9 |
| Smelted copper |  | 3331-1 |  |  |  |  |  |  |
| Refined copper .................................................................................... |  | 3331-2 | 06/80 | 171.4 | 135.4 | 127.2 | 9.5 | -6.1 |
| Copper cathode ............................................................................ |  | 3331-217 | 06/80 | 174.9 | 139.1 | 130.3 | 11.7 | -6.3 |
| Other refined copper ....................................................................... |  | 3331-226 | 12/87 | 110.1 | 85.5 | 80.9 | 3.9 | -5.4 |
| Primary aluminum . | 3334 |  | 06/80 | 166.4 | 152.0 | 149.4 | -3.1 | -1.7 |
| Primary products ................................................................................ |  | 3334-P | 06/80 | 170.4 | 155.8 | 153.3 | -2.7 | -1.6-1.6 |
| Primary aluminum, except extrusion billet ............................................. |  | $\begin{aligned} & 3334-7 \\ & 3334-71111 \\ & 3334-71113 \\ & 3334-8 \end{aligned}$ | $\begin{aligned} & 06 / 80 \\ & 06 / 80 \\ & 06 / 80 \\ & 06 / 80 \end{aligned}$ | $\begin{aligned} & 167.9 \\ & 175.2 \\ & 116.9 \end{aligned}$$\left(^{3}\right)$ | $\begin{aligned} & 154.3 \\ & 161.6 \\ & 118.2 \\ & 162.8 \end{aligned}$ | $\begin{gathered} 151.9 \\ 156.7 \\ \left(^{3}\right) \\ \left({ }^{3}\right) \end{gathered}$ | $\begin{aligned} & -1.9 \\ & -2.5 \\ & \left(^{3}\right) \\ & \left(^{3}\right) \end{aligned}$ |  |
| Aluminum ingot, unalloyed .......................................................... |  |  |  |  |  |  |  | $\begin{gathered} -3.0 \\ \left({ }^{3}\right) \\ (3) \end{gathered}$ |
| Other primary aluminum, except extrusion billet ............................. |  |  |  |  |  |  |  |  |
| Aluminum extrusion billet .................................................................. |  |  |  |  |  |  |  |  |
| Primary nonferrous metals, n.e.c. .................................................................... | 3339 |   <br> $3339-P$ $06 / 80$ <br> $06 / 80$  <br> 0  |  | 117.2125.2 | $\begin{aligned} & 119.7 \\ & 126.9 \end{aligned}$ | 118.1 | 11.2 | -1.3 |
| Primary products .................................................................................. |  |  |  | 126.0 |  | 8.25.7 | $\begin{array}{r} -.7 \\ -.2 \\ -1.9 \end{array}$ |  |
| Other nonferrous metals ...................................................................... |  | $\begin{aligned} & 3339-P \\ & 3339-7 \\ & 3339-791 \\ & 3339-S M \\ & 3339-S \end{aligned}$ | $\begin{aligned} & 06 / 80 \\ & 06 / 80 \end{aligned}$ |  | $\begin{aligned} & 125.2 \\ & 122.2 \\ & 113.6 \end{aligned}$ |  |  | $\begin{aligned} & 126.9 \\ & 123.9 \\ & 119.1 \end{aligned}$ |
| Other nonferrous metals, unalioyed ................................................... |  |  | 06/88 | 116.8 |  | 16.8 |  |  |
| Secondary products and miscellaneous receipts .......................................... |  |  |  |  | $113.6$ |  | 119.172.9 |  |
| Secondary products ........................................................................... |  |  | 06/80 | 68.7 | 70.6 | 22.1 |  | -3.2 |
| Secondary nonferrous metals ................................................................................ | 3341 |  | 06/80 | 108.0 | 100.7 | 99.4 | -2.6 | -1.3 |
| Primary products ................................................................................. |  | 3341-P | 06/80 | 107.9118.2 | 101.3104.3 | 99.6 | -1.0${ }^{(3)}$ | ${ }^{-1.7}$ |
| Copper ........................................................................................... |  | $3341-2$$3341-211$ | 06/80 |  |  | $(3)$$(3)$ |  |  |
| Copper, unalloyed ......................................................................... |  |  |  | 118.2 134.4 | 104.3 (3) |  | (3) | (3) |
| Copper, alloyed .............................................................................. |  | $\begin{aligned} & 3341-231 \\ & 3341-23111 \end{aligned}$ | 06/80 | 121.5 | $(3)$$(3)$$(3)$ | $\left({ }^{3}\right)$ <br> $\left({ }^{3}\right)$ | $(3)$$(3)$ | $\left({ }^{(3)}\right.$ |
| Brass ingot, alioyed ................................................................... |  |  | 06/80 | 101.7 |  |  |  |  |
| Lead ............................................................................................... |  | $\begin{aligned} & 3341-3 \\ & 3341-311 \end{aligned}$ | 06/80 | 95.4 | 103.3 | $\stackrel{(3)}{105.6}$ | 12.3 | 2.2 |
| Lead, unalloyed ............................................................................ |  |  | 06/80 | 108.5 | 118.3 | 121.0 | 5.6 | 2.3 |
| Antimonial lead ............................................................................. |  | 3341-321 | 06/80 | 91.0 | 189.0182.4179.7 | 101.6177.8 | 9.5 | 2.6 |
| Zinc .............................................................................................. |  | 3341-4 | 06/80 | 216.2 |  |  | 11.9 | -2.5 |
| Zinc base alloys ........................................................................... |  | 3341-411 | 06/80 | 213.0 | 179.7 | 175.1 | 11.9 | -2.6 |
| Precious metals .............................................................................. |  | 3341-5 | 06/80 | 56.4 | 50.7 | 53.0 | -15.2 | 4.5 |
| Gold |  | 3341-515 | 06/88 | 88.5 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left(^{3}\right)$ |
| Silver ........................................................................................... |  | 3341-525 | 06/88 | 92.4 | 79.8 | 80.1 | -24.4 | 4 |
| Other nonferrous metals ................................................................... |  | 3341-6 | 06/80 | 91.8 | 86.4 | 86.3 | 23.5 | -. 1 |
| Aluminum ....................................................................................... |  | 3341-7 | 06/80 | 138.4 | 132.1 | 123.4 | -10.5 | -6.6 |
| Ingot for die casting ....................................................................... |  | $3341-715$ | 06/88 | 97.8 | 93.0 | 86.7 | -13.6 | -6.8 |
| Other aluminum ............................................................................ |  | 3341.745 | 06/88 | 104.8 | 100.3 | 95.0 | -6.5 | -5.3 |
| Secondary products and miscellaneous receipts ............................................ |  | 3341-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3341-M | 06/80 | 119.1 | 106.9 | 107.6 | -11.3 | 7 |
| Sales of nonferrous scrap |  | 3341 -X16 | 06/88 | 105.6 | 91.5 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Contract toll work ........................................................................... |  | 3341-Y85 | 06/80 | 93.2 | 90.2 | 91.9 | -4.9 | 1.9 |
| Rolling, drawing and extruding of nonferrous metals ..................................... | 335 |  | 12/84 | 141.5 | 136.2 | 136.1 | 7.2 | -. 1 |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\underset{1989^{2}}{\substack{\text { July }}}$ | July 1988 | June 1989 |
| Rolling, drawing and extruding of copper | 3351 |  | 12/80 | 162.7 | 146.7 | 143.7 | 7.5 | -2.0 |
| Primary products ................................... |  | 3351-P | 12/80 | 169.6 | 152.9 | 149.3 | 9.4 | -2.4 |
| Copper and copper-base alloy wire |  | 3351-1 | 12/80 | 165.7 | 146.8 | 144.2 | 4.1 | -1.8 |
| Alloyed .............................................. |  | 3351-131 | 12/80 | 140.9 | 136.4 | (3) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Bare ................................................................................ |  | 3351-13114 | 12/80 | 150.1 | 145.2 | (3) | (3) | $\left({ }^{3}\right)$ |
| Copper and copper-base alloy rod, bar and shapes ....................... |  | 3351-3 | 12/80 | 174.7 | 167.6 | 164.1 | 15.1 | -2.1 |
| Unalloyed copper bars, shapes and non-electrical rod ..................... |  | 3351-311 | 12/80 | 170.7 | 159.8 | 155.4 | 7.4 | -2.8 |
| Rod ........................................................................................................ |  | 3351-31115 | 12/80 | 167.1 | 162.0 | 158.0 | 8.0 | -2.5 |
| Bars and shapes ................................................................ |  | 3351-31118 | 12/86 | 184.3 | 153.5 | 147.4 | 5.2 | -4.0 |
| Copper-base alloy rod, bar and shapes .............................................. |  | 3351-332 | 12/80 | 182.2 | 177.9 | 175.0 | 21.1 | -1.6 |
| Rod ........................................................................................ |  | 3351-33218 | 12/80 | 176.6 | 173.4 | 170.6 | 23.2 | -1.6 |
| Copper and copper-base alloy sheet, strip and plate .............................. |  | $3351-4$ | 12/80 | 178.3 | 155.8 | 152.2 | 10.1 | -2.3 |
| Unalloyed copper flat products ....................................................... |  | $3351-413$ | 12/80 | 182.7 | 153.2 | 149.1 | 5.9 | -2.7 |
| Strip .................................................................................. |  | 3351-41322 | 12/80 | 177.3 | 147.9 | 145.3 | 5.5 | -1.8 |
| Copper-base alloy flat products ........................................................ |  | 3351-435 | 12/80 | 176.5 | 156.6 | 153.2 | 11.7 | -2.2 |
| Strip .................................................................................................... |  | 3351-43526 | 12/80 | 174.5 | 155.0 | 151.6 | 12.8 | -2.2 |
| Copper and copper-base alloy pipe and tube ......................................... |  | 3351-5 | 12/80 | 157.9 | 137.3 | 133.3 | 4.3 | -2.9 |
| Unalloyed pipe and tube, non-plumbing ........................................... |  | 3351-518 | 12/80 | 146.5 | 121.6 | 117.3 | -. 2 | -3.5 |
| Copper-base alloy pipe and tube, non-plumbing .................................. |  | $3351-538$ | 12/80 | 159.3 | 137.7 | 133.9 | 4.4 | -2.8 |
| Secondary products and miscellaneous receipts ............................................ |  | 3351-SM |  |  |  |  |  |  |
| Secondary products ...................................................................................... |  | 3351-S | 12/80 | 119.6 | 108.4 | 108.2 | -6.2 | -. 2 |
| Aluminum sheet, plate, foil and welded tube products ........ | 3353 |  | 06/81 | 136.9 | 133.1 | 136.7 | 2.3 | 2.7 |
| Primary products ................................................................... |  | 3353-P | 06/81 | 140.3 | 135.9 | 140.0 | 2.6 | 3.0 |
| Aluminum plate ................................................................................. |  | 3353-1 | 06/81 | 145.1 | 148.0 | 148.9 | 11.0 | . 6 |
| Heat-treatable ..................................................................... |  | 3353-113 | 06/81 | 156.8 | 161.2 | 162.7 | 14.8 | . 9 |
| Aluminum sheet ................................................................................... |  | 3353-2 | 06/81 | 140.3 | 135.3 | 140.1 | 2.3 | 3.5 |
| Coiled, nonheat-treatable, bare ................................................. |  | 3353-231 | 06/81 | 139.2 | 133.5 | 135.9 | -. 6 | 1.8 |
| Coiled, nonheat-treatable, bare, all others ........................................ |  | 3353-23115 | 06/81 | 157.5 | 139.6 | 148.3 | -2.4 | 6.2 |
| Aluminum foil .................................................................................................. |  | 3353-3 |  |  |  |  |  |  |
| Plain aluminum foil (under . 006 in.) ................................................ |  | 3353-351 | 06/81 | 136.4 | 134.0 | 133.0 | -. 2 | -. 7 |
| Aluminum extruded products. | 3354 |  | 12/81 | 143.9 | 140.7 | 140.0 | 1.4 | -. 5 |
| Primary products ..................................... |  | 3354-P | 12/81 | 148.1 | 144.4 | 143.3 | 1.8 | -. 8 |
| Extruded aluminum rod, bar, and other extruded shapes except tube ...... |  | 3354-1 | 12/81 | 150.5 | 146.5 | 145.2 | 2.0 | -. 9 |
| Extruded rod and bar with alloys other than 2000 and 7000 series ...... |  | 3354-115 | 12/81 | 164.0 | 154.2 | 153.3 | 3.9 | -. 6 |
| Rod ......................................................................................... |  | 3354-11511 | 12/81 | 151.2 | 145.6 | 144.5 | -7.8 | -. 8 |
| Bar ........................................................................... |  | 3354-11512 | 12/81 | 174.0 | 160.5 | 159.8 | 15.5 | -. 4 |
| Other extruded shapes except tube, with alloys other than 2000 and 7000 series $\qquad$ |  | 3354-125 | 12/81 | 143.1 | 141.2 | 139.7 | - 1 | -1.1 |
| Other extruded shapes, circle size 1 to, not including 2 .................... |  | 3354-12501 | 12/81 | 150.4 | 148.3 | 147.7 | 1.2 | -. 4 |
| Other extruded shapes, circle size 2 to, not including3 .................... |  | 3354-12502 | 12/81 | 140.3 | 139.3 | 138.4 | 3.7 | -. 6 |
| Other extruded shapes, circle size 3 to, not including 4 ................... |  | 3354-12503 | 12/81 | 138.0 | 135.3 | 132.9 | $-4.3$ | -1.8 |
| Other extruded shapes, circle size 4 to, not including 5 ................... |  | 3354-12504 | 12/81 | 144.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other extruded shapes, circle size 5 to, not including 6 ................... |  | 3354-12505 | 12/81 | 128.0 | 127.4 | 126.7 | . 9 | -. 5 |
| Other extruded shapes, circle size 6 to, not including $10 . . . . . . . . . . . . . . . .$. |  | 3354-12506 | 12/81 | 161.7 | 156.9 | 154.7 | -2.9 | -1.4 |
| Other extruded shapes, circle size 10 and over ............................. |  | 3354-12512 | 06/87 | 135.1 | 132.9 | 131.2 | -. 7 | -1.3 |
| Other extruded shapes except tube, with alloys within 2000 and 7000 series $\qquad$ |  | 3354-128 | 12/81 | 130.8 | 128.0 | 126.6 | -2.7 | -1.1 |
| Other extruded shapes, circle sizes 1 to, not including 5 .................. |  | 3354-12801 | 12/81 | 127.5 | 126.7 | 126.2 | -1.1 | -. 4 |
| Aluminum extruded pipe ............................................................. |  | 3354-139 | 06/87 | 137.7 | 136.0 | 135.0 | 5.6 | -7 |
| Extruded pipe with alloys other than 2000 and 7000 series .............. |  | 3354-13911 | 12/81 | 144.6 | 142.5 | 141.1 | 9.5 | -1.0 |
| Aluminum extruded and drawn tube ..................................................... |  | 3354-2 | 12/81 | 137.2 | 135.0 | 134.3 | . 8 | -. 5 |
| Extruded tube, 6000 series ........................................................................ |  | 3354-251 | 12/81 | 133.5 | 130.8 | 130.8 | 1.0 | , |
| Drawn tube, 6000 series ................................................................................ |  | 3354-253 | 12/81 | 139.5 | 138.9 | 136.5 | . 2 | -1.7 |
| Secondary products and miscellaneous receipts Secondary products $\qquad$ |  | $\begin{aligned} & \text { 3354-SM } \\ & 3354-\mathrm{S} \end{aligned}$ | 12/81 | 117.8 | ${ }^{(3)}$ | 120.9 | -1.4 | ${ }^{3}$ ) |
| Aluminum rolling and drawing, n.e.c. ......................................................................... | 3355 |  | 06/81 | 140.9 | 139.7 | 139.7 | 8.4 | 0 |
| Primary products ............................................................................. |  | 3355-P | 06/81 | 137.7 | 136.2 | 136.2 | 8.4 | 0 |
| Aluminum and aluminum-base alloy wire and cable ............................... |  | 3355-1 | 06/81 | 119.3 | 116.5 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | (3) |
| Rolling, drawing and extruding of nonferrous metals, except copper and aluminum $\qquad$ | 3356 |  | 06/82 | 137.4 | 131.9 | 134.0 | -. 1 | 1.6 |
| Primary Products ............................................................................... |  | 3356-P | 06/82 | 137.6 | 131.8 | 134.2 | -. 2 | 1.8 |
| Nickel and nickel-base alloy mill shapes ............................................. |  | 3356-1 | 06/82 | 190.8 | 180.7 | 178.1 | 5.6 | -1.4 |
| Rod, bar, and other nickel mill shapes, except wire ............................. |  | 3356-169 | 02/85 | 207.0 | 188.5 | 184.7 | -1.3 | -2.0 |
| Titanium mill shapes ..................................................................................... |  | 3356-2 | 06/82 | 96.3 | 99.9 | 100.5 | 25.3 | . 6 |
| Forging and extrusion billet ............................................................... |  | 3356-274 | 06/82 | ${ }^{(3)}$ | 102.7 | 102.7 | ${ }^{(3)}$ | 0 |
| Plate, sheet and strip ..................................................................... |  | 3356-275 | 12/87 | 135.9 | 136.9 | 136.9 | $\left.{ }^{3}\right)$ | 0 |
| Other titanium mill shapes, except wire ........................................................ |  | 3356-278 | 12/87 | 133.9 | 143.2 | 145.8 | 30.1 | 1.8 |
| Precious metal mill shapes .......................................................................... |  | 3356-3 | 06/82 | 131.1 | 119.6 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ |
| Gold mill shapes ...................................................................................... |  | 3356-382 | 06/82 | 132.9 | 121.8 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | (3) |
| Sheet and plate ......................................................................... |  | 3356-38201 | 12/87 | 80.7 | 73.9 | ${ }^{3}{ }^{3}$ | ${ }^{(3)}$ | (3) |
| Silver mill shapes ......................................................................... |  | 3356-384 | 06/82 | 121.6 | 110.2 | (3) | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Other silver mill shapes, except wire ............................................. |  | 3356-38413 | 06/82 | 121.5 | 110.0 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other nonferrous metal mill shapes ................................................... |  | 3356-9 | 06/82 | 119.3 | 120.4 | 125.0 | 13.5 | 3.8 |
| Lead mill shapes ............................................................. |  | 3356-954 | 12/87 | 107.0 | 122.3 | 120.6 | 18.7 | -1.4 |
| Other lead mill shapes, except powder and wire ................................... |  | 3356-95412 | 06/82 | 84.1 | 96.0 | 94.7 | 18.7 | -1.4 |
| Zirconium mill shapes, except wire ......................................................... |  | 3356-961 | 12/87 | 93.5 | 93.7 | 94.3 | -7.0 | . 6 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Metal cans-Continued | 3412 |  |  |  |  |  |  |  |
| Vegetable and vegetable juice can ...... |  | 3411-119 | 06/81 | 113.0 | 113.2 | 113.2 | 2.5 | 0 |
| Can, other foods (including soups) ......................................... |  | 3411-131 | 06/81 | 132.0 | 132.0 | 135.1 | 1.5 | 2.3 |
| Steel cans, general packaging (including pet food) ............................. |  | 3411-1C | 06/81 | 119.2 | 119.2 | 119.2 | 4.0 | 0 |
| Paint and varnish can ................................................................. |  | 3411-137 | 06/81 | 127.2 | 127.2 | 127.2 | 3.2 | 0 |
| Aerosol can .................................................................................................. |  | 3411-139 | 12/86 | (3) | ${ }^{(3)}$ | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Can, other non-food ............................................................... |  | 3411-141 | 06/81 | 129.0 | 129.0 | 129.0 | 6.5 | 0 |
| Aluminum cans ..................................................................................................................... |  | 3411-2 | 06/81 | 103.6 | 106.0 | 105.5 | -1.4 | -. 5 |
| Aluminum cans, beverage ............................................................... |  | 3411-2A | 06/81 | 103.4 | 105.9 | 105.4 | -1.5 | -. 5 |
| Soft drink can ........................................................................... |  | 3411-211 | 06/81 | 105.6 | 107.5 | 106.8 | -1.8 | -. 7 |
| Beer can ................................................................................... |  | 3411-213 | 06/81 | 102.1 | 105.4 | 105.1 | -. 9 | -. 3 |
| Metal can components (steel and aluminum) |  | 3411-3 | 06/81 | 99.2 | 99.6 | 99.6 | -13.1 | 0 |
| Metal can components (steel and aluminum) |  | 3411-311 | 06/81 | 99.2 | 99.6 | 99.6 | -13.1 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | $\begin{aligned} & 3411-S M \\ & 3411-S \end{aligned}$ | 06/81 | 136.0 | 136.0 | 136.0 | 18.7 |  |
| Secondary products ......................................................................... |  |  |  |  |  |  |  | 0 |
| Metal barrels, drums, and pails |  |  | 06/83 | 115.2 | 115.4 | 115.0 | 8 | -. 3 |
| Primary products |  | 3412-P | 06/83 | 116.2 | 116.4 | 116.0 | . 7 | -. 3 |
| Steel pails ...................................................................................... |  | 3412.1 | 06/83 | 124.9 | 128.2 | 127.1 | . 9 | -. 9 |
| 11 1/4 in. dia.: full removable head .................................................. |  | 3412-121 | 08/83 | 136.1 | 139.9 | 139.9 | 2.8 | 0 |
| All other diameters .................................................................... |  | 3412-129 | 09/83 | 122.8 | 122.8 | 123.2 | 2.3 | . 3 |
| Steel shipping barrels and drums ................................................. |  | 3412-2 | 06/83 | 114.3 | 113.2 | 113.1 | . 7 | -. 1 |
| All exc. 14 -in. dia.: 18 gage \& heavier: 50 gal \& over: tight head ........ |  | 3412-225 | 06/83 | 113.4 | 113.6 | 113.3 | 1.8 | -. 3 |
| All exc. 14-in. dia.: 18 gage \& heavier: 50 gal. \& over: open head ....... |  | 3412-227 | 06/83 | 105.1 | 105.1 | 105.4 | . 9 | . 3 |
| All exc. 14-in. dia.: 19 \& 20 gage (incl. 20/18): 50 gal. \& over: <br> tight head |  | 3412-229 | 06/83 | 115.4 | 115.9 | 115.8 | 1.2 | -. 1 |
| All exc. 14-in. dia.: 19 \& 20 gage (incl. 20/18): 50 gal. \& over: open head $\qquad$ |  | 3412-231 | 06/83 | 106.6 | 106.8 | 106.8 | 1.8 | 0 |
| All except 14-in. dia.: lighter than 20 gage ......................................... |  | 3412-237 | 08/83 | ${ }^{(3)}$ | 111.8 | 111.8 | -12.9 | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 3412-SM | 06/83 | 105.9 | 105.7 |  | 3.7 |  |
| Secondary products ................................................................................ |  | 3412-S |  |  |  | 105.7 |  | 0 |
| Cutlery, hand tools, and general hardware | 342 |  | 12/84 | 110.6 | 111.4 | 111.8 | 5.4 | . 4 |
| Cutlery | 3421 |  | 12/83 | 117.1 | 117.4 | 117.4 | 5.5 | 0 |
| Primary products |  | 3421-P | 12/83 | 118.9 | 119.2 | 119.2 | 5.9 | 0 |
| Cutlery, scissors, shears, trimmers, and snips .......................................... |  | 3421-1 | 12/83 | 116.0 | 116.7 | 116.7 | 6.0 | 0 |
| Kitchen cutlery, incl. knives, forks, and cleavers ................................. |  | 3421-121 | 12/83 | 116.3 | 120.4 | 120.4 | 4.9 | 0 |
| Pocket knives \& other folding blade knives $\qquad$ Scissors \& shears, incl. hshld types, excl. barber, pinking \& |  | 3421-141 | 12/83 | 131.9 | 131.9 | 131.9 | 10.2 | 0 |
| tail. shears, etc. .................................................... |  | 3421-153 | 12/83 | 124.5 | 124.5 | 124.5 | 3.8 | 0 |
| Metal-cutting shears, incl. aviation \& tinners' snips, bx, \& wire <br> fil. cutters |  | 3421-157 | 12/83 | 110.1 | 110.1 | 110.1 | 3.3 | 0 |
| All other scissors \& shears, incl. hedge \& grass shears \& pruners ....... |  | 3421-159 | 12/83 | 116.8 | 116.8 | 116.8 | . 8 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3421-SM |  |  |  |  |  |  |
| Secondary products ................................................................................ |  | 3421-S | 12/83 | 118.7 | 118.7 | 118.7 | 8.4 | 0 |
| Hand and edge tools, n.e.c. .................................................................................. | 3423 |  | 06/83 | 121.7 | 123.0 | 123.5 | 5.3 | 4 |
| Primary products $\qquad$ <br> Mechanics' hand service tools $\qquad$ |  | 3423-P | 06/83 | 122.3 | 123.5 | 123.9 | 6.7 | . 3 |
|  |  | 3423-1 | 06/83 | 122.9 | 124.3 | 124.4 | 6.8 | . 1 |
| Pliers |  | $\begin{aligned} & 3423-111 \\ & 3423-11112 \end{aligned}$ | 06/83 | 110.4 | 116.3 | 116.3 | 6.2 |  |
| Slip joint pliers .......................................................................... |  |  | 06/83 | 113.9 | 116.9116.0 | 116.9 | 2.37.5 | 0 |
| Solid joint pliers ......................................................................... |  | 3423-11113 | 06/83 | 109.2 |  | 116.0 |  | 0 |
| Wrenches ..................................................................................... |  | $\begin{aligned} & 3423-113 \\ & 3423-11321 \end{aligned}$ | 06/83 | 125.7 | 116.0 125.9 |  | 7.5 4.1 | 0 |
| Sockets for hand-operated wrenches ............................................ |  |  | 06/83 | 126.4 | 126.4 | 126.4 | 3.6 | 0 |
| Combination open-end and box wrenches ...................................... |  | 3423-11324 | 06/83 | 126.7 | 126.7 | 126.7 | $4.6$$\left(^{3}\right)$ |  |
| Torque wrenches ........................................................................ |  | 3423-11325 | 06/83 | 132.0 | 132.0123.3 | $(3)$$(3)$(3) |  | ${ }^{(3)}$ |
| Adjustable wrenches, including pipe wrenches ................................ |  | 3423-11326 | 06/83 | 123.3 |  |  | $\begin{aligned} & \left({ }^{3}\right) \\ & \left({ }^{3}\right) \end{aligned}$ |  |
| All other wrenches ...................................................................... |  | 3423-11327 | 06/83 | 121.4125.0 | 123.3 | 123.3 | 5.04.8 | ${ }^{(3)}{ }_{0}$ |
| Screwdrivers ........................................................................................................... |  | 3423-114 | 06/83 |  | 125.0 | 125.0 |  | 0 |
| Automotive jacks, mechanical, excluding hydraulic and pneumatic ....... |  | 3423-115 | 06/83 | 118.3 |  | 124.4 | 17.7 | 2.40 |
| Tools for automotive use, excluding jacks ........................................ |  | 3423-116 | 06/83 | $\begin{aligned} & 123.0 \\ & 121.7 \end{aligned}$ | $\begin{aligned} & 126.1 \\ & 122.5 \end{aligned}$ | 126.1 | 11.1 |  |
| All other mechanics' hand service tools ............................................. |  | 3423-117 | 06/83 |  |  | 122.6117.0 | 6.8 | . 1 |
| Edge tools, hand operated .................................................................. |  | 3423-2 | 06/83 | $\begin{aligned} & 121.7 \\ & 116.4 \end{aligned}$ | $\begin{aligned} & 122.5 \\ & 116.7 \end{aligned}$ |  | 3.9 | 3 |
| Axes, adzes, and hatchets |  | 3423-231 | 06/83 | 122.1 | 122.1 | 122.1 | 8.4 | $\left(^{3}\right)^{0}$ |
| Machine knives, except metal cutting |  | 3423-255 | 06/83 | 112.0$(3)$ | $\begin{gathered} 110.1 \\ \left({ }^{3}\right) \end{gathered}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |  |
| Chisels |  | 3423-283 | 06/83 |  |  | 128.2$\left({ }^{3}\right)$118.9 | ${ }^{(3)}$ | ${ }_{(3)}^{(3)}$ |
| Professional and craftsmen's edge hand tools ................................... |  | 3423-285 | 06/83 | 123.5 | 123.5 |  |  | ${ }^{(3)}$ |
| All other edge tools ....................................................................... |  | 3423-298 | 06/83 | 115.2124.5 | 117.4126.0 | 118.9 | 6.5 | 1.3.8 |
| Files, rasps, and file accessories and other hand tools ......................... |  | 3423-3 | 06/83 |  |  | 127.0 | 8.0 |  |
| Shovels,spades, scoops, telegraph spoons, and scrapers .................... |  | $\begin{array}{r} 3423-311 \\ 3423-321 \end{array}$ | 06/83 | $\begin{aligned} & 133.5 \\ & 116.6 \end{aligned}$ | $\begin{aligned} & 136.1 \\ & 117.6 \end{aligned}$ | $\begin{gathered} 138.0 \\ \left({ }^{3}\right) \end{gathered}$ | ${ }^{13.1}{ }^{3}{ }^{\text {a }}$ | $\begin{aligned} & 1.4 \\ & \left.\mathbf{(}^{3}\right) \end{aligned}$ |
| Light forged hammers, under 4 pounds, excluding ball peen hammers |  |  | 06/83 |  |  |  |  |  |
| Heavy forged hammers, sledges (4 pounds and over), picks, pick mattocks, and mauls $\qquad$ |  | 3423-331 | 06/83 | ${ }^{(3)}$ | (3) | 131.2 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Steel goods, including forks, hoes, rakes, weeders, etc. ...................... |  | 3423-341 | 06/83 | 134.0 | 134.0 | 138.0 | 11.7 | 3.0 |
| Other hand tools, except edge tools ............................................... |  | 3423-398 | 06/83 | 120.8 | 122.4 | 122.9 | 6.6 | . 4 |
| Secondary products and miscellaneous receipts ..................................... |  | $\begin{aligned} & 3423-S M \\ & 3423-M \\ & 3423-Z 89 \\ & 3423-S \\ & 3423-S S \end{aligned}$ | 06/83 <br> 06/83 <br> 06/83 <br> 06/83 | 114.8 <br> 114.8 <br> 124.7 <br> 124.7 | $\begin{aligned} & 117.9 \\ & 117.9 \\ & 124.5 \\ & 124.5 \end{aligned}$ | $\begin{aligned} & 117.5 \\ & 117.5 \\ & 126.6 \end{aligned}$ <br> ${ }^{(3)}$ |   <br> -6.3 -.3 <br> -6.3 -.3 <br> 6.1 1.7 <br> $\left({ }^{3}\right)$ $\left({ }^{3}\right)$ |  |
| Miscellaneous receipts ..................................................................... |  |  |  |  |  |  |  |  |  |
| Resales ........................................................................................ |  |  |  |  |  |  |  |  |  |
| Secondary products ........................................................................ |  |  |  |  |  |  |  |  |  |
| Secondary products ......................................................................... |  |  |  |  |  |  |  |  |  |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Hand saws and saw blades | 3425 |  | 06/83 | 116.1 | 117.1 | 117.5 | 2.7 | 0.3 |
| Primary products ... |  | 3425-P | 06/83 | 117.3 | 118.5 | 118.8 | 2.9 | . 3 |
| Handsaws and handsaw blades ................................................... |  | 3425-1 | 06/83 | 120.9 | 120.9 | 125.8 | 5.9 | 4.1 |
| Woodworking power saw blades ..................................................................... |  | 3425-2 | 06/83 | 107.0 | 108.5 | 107.8 | 3.1 | -. 6 |
| Circular saw blades ..................................................................... |  | 3425-212 | 06/83 | 104.0 | 104.9 | 104.9 | 2.3 | 0 |
| Solid tooth ........ |  | 3425-21211 | 06/83 | 108.2 | 108.9 | 108.9 | 2.3 | 0 |
| Inserted tooth ................................................................................................................................ |  | 3425-21213 | 06/83 | 92.8 | ${ }^{(3)}$ | 93.8 | 2.3 | ${ }^{(3)}$ |
| Bandsaw blades ........................................................................ |  | 3425-216 | 06/83 | 114.8 | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| All other woodworking power saw blades ..................................... |  | 3425-219 | 06/83 | 107.7 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Metalworking power saw blades ........................................................ |  | 3425-3 | 06/83 | 126.2 | 127.4 | 126.9 | 1.2 | -. 4 |
| Circular saw blades, including separate inserted teeth ........................ |  | 3425-331 | 07/83 | $\left.(3)^{3}\right)$ | ${ }^{(3)}$ | 98.2 | ${ }^{(3)}$ | (3) |
| Bandsaw blades ........................................................................... |  | 3425-336 | 06/83 | 130.0 | 131.2 | 130.7 | 1.2 | -. 4 |
| Other metalworking power saw blades ............................................. |  | 3425-339 | 06/83 | 122.6 | 131.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| All other power saw blades, including concrete, masonry, and abrasive saw blades $\qquad$ |  | 3425-4 | 06/83 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 122.6 | $\left.{ }^{3}\right)$ | (3) |
| All other power saw blades, including concrete, masonry, and abrasive saw blades $\qquad$ |  | 3425-411 | 06/83 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 122.6 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts ............................................ |  | ${ }_{3425-S M}$ |  |  |  | 117.5 | (3) | (3) |
|  |  | $3425-M$ $3425-S$ | 06/83 | $\stackrel{(9)}{107.3}$ | ${ }_{107.5}$ | 117.5 | 2.7 | 1.1 |
| Secondary products $\qquad$ <br> Secondary products $\qquad$ |  | 3425-S | 06/83 | 107.3 107.3 | 107.5 107.5 | 108.7 $(3)$ | ${ }^{2.7}$ | ${ }^{1.1}$ |
| Hardware, n.e.c. | 3429 |  | 06/85 | 105.3 | 105.9 | 106.4 | 5.8 | . 5 |
| Primary products |  | 3429-P | 06/85 | 104.0 | 104.6 | 105.1 | 5.6 | . 5 |
| Furniture hardware, excluding cabinet hardware ................................... |  | 3429-2 | 06/85 | 109.6 | 109.6 | 109.6 | 1.0 | 0 |
| Drawer pulls and handles ............................................................... |  | 3429-214 | 06/85 | 107.6 | 107.6 | 107.6 | 3.1 | 0 |
| Furniture casters ........................................................................... |  | 3429-253 | 06/85 | 103.3 | 103.3 | 103.3 | 0 | 0 |
| Other furniture hardware .................................................................... |  | 3429-298 | 06/85 | 114.7 | (3) | 115.1 | 2.1 | ${ }^{(3)}$ |
| Builders' hardware ....................................................................................... |  | 3429-4 | 06/85 | 110.5 | 111.8 | 112.1 | 3.9 | . 3 |
| Doorlocks, locksets, and locktrim, except architectural trim sold separately $\qquad$ |  | 3429-421 | 06/85 | 112.5 | 114.3 | 114.0 | 4.0 | -. 3 |
| Cylindrical, except deadlocks and latches ...................................... |  | 3429-42111 | 06/85 | 118.3 | 119.7 | 121.4 | 4.4 | 1.4 |
| Tubular, except deadlocks and latches ....... |  | 3429-42112 | 06/85 | 109.8 | (3) | 109.9 | 4.3 | ( ${ }^{3}$ ) |
| Tubular and mortise deadlocks and latches ....................................... |  | 3429-42114 | 06/85 | 110.2 | 111.2 | 111.5 | 3.9 | . 3 |
| All other types .............................................................. |  | 3429-42116 | 06/85 | 102.0 | 102.1 | 101.9 | 1.4 | -. 2 |
| Key blanks ..................................................................................... |  | 3429-424 | 06/85 | 118.5 | 119.3 | 119.0 | 12.4 | -. 3 |
| Screen and storm door hardware, including hydraulic and pneumatic closers |  | 3429-433 | 06/85 | 104.4 | $\left({ }^{3}\right)$ | 106.4 | 6.5 | (3) |
| Window hardware, including window locks ....................................... |  | 3429-436 | 06/85 | 111.5 | 113.3 | ${ }^{3}$ ) | (3) | ${ }^{3}$ ) |
| Door controis, closers, and checking devices ......................................... |  | 3429-442 | 06/85 | 111.2 | 112.3 | 112.3 | 2.0 | 0 |
| Surface applied ......................................................................... |  | 3429-44211 | 06/85 | 110.0 | 111.8 | 111.8 | 2.5 | 0 |
| Hinges, excluding cabinet hinges, including spring hinges ................... |  | 3429-452 | 06/85 | 104.1 | 103.4 | 104.9 | 1.7 | 1.5 |
| Butt hinges: $31 / 2$ inch $\times 3$ 1/2 inch, and under ............................ |  | 3429-45211 | 06/85 | 104.6 | 104.6 | 104.6 | 4.8 | 0 |
| Other hinges ............................................................................... |  | 3429-45213 | 06/85 | 112.7 | 113.5 | 112.7 | 3.3 | -. 7 |
| Cabinet hardware ........................................................................................ |  | 3429-461 | 06/85 | 117.5 | 121.5 | 124.4 | 8.7 | 2.4 |
| Cabinet hinges .............................................................................. |  | 3429-46111 | 06/85 | 111.4 | 123.7 | 127.2 | 18.4 | 2.8 |
| Cabinet knobs, pulls, catches ....................................................... |  | 3429-46113 | 06/85 | 110.9 | 110.9 | 114.2 | 4.6 | 3.0 |
| Other cabinet hardware, including drawer slides .............................. |  | 3429-46114 | 06/85 | 117.6 | 117.3 | 120.5 | 7.2 | 2.7 |
| Hangers, tracks, and related items ..................................................... |  | 3429-471 | 06/85 | 110.0 | 110.7 | 110.7 | 2.2 | 0 |
| Other builders' hardware ............................................................................... |  | 3429-498 | 06/85 | 113.1 | 113.1 | 113.1 | 5.5 | 0 |
| Motor vehicle hardware ............................................................................ |  | 3429-6 | 06/85 | 98.5 | 98.7 | 99.0 | 7.3 | . 3 |
| Other motor vehicle hardware ................................................................... |  | 3429-698 | 06/85 | 96.2 | 97.3 | 98.6 | 12.2 | 1.3 |
| Other transportation equipment hardware, except motor vehicle hardware $\qquad$ |  | 3429-7 | 06/85 | 124.4 | 127.3 | 126.4 | 14.8 | -. 7 |
| Marine hardware .......................................................................... |  | 3429-711 | 06/85 | 121.6 | 126.1 | 124.1 | 12.6 | -1.6 |
| Aircraft hardware ........................................................................... |  | 3429-731 | 06/85 | 115.1 | 115.1 | 116.7 | 6.3 | 1.4 |
| Other hardware, n.e.c. ..................................................................... |  | 3429-8 | 06/85 | 101.7 | 101.6 | 103.7 | 5.2 | 2.1 |
| Casters and wheels, for dollies and industrial handtrucks .................... |  | 3429-822 | 06/85 | 107.5 | 107.5 | 107.6 | 3.1 | . 1 |
| Trunk and luggage hardware, including locks ..................................... |  | 3429-832 | 06/85 | 109.1 | 112.8 | 112.8 | 7.4 | 0 |
| Other hardware ................................................................................... |  | 3429-898 | 06/85 | 110.6 | 111.0 | 111.7 | 5.3 | 6 |
| Secondary products and miscellaneous receipts .......................................... |  | 3429-SM |  |  |  |  |  |  |
| Secondary products ........................................................................................ |  | 3429-S | 06/85 | 114.6 | 115.1 | 115.5 | 5.6 | . 3 |
| Heating equipment, except electric and warm air; and plumbing fixtures $\qquad$ | 343 |  | 12/84 | 119.7 | 121.2 | 122.1 | 6.1 | . 7 |
| Metal sanitary ware ................................................................................. | 3431 |  | 12/80 | 133.6 | 134.3 | 136.3 | 5.9 | 1.5 |
| Primary products ................................................................................ |  | 3431-P | 12/80 | 135.3 | 137.0 | 137.2 | 6.1 | . 1 |
| Drinking fountains ............................................................................ |  | 3431-2 | 12/86 | 111.6 | 113.1 | 113.1 | 9.1 | 0 |
| Sinks and sink/laundry tray combinations ................................................. |  | 3431-4 | 12/80 | 155.2 | 158.9 | 159.1 | 11.7 | . 1 |
| Kitchen sinks (cast iron, steel, and stainless steel) ............................. |  | 3431-426 | 12/80 | 147.7 | 150.5 | 150.4 | 10.9 | -. 1 |
| Bathtubs ........................................................................................ |  | 3431-7 | 12/80 | 126.9 | 128.0 | 128.4 | 3.4 | . 3 |
| Cast iron bathtubs ...................................................................... |  | 3431-711 | 12/80 | 134.5 | 134.3 | 134.5 | 3.3 | 1 |
| Miscellaneous metal sanitary ware ............................................... |  | 3431-9 | 12/86 | 108.9 | 108.9 | 108.9 | . 3 | 0 |
| Urinals, including cast iron ............................................................. |  | 3431.946 | 12/86 | 117.7 | 117.7 | 117.7 | 8.4 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3431-SM |  |  |  |  |  |  |
| Plumbing fixture fittings and brass goods ..................................................... | 3432 |  | 06/83 | 134.7 | 136.3 | 137.2 | 8.1 | . 7 |
| Primary products ................................................................................ |  | 3432-P | 06/83 | 137.4 | 139.1 | 140.1 | 8.7 | . 7 |
| Plumbing fixture fittings and brass goods ............................................. |  | 3432-1 | 06/83 | 137.4 | 139.1 | 140.1 | 8.7 | . 7 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Plumbing fixture fittings and brass goods-Continued | 3433 |  |  |  |  |  |  |  |
| Bath and shower fittings .............................. |  | 3432-101 | 06/83 | 126.4 | 129.8 | 130.7 | 8.1 | 0.7 |
| Bathtub and shower combination, other than single control ......... |  | 3432-10113 | 06/83 | 126.9 | 130.3 | 130.3 | 7.0 | 0 |
| Other bath and shower fittings ......................................................... |  | 3432-10117 | 06/83 | 138.2 | 139.2 | 141.3 | 10.0 | 1.5 |
| Lavatory fittings ............................................................................................. |  | 3432-102 | 06/83 | 120.9 | 124.0 | 125.0 | 9.6 | . 8 |
| Single control, 4 inch centerset ............................................... |  | 3432-10221 | 06/83 | 119.8 | 120.6 | 122.8 | 9.4 | 1.8 |
| Residential, 4 inch centerset, other than single control ................. |  | 3432-10224 | 06/83 | 126.4 | 130.8 | 130.8 | 8.2 | 0 |
| Sink fittings ..................................................................................... |  | 3432-103 | 06/83 | 141.0 | 142.7 | 143.4 | 11.8 | . 5 |
| Single control deck-type faucet with spray ... |  | 3432-10334 | 06/83 | 128.9 | 132.9 | 133.1 | 9.3 | . 2 |
| Single control deck-type faucet without spray ................................. |  | 3432-10335 | 06/83 | 122.6 | 122.6 | 124.5 | 6.0 | 1.5 |
| Residential deck-type faucets, other than single control ................... |  | 3432-10336 | 06/83 | 126.1 | 128.2 | 129.2 | 7.7 | . 8 |
| Other sink fittings ........................................................................ |  | 3432-10339 | 06/83 | 196.6 | 198.4 | 198.4 | 23.6 | 0 |
| Miscellaneous brass goods ....................................................... |  | 3432-104 | 06/83 | 149.4 | 149.7 | 150.8 | 7.3 | . 7 |
| Drains and overflows .......................................................... |  | 3432-10443 | 06/83 | 126.7 | 131.5 | 131.5 | 6.7 | 0 |
| Single, or single basin faucets .................................................... |  | 3432-10444 | 06/83 | 132.0 | 133.8 | 133.8 | 4.9 | 0 |
| Traps ........................................................................................ |  | 3432-10445 | 06/83 | 120.1 | 121.7 | 121.7 | 7.6 | 0 |
| Compression stops, including those with drains ............................... |  | 3432-10447 | 06/83 | 128.0 | 130.8 | 130.8 | 8.8 | 0 |
| Lawn hose nozzles and lawn sprinklers ................. |  | 3432-10451 | 06/83 | 175.0 | 175.0 | 175.0 | 5.5 | 0 |
| Water closet tank flushing controls ............. |  | 3432-10453 | 06/83 | 137.1 | 145.0 | 145.0 | 10.6 | 0 |
| Other miscellaneous items ........................................................... |  | 3432-10498 | 06/83 | 158.3 | 155.2 | 158.4 | 9.0 | 2.1 |
| Secondary products and miscellaneous receipts .......................................... |  | $\begin{aligned} & \text { 3432-SM } \\ & 3432-S \end{aligned}$ | 06/83 | 138.2 | 139.2 | 139.1 | 8.4 | -. 1 |
| Secondary products .......................................................................... |  |  |  |  |  |  |  |  |
| Nonelectric heating equipment ................................................................... |  |  | 06/80 | 143.7 | 145.9 | 146.6 | 4.1 | . 5 |
|  |  | 3433-P | 06/80 | 144.2 | 145.0 | 147.1 | 5.0 | 1.4 |
| Cast iron heating boilers ................................................................... |  | 3433-3 | 06/80 | 140.9 | 140.9 | 140.9 | 2.0 | 0 |
| Oil-fired cast iron heating boilers ..................................................... |  | 3433-311 | 06/80 | 135.4 | 135.4 | 135.4 | 3.5 | 0 |
| Gas-fired cast iron heating boilers.. |  | 3433-313 | 06/80 | 141.8 | 141.8 | 141.8 | . 5 | 0 |
| Domestic heating stoves ......... |  | 3433-4 | 06/80 | 132.3 | 133.4 | 133.4 | 2.3 | 0 |
| Wood and coal domestic heating stoves, except sheet metal, airtight |  | 3433-416 | 06/80 | 133.7 | 133.7 | 133.7 | 2.1 | 0 |
| Other domestic heating stoves ........................................................ |  | 3433-422 | 06/86 | 110.4 | 113.2 | 113.2 | 2.9 | 0 |
| Other heating systems ........................................................................ |  | 3433-6 | 06/80 | 147.5 | 147.4 | 152.3 | 5.5 | 3.3 |
| Floor and wall furnaces ................................................................... |  | 3433-631 | 06/80 | 155.5 | 150.9 | 155.5 | 6.8 | 3.0 |
| Gas-fired wall furnaces ................................................................ |  | 3433-63113 | 06/80 | 153.4 | 148.3 | 153.4 | 7.0 | 3.4 |
| Other systems, n.e.c. .................................................................... |  | 3433-661 | 06/80 | 140.9 | 145.1 | 145.0 | 5.1 | -. 1 |
| Other heating systems, n.e.c. ...................................................... |  | 3433-66193 | 06/86 | 102.5 | 106.0 | 105.7 | 5.5 | -. 3 |
| Parts for heating systems .................................................................. |  | 3433-8 | 06/80 | 150.8 | 152.6 | 154.8 | 7.8 | 1.4 |
| Gas burners and parts/attachments .................................................. |  | 3433-811 | 06/80 | 141.6 | 143.6 | 144.1 | 6.7 | . 3 |
| Gas burners under and equal to 400 MBH ..................................... |  | 3433-81101 | 06/80 | 144.1 | 144.1 | 145.1 | 6.1 | . 7 |
| Dual fuel burners and parts/attachments .......................................... |  | 3433-831 | 06/80 | 139.8 | 139.8 | 142.0 | 15.8 | 1.6 |
| Commercial/industrial dual fuel burners ......................................... |  | 3433-83103 | 06/80 | 133.9 | 133.9 | 136.0 | 10.3 | 1.6 |
| Other parts, n.e.c. ......................................................................... |  | 3433-871 | 06/86 | 119.3 | 118.9 | 121.8 | 5.8 | 2.4 |
| Secondary products and miscellaneous receipts |  | 3433-SM |  |  |  |  |  |  |
| Secondary products .... |  | 3433-S | 06/80 | 139.0 | 148.8 | 141.3 | -2.1 | -5.0 |
|  |  | 3433-SSS | 06/80 | 142.9 | 155.3 | 145.9 | -2.5 | -6.1 |
| Refrigeration and electric heating equipment ........................................ |  | 3585-S | 06/80 | 127.8 | 127.8 | 127.8 | 0 | 0 |
| Fabricated structural metal products | 344 |  | 12/84 | 115.5 | 116.6 | 116.5 | 4.4 | -. 1 |
| Fabricated structural metal | 3441 |  | 06/82 | 116.9 | 118.8 | 118.5 | 4.8 | -. 3 |
| Primary products |  | 3441-P | 06/82 | 117.1 | 119.2 | 118.8 | 5.6 | -. 3 |
| Fabricated structural metal for buildings .......................................... |  | 3441-1 | 06/82 | 117.6 | 121.0 | 120.2 | 4.5 | -. 7 |
| Iron and steel for industrial buildings .............. |  | 3441-121 | 06/82 | 119.3 | 125.8 | 124.1 | 6.0 | -1.4 |
| Industrial buildings and plants ................ |  | 3441-12101 | 06/82 | 123.2 | 130.9 | 128.8 | 6.9 | -1.6 |
| Warehouses .............................................................................. |  | 3441-12102 | 06/82 | 97.3 | 97.3 | 97.3 | -. 6 | 0 |
| Iron and steel for commercial buildings ........................................ |  | 3441-122 | 06/82 | 105.8 | 105.8 | 105.9 | 1.3 | . 1 |
| Office buildings (high-rise) ............................................................ |  | 3441-12201 | 06/82 | 102.2 | 102.2 | 102.2 | . 8 | 0 |
| Office buildings (low-rise) ............................................................. |  | 3441-12202 | 06/82 | 105.9 | 105.9 | 106.3 | . 9 | . 4 |
| Other commercial buildings (low-rise) ............................................. |  | 3441-12207 | 06/87 | 114.8 | 114.8 | 115.0 | 4.3 | . 2 |
| Iron and steel for residential buildings ........................................................ |  | 3441-123 | 06/87 | 105.5 | 105.5 | 105.5 | 4.2 | 0 |
| Residential buildings (low-rise) ................................................................ |  | $3441-12305$ $3441-127$ | 06/87 | 108.9 | 108.9 106.0 | 108.9 | ${ }^{8.6}$ | ${ }^{0}$ |
| Iron and steel for public utilities $\qquad$ Iron and steel for other buildings (including rel., med., instit., |  | 3441-127 | 06/82 | 105.4 | 106.0 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ( ${ }^{\text {a }}$ |
| and educational) ..................................................................... |  | 3441-128 | 06/87 | 122.8 | 123.8 | 124.5 | 10.0 | . 6 |
| Low-rise buildings ....................................................................... |  | 3441-12802 | 06/87 | 106.5 | 107.4 | 108.9 | 3.3 | 1.4 |
| Fabricated structural metal for bridges, trestles, and viaducts ................. |  | 3441-2 | 06/82 | 113.4 | 114.3 | 114.3 | 10.3 | 0 |
| Iron, steel, and aluminum for highways ............................................ |  | 3441-212 | 06/82 | 113.7 | 114.3 | 114.3 | 10.4 | 0 |
| Other fabricated structural metal ....................................................... |  | 3441-3 | 06/82 | 117.0 | 117.0 | 117.1 | 6.6 | . 1 |
| Iron and steel for towers and supporting structures |  | 3441-342 | 06/82 | 118.8 | 119.1 | 119.4 | 1.6 | . 3 |
| Iron and steel for offshore oil and gas platiorms ................................ |  | 3441-353 | 06/87 | 105.5 | 105.5 | ${ }^{(3)}$ | ${ }^{3}$ ) | $(3)^{3}$ |
| Iron and steel for other uses ......................................................... |  | 3441-359 | 06/87 | 114.6 | 114.6 | 114.6 | 8.7 | 0 |
| Secondary products and miscellaneous receipts ............................................ |  | 3441-SM |  |  |  |  |  |  |
| Secondary products ....................................................................................... |  | 3441-S | 06/82 | 131.3 | 132.8 | 133.6 | 2.4 | . 6 |
| Metal doors, sash and trim . | 3442 |  | 06/83 | 124.1 | 125.5 | 125.8 | 4.6 | . 2 |
|  |  | 3442-P | 06/83 | 125.9 | 127.3 | 127.6 | 4.7 | 2 |
| Metal doors and frames, except storm doors ................................. |  | 3442-1 | 06/83 | 128.2 | 130.1 | 130.4 | 7.3 | . 2 |
| Aluminum doors, all types .......................... |  | 3442-11 | 06/83 | 128.9 | 131.4 | 131.8 | 5.9 | . 3 |
| Aluminum residential doors ................................................................................................ |  | 3442-112 | 06/83 | 127.4 | 126.9 | 127.1 | 1.8 | 2 |
| Sliding glass patio doors ......................................................... |  | 3442-11216 | 06/83 | 126.1 | 125.4 | 125.4 | . 6 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Metal doors, sash and trim-Continued <br> All other residential doors, including garage | 3443 | $\begin{aligned} & 3442-11218 \\ & 3442-113 \end{aligned}$ | 06/83 | 119.8 | 121.0 | 122.3 | 9.0 | 1.1 |
|  |  |  |  |  |  |  |  |  |
| Aluminum commercial and institutional doors .................................... |  |  | 06/83 | 128.7 | 135.5 | 136.3 | 12.5 | . 6 |
| All other commercial and institutional doors ................................. |  | 3442-11323 | 06/83 | 132.9 | 144.7 | 146.3 | 10.0 | 1.1 |
| Iron and steel doors, all types ......................................................... |  | 3442 -12 | 06/83 | 127.7 | 129.6 | 129.8 | 8.5 | . 2 |
| Iron and steel doors, all types .............................................................................................................. |  | 3442-121 | 06/83 | 125.2 | 127.2 | 127.2 | 14.0 | 0 |
|  |  | 3442-122 | 06/83 | 131.4 | 132.7 | 133.1 | 6.3 | . 3 |
| Iron and steel residential doors ............................................................................................................................. Garage doors ......... |  | 3442-12227 | 06/83 | 126.1 | 130.2 | 130.0 | 8.3 | -. 2 |
| Insulated steel entrance doors ........................................................................................................... |  | 3442-12229 | 06/83 | 132.2 | 132.5 | 133.0 | 5.6 | 4 |
| All other residential doors ................................................................................... |  | 3442-12231 | 06/83 | 132.9 | 133.1 | 134.3 | 5.3 | . 9 |
| Iron and steel commercial and institutional doors ..................................................................... |  | 3442-123 | 06/83 | 120.3 | 123.0 | 123.1 | 3.3 | . 1 |
| Iron and steel commercial and institutional doors ................................................................................ |  | 3442-12332 | 08/83 | 119.5 | 121.5 | 121.2 | 2.3 | -. 2 |
| All other commercial and institutional doors ................................. |  | 3442-12336 | 06/83 | 113.8 | 114.4 | 116.5 | 2.7 | 1.8 |
| Aluminum doorframes |  | 3442-142 | 06/83 | 134.1 | 132.8 | 132.7 | 21.7 | -. 1 |
| Steel doorframes, 16 gauge and heavier |  | 3442-143 | 06/83 | 119.3 | 120.9 | 120.5 | 2.0 | -. 3 |
| Metal window sash and frames, except storm sash ............................................................... |  | 3442-2 | 06/83 | 123.4 | 123.5 | 123.7 | 1.1 | . 2 |
| Aluminum window sash and frames ................................................. |  | 3442-21 | 06/83 | 124.1 | 124.2 | 124.5 | 1.1 | 2 |
|  |  | 3442-211 | 06/83 | 120.6 | 121.2 | 121.6 | 3.2 | . 3 |
| Residential aluminum window sash and frames ............................................................................................ |  | 3442-21121 | 06/83 | 118.8 | 120.0 | 120.2 | 3.3 | . 2 |
| Single and double-hung .................................................................................................................................. |  | 3442-21124 | 06/83 | 116.0 | 116.0 | 116.5 | 1.3 | . 4 |
| All other residential window sash and frames .................................................................................. |  | 3442-21129 | 06/83 | 157.4 | 157.9 | 159.2 | 4.7 | 8 |
| Nonresidential aluminum window sash and frames ................................. |  | 3442-212 | 06/83 | 138.6 | 137.7 | 137.7 | -2.4 | 0 |
|  |  | 3442-21241 | 06/83 | 149.1 | 149.1 | 149.1 | -6.9 | 0 |
| Projected and awning ............................................................................................................. |  | 3442-21245 | 06/88 | 104.1 | 100.2 | 100.2 | -1.0 | 0 |
| All other nonresidential window sash and frames .................................................................... |  | 3442-21249 | 06/83 | 133.1 | 133.1 | 133.1 | 1.0 | 0 |
| Steel window sash and frames, all types |  | 3442-22 | 06/83 | 113.9 | ${ }^{(3)}$ | 113.9 | (3) | (3) |
|  |  | 3442-221 | 06/83 | 113.9 | ${ }^{(3)}$ | 113.9 | ${ }^{3}$ ) | (3) |
| Metal molding and trim and storefronts ....................................................... |  | 3442-3 | 06/83 | 127.4 | 138.2 | 138.2 | 11.7 | 0 |
| Metal storefronts, sold complete at factory ...................................................................... |  | 3442-351 | 06/83 | 154.7 | 154.7 | 154.7 | -3.3 | 0 |
| Metal combination screen and storm sash and doors ..................... |  | 3442-4 | 06/83 | 126.5 | 126.6 | 126.6 | 2.4 | 0 |
| Metal storm sash .......................................................................... |  | 3442-411 | 06/83 | 134.7 | 134.7 | 134.7 | 2.4 | 0 |
| Aluminum and steel combination screen and storm sash ...................- |  | 3442-412 | 06/83 | 124.8 | 124.8 | 124.9 | . 1 | . 1 |
| Aluminum and steel combination screen and storm doors .................. |  | 3442-413 | 06/83 | 126.1 | 126.2 | 126.3 | 4.6 | . 1 |
| Metal window and door screens and weatherstrip ................................. |  | 3442-5 | 06/83 | 120.1 | 120.1 | 122.4 | 5.5 | 1.9 |
|  |  | 3442-511 | 06/83 | 116.3 | 116.3 | 115.6 | 2.3 | -. 6 |
| Secondary products and miscellaneous receipts ................................................................................... |  | 3442-SM |  |  |  |  |  |  |
|  |  | 3442-M | 07/83 | 105.6 | 105.6 | 105.6 | 3.3 | 0 |
|  |  | 3442-S | 06/83 | 121.1 | 122.8 | 123.2 | 4.6 | . 3 |
| Fabricated plate work ............................................................................... |  |  | 03/80 | 135.4 | 137.3 | 137.4 | 4.6 | . 1 |
| Primary products ........................................................................................................................ |  | 3443-P | 03/80 | 136.8 | 138.8 | 138.6 | 4.3 | -. 1 |
| Heat exchangers and steam condensers .............................................. |  | 3443-1 | 03/80 | 165.1 | 162.3 | 163.1 | 4.7 | . 5 |
| Bare tube heat exchangers .................................................................................................. |  | 3443-111 | 03/80 | 177.6 | 176.1 | 177.0 | 6.5 | . 5 |
| Fin tube heat exchangers.. |  | 3443-115 | 03/80 | 146.0 | 145.7 | 146.7 | 5.4 | . 7 |
| Steam condensers ........... |  | 3443-151 | 03/80 | 169.3 | 155.2 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}{ }^{3}$ |
| Fabricated steel plate |  | 3443-2 | 03/80 | 125.1 | 127.6 | 127.0 | 6.6 | -. 5 |
| Steel plate for trash containers and all other containers ................................................................. |  | 3443-245 | 12/86 | 113.6 | 118.3 | 116.6 | 5.5 | -1.4 |
| Weldments ............................................................................... |  | 3443-251 | 03/80 | 142.0 | 144.6 | 143.5 | 6.9 | -. 8 |
| Other fabricated steel plate .................................................................................................................... |  | 3443-299 | 12/86 | 113.2 | 113.8 | 113.8 | 5.7 | 0 |
| Steel power boilers (over 15 psi ) and parts/attachments Water tube boilers up to $100,000 \mathrm{lbs} . / \mathrm{hr}$. |  | 3443-3 | 03/80 | 107.2 | 111.4 | 109.5 | -4.9 | -1.7 |
|  |  | 3443-31 | 03/80 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Water tube boilers up to $100,000 \mathrm{lbs} . / \mathrm{hr}$. Gas cylinders |  | 3443-4 | 03/80 | 123.5 | 123.8 | 127.1 | 6.4 | 2.7 |
| Carbon steel gas cylinders |  | 3443-412 | 12/86 | 112.5 | 112.5 | 116.7 | 6.8 | 3.7 |
| All other types of gas cylinders |  | 3443-418 | 12/86 | 128.4 | 129.4 | 129.4 | 5.5 | 0 |
| Metal tanks made at plant, standard, pressure .................................... |  | 3443-5 | 03/80 | 120.0 | 120.4 | 120.4 | 3.3 | 0 |
| Metal tanks made at plant, standard, non-pressure ............................... |  | 3443-7 | 03/80 | 126.3 | 128.1 | 127.9 | 5.5 | -. 2 |
| Bulk storage tanks, standard, non-pressure ........................................ |  | 3443-71 | 03/80 | 121.8 | 124.6 | 124.3 | 5.2 | -. 2 |
| Carbon steel storage tanks, 6000 gal. and less ............................. |  | 3443-711 | 03/80 | 122.2 | 128.6 | 128.6 | 10.3 | 0 |
| Carbon steel storage tanks over 6000 gal . .................................... |  | 3443-713 | 03/80 | 124.4 | 124.4 | 124.4 | 2.1 | 0 |
| Custom tanks and vessels made at the plant ...................................... |  | 3443-8 | 03/80 | 138.9 | 142.0 | 142.0 | 10.4 | 0 |
| Carbon steel customized tanks and vessels, non-LPG ......................... |  | 3443-802 | 03/80 | 128.5 | 131.8 | 131.8 | 11.3 | 0 |
| Carbon steel tanks \& vessels, $3 / 4$ inch \& less wall thickness ....................... |  | 3443-80201 | 03/80 | 146.0 | 148.8 | 148.8 | 13.2 | 0 |
| All other types of customized tanks and vessels, non-LPG ................- |  | 3443-804 | 12/86 | 127.3 | 129.3 | 129.3 | 8.5 | 0 |
| All other types of tanks \& vessels, $3 / 4$ inch \& less wall thickness ............... |  | 3443-80401 | 12/86 | 138.8 | 142.1 | 142.1 | 7.7 | 0 |
| Custom tanks and vessels made at plant and field assembled Petroleum storage tanks, field assembled |  | 3443-9 | 03/80 | 126.7 | 127.4 | 127.6 | -1.0 | . 2 |
|  |  | 3443-926 | 03/80 | 112.4 | 113.6 | 113.7 | -1.8 | . 1 |
| Secondary products and miscellaneous receipts ...................................... |  | 3443-SM |  |  |  |  |  |  |
| Sheet metal work | 3444 |  | 12/82 | 127.6 | 128.3 | 128.2 | 4.6 | -. 1 |
| Primary products |  | 3444-P | 12/82 | 124.0 | 125.3 | 125.7 | 5.5 | . 3 |
| Metal roofing and roof drainage equipment |  | 3444-4 | 12/82 | 116.3 | 121.1 | 121.2 | 8.7 | . 1 |
| Metal roofing, steel, all types |  | 3444-411 | 12/82 | 100.5 | 110.0 | 110.0 | 12.7 | 0 |
| Roof drainage equipment including eave troughs, steet ...................... |  | 3444-423 | 12/82 | 161.6 | 159.9 | 160.1 | 4.8 | . 1 |
| Roof drainage equipment including eave troughs, aluminum ................ |  | 3444-429 | 12/82 | 122.8 | 119.8 | 119.9 | 4.5 | 1 |
| Metal flooring and siding ..................................................................... |  | $3444-5$ | 12/82 | 114.0 | 114.4 | 116.3 | 5.9 | 1.7 |
| Metal siding, steel |  | 3444-516 | 12/82 | 109.5 | 110.6 | 114.4 | 16.0 | 3.4 |
| Metal siding, aluminum, for residential use, including mobile homes Noninsulated |  | 3444-517 | 12/82 | 126.4 | 126.3 | 128.4 | 2.9 | 1.7 |
|  |  | 3444-51702 | 12/82 | 126.4 | 126.3 | 128.4 | 2.9 | 1.7 |
| Other sheet metal work .................................................................... |  | 3444-6 | 12/82 | 128.1 | 129.1 | 129.9 | 5.1 | . 6 |
| Cornices, skylights, ceiling domes, copings, and gravel stops |  | 3444-611 | 01/84 | 100.3 | 100.3 | 100.3 | 4.8 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| fndustry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Sheet metal work-Continued | 3446 |  |  |  |  |  |  |  |
| Stovepipe, furnace smokepipe, elbows, and ducts, steel |  | 3444-634 | 12/82 | 119.9 | 120.4 | 123.6 | 7.2 | 2.7 |
| Air-conditioning ducts, including dust collecting ducts, steel ............ |  | 3444-637 | 12/82 | 116.7 | 117.5 | 118.6 | 5.1 | . 9 |
| Restaurant, hotel, and kitchen sheet metal equipment, steel ............... |  | 3444-644 | 12/82 | 181.4 | ${ }^{(3)}$ | 184.9 | 9.1 | $\left({ }^{(3)}\right.$ |
| Metal awnings, canopies, carports, and patios, prefabricated types, aluminum $\qquad$ |  | 3444-646 | 12/82 | 140.4 | 140.4 | 141.5 | 2.9 | . 8 |
| Soffits, fascia, and shutters, aluminum ......................................................................................................... |  | 3444-651 | 12/82 | 138.9 | 126.0 | ${ }^{(3)}$ | ( ${ }^{3}$ ) | ${ }^{(3)}$ |
| Other sheet metal work, steel ................ |  | 3444-662 | 12/82 | 121.6 | 123.4 | 123.6 | 4.9 | . 2 |
| Mail collection or storage boxes .................................. |  | 3444-66201 | 12/87 | 107.7 | 107.7 | (3) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Precision sheet metal parts, not stamped ................................. |  | 3444-66203 | 12/82 | 118.1 | 121.4 | 121.4 | 7.0 | 0 |
| Other steel sheet metal work ................................................... |  | 3444-66209 | 12/82 | 120.2 | 120.9 | 121.4 | 4.1 | . 4 |
| Other sheet metal work, aluminum .................................................. |  | 3444-664 | 12/82 | 133.8 | 134.1 | 135.4 | 5.0 | 1.0 |
| Other sheet metal work of metals other than steel or aluminum |  | 3444-698 | 12/82 | 137.8 | 139.0 | 138.8 | 11.1 | -. 1 |
| Secondary products and miscellaneous receipts ..................................... |  | 3444-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3444-M | 12/82 | 178.0 | 169.4 | 161.1 | -7.0 | -4.9 |
| Resales ...................................................................................... |  | 3444-289 | 08/84 | 175.0 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | (3) |
| Secondary products .......................................................................... |  | 3444-S | 12/82 | 122.8 | 123.2 | 123.4 | 6.4 | 2 |
| Architectural and ornamental metalwork ...................................................... |  |  | 12/83 | 119.8 | 120.4 | 121.1 | 3.9 | . 6 |
| Primary products ................................................................................. |  | 3446-P | 12/83 | 120.5 | 121.0 | 121.8 | 4.4 | . 7 |
| Architectural and ornamental metalwork ........................................ |  | 3446-1 | 12/83 | 120.5 | 121.0 | 121.8 | 4.4 | . 7 |
| Warm air or air conditioning grilles, registers and air diffusers ............. |  | 3446-11 | 12/83 | 108.7 | 108.7 | 108.7 | 1.1 | 0 |
| Iron and steel ............................................................................ |  | 3446-111 | 12/83 | 102.6 | 102.6 | 102.6 | -. 8 | 0 |
| Aluminum .................................................................................... |  | 3446-113 | 12/83 | 116.2 | 116.2 | 116.2 | 3.8 | 0 |
| Stairs .......................................................................................... |  | 3446-13 | 12/83 | 114.3 | 115.5 | 115.5 | 2.4 | 0 |
| Industrial class |  | 3446-131 | 01/84 | 112.6 | 114.9 | 114.9 | ${ }^{(3)}$ | 0 |
| Commercial class ...................................................................... |  | 3446-135 | 12/83 | 121.3 | 121.6 | 121.4 | . 8 | -. 2 |
| Architectural class ...................................................................... |  | 3446-137 | 12/83 | ${ }^{(3)}$ | 106.8 | 106.8 | . 6 | 0 |
| Railings ....................................................................................... |  | 3446-14 | 12/83 | 108.4 | 110.5 | 110.4 | $\left(^{3}\right)$ | -. 1 |
| Steel, excluding stainless steel ............................................... |  | 3446-143 | 12/83 | 108.6 | 112.7 | 112.6 | 3.7 | -. 1 |
| Iron and stainless steel .......... |  | 3446-144 | 12/88 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Other metals, including combinations of metals and other materials. |  | 3446-149 | 12/88 | 100.9 | 101.1 | 101.0 | (3) | -. 1 |
| Grating and grating treads .............................................................. |  | 3446-15 | 12/83 | 132.5 | 133.5 | 135.0 | 4.5 | 1.1 |
| Steel grating and grating treads ... |  | 3446-151 | 12/83 | 132.3 | 133.7 | 135.4 | 5.2 | 1.3 |
| Aluminum grating and grating treads ............................................. |  | 3446-152 | 12/83 | 132.1 | 129.5 | 128.6 | -2.0 | -. 7 |
| Framing material for walls and ceilings (load and non-load bearing studs) $\qquad$ |  | 3446-16 | 12/83 | 121.6 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) |
| Scaffolding and shoring ................................................................. |  | 3446-18 | 12/83 | 111.1 | 111.1 | 112.6 | 3.9 | 1.4 |
| Scaffolding ............... |  | 3446-181 | 12/83 | 110.7 | 110.7 | 112.2 | 4.1 | 1.4 |
| Other architectural and ornamental metalwork .................................. |  | 3446-19 | 12/83 | 117.1 | 117.7 | 117.6 | 5.4 | -. 1 |
| Fences, gates and posts .............................................................. |  | 3446-192 | 12/83 | 114.8 | 115.9 | 115.5 | (3) | -. 3 |
| Window guards ........................................................................... |  | 3446-193 | 12/83 | 126.1 | 127.0 | 126.9 | 4.2 | -. 1 |
| Other architectural and ornamental metalwork ................................. |  | 3446-199 | 12/83 | 115.3 | 115.7 | 115.6 | 2.3 | -. 1 |
| Iron and stainless steel |  | 3446-19912 | 12/88 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Steel, excluding stainless steel .................................................. |  | 3446-19913 | 12/83 | 114.3 | 115.1 | 115.1 | 4.0 | 0 |
| Other metais ........................................................................... |  | 3446-19914 | 12/88 | 101.7 | 101.5 | 101.5 | (3) | 0 |
|  |  | 3446-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | 3446-M | 12/84 | 100.0 | 100.0 | $\left(^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Secondary products .......................................................................... |  | 3446-S | 12/83 | 118.4 | 119.6 | 119.7 | 2.0 | . 1 |
| Fabricated structural metal ............................................................. |  | 3441-S | 12/83 | 124.0 | ${ }^{(3)}$ | 128.0 | 3.2 | $\left({ }^{3}\right)$ |
| Metal doors, sash and trim |  | 3442-S | 12/83 | 117.7 | 117.7 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Other secondary products .............................................................. |  | 3446-SSS | 12/83 | 123.6 | 123.7 | 123.7 | 2.1 | 0 |
| Prefabricated metal buildings ...................................................................... | 3448 |  | 12/81 | 112.1 | 113.3 | 113.4 | 4.9 | . 1 |
| Primary products ............................................................................... |  | 3448-P | 12/81 | 111.1 | 112.4 | 112.1 | 4.2 | -. 3 |
| Prefab. metal bidg. sys., excl. farm service bidgs., resid. bidgs., \& parts for prefab. bldgs $\qquad$ |  | 3448-1 | 12/81 | 109.0 | 109.9 | 109.4 | 4.2 | -. 5 |
| Industrial and commercial ............................................................... |  | 3448-115 | 12/81 | 108.9 | 110.1 | 109.4 | 4.2 | -. 6 |
| Industrial |  | 3448-11512 | 12/87 | 102.3 | 102.4 | 103.3 | 3.7 | . 9 |
| Commercial .............................................................................. |  | 3448-11514 | 12/87 | 106.8 | 108.3 | 107.0 | 4.4 | -1.2 |
| Institutional, medical, religious, public \& educational ........................... |  | 3448-118 | 12/87 | 105.1 | 104.2 | 105.3 | 4.3 | 1.1 |
| Other prefabricated and portable metal buildings and parts .................... |  | 3448-2 | 12/81 | 114.8 | 116.7 | 117.1 | 4.1 | . 3 |
| Other farm service bidgs., steel and aluminum, excl. wood frame bidgs $\qquad$ |  | 3448-215 | 12/81 | 110.7 | 116.0 | 114.9 | (3) | -. 9 |
| Small utility bidgs., incl. tool sheds, cabanas, storage houses, etc., steel and aluminum |  | 3448-221 | 12/81 | 117.8 | 117.8 | 117.8 | . 9 | 0 |
| Steel ....................................................................................... |  | 3448-22117 | 12/87 | 109.5 | 109.4 | 109.5 | 4.4 | . 1 |
| Dwellings and other non-farm bldgs. incl. vacation homes, etc.; steel and aluminum $\qquad$ |  | 3448-235 | 12/81 | 133.2 | 136.8 | 136.9 | 8.8 | . 1 |
| Aluminum .................................................................................... |  | 3448-23516 | 12/87 | 111.6 | 114.7 | 114.7 | 8.7 | 0 |
| Steel ......................................................................................... |  | 3448-23518 | 12/87 | 107.3 | 109.1 | 110.0 | 9.0 | . 8 |
| Panels, parts, or sections for prefab. bidgs., not sold as a complete unit, steel \& aluminum $\qquad$ |  | 3448-254 | 12/81 | 107.2 | 108.6 | 110.6 | 3.0 | 1.8 |
| Secondary products and miscelianeous receipts ....................................... |  | $3448-$ SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 3448-S | 12/81 | 132.0 | 132.0 | 139.0 | 23.9 | 5.3 |
| Miscellaneous metal work ......................................................................... | 3449 |  | 12/84 | 111.7 | 109.9 | 109.5 | 1.7 | -. 4 |
| Primary products ................................................................................ |  | 3449-P | 12/84 | 112.3 | 109.9 | 108.9 | . 2 | -. 9 |
| Bar joists and fabricated concrete reinforcing bars ............................... |  | 3449-4 | 12/84 | 105.8 | 102.3 | 101.3 | -. 3 | -1.0 |
| Fabricated concrete reinforcing bars ............................................... |  | 3449-452 | 12/84 | 108.5 | ${ }^{(3)}$ | 107.1 | 2.1 | $\left({ }^{3}\right)$ |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Miscellaneous metal work-Continued <br> Other miscellaneous metal building materials and curtain wall $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ | 345 | $\begin{aligned} & 3449-5 \\ & 3449-S M \\ & 3449-S \end{aligned}$ | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ | 124.5 110.6 | 124.4 | 123.1 (3) | (3) | -1.0 (3) |
| Screw machine products, and bolts, nuts, screws, rivets, and washers $\qquad$ |  |  | 12/84 | 107.4 | 109.5 | 109.6 | 4.7 | . 1 |
| Screw machine products | 3451 |  | 12/83 | 116.4 | 117.4 | 117.8 | 4.5 | . 3 |
| Primary products ............................................................................ |  | 3451-P | 12/83 | 117.3 | 118.3 | 118.7 | 4.7 | . 3 |
| Automotive screw machine products .................................................. |  | 3451-1 | 12/83 | 118.9 | 119.8 | 119.9 | 3.4 | . 1 |
| Other screw machine products ......................................................... |  | 3451-2 | 12/83 | 116.2 | 117.3 | 117.9 | 5.5 | . 5 |
| Aircratt. ..................................................................................... |  | 3451-222 | 12/83 | 98.7 | 98.7 | 101.6 | ${ }^{(3)}$ | 2.9 |
| Ordnance |  | 3451-223 | 12/83 | 148.4 | 148.4 | 148.4 | 1.6 | 0 |
| Household appliances, including radio and television. |  | 3451-242 | 12/83 | 141.6 | 141.8 | 144.1 | 11.9 | 1.6 |
| Electric and electronic equipment .................................................. |  | 3451-252 | 12/88 | 105.3 | 105.7 | 106.1 | (3) | . 4 |
| Machinery .................................................................................... |  | 3451-262 | 12/83 | 102.3 | 103.9 | 103.5 | 1.8 | -. 4 |
| All other end uses, except automotive ......................................... |  | 3451-298 | 12/83 | 112.4 | 114.1 | 114.5 | 5.3 | . 4 |
| Secondary products ...................................................................... |  | 3451-S | 12/83 | 104.5 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Bolts, nuts, screws, rivets, and washers.. | 3452 |  | 06/82 | 108.7 | 111.5 | 111.5 | 5.0 | 0 |
| Primary products ................................................................................ |  | 3452-P | 06/82 | 108.0 | 111.1 | 111.0 | 5.0 | -. 1 |
| Externally threaded fasteners, except aircraft. ....................................... |  | 3452-4 | 06/82 | 110.8 | 111.9 | 111.7 | 1.8 | -. 2 |
| Hex bolts, including heavy, tap, and joint ......................................... |  | 3452-412 | 06/82 | 96.0 | 96.5 | 96.5 | 1.3 | 0 |
| Square and round bolts and plow numbers 3, 4, 6, 7, and track .......... |  | 3452-413 | 06/82 | 112.2 | 112.2 | 110.3 | -1.9 | -1.7 |
| Studs ......................................................................................... |  | 3452-421 | 06/82 | 102.1 | 104.8 | 105.2 | 6.2 | . 4 |
| Flanged, self-locking, set, lag, and wood screws .............................. |  | 3452-433 | 12/87 | 106.9 | 107.5 | 107.5 | 1.3 | 0 |
| Cap screws .................................................................................. |  | 3452-436 | 12/87 | 111.0 | 110.4 | 110.6 | 8.0 | . 2 |
| Machine screws ........................................................................... |  | 3452-437 | 06/82 | 109.6 | 107.8 | 109.4 | 2.4 | 1.5 |
| Thread-forming tapping screws .................................................. |  | 3452-441 | 06/82 | 111.2 | 111.7 | 111.7 | 2.1 | 0 |
| Thread-cutting, self-drilling, and thread-rolling screws .......................... |  | $3452-442$ | 06/82 | 103.9 | 103.9 | 103.9 | 2.7 | 0 |
| Other externally threaded fasteners, except aircraft. .......................... |  | 3452-469 | 06/82 | 115.1 | 114.4 | 114.1 | . 8 | -. 3 |
| Internally threaded fasteners, except aircraft. ....................................... |  | 3452-5 | 06/82. | 97.5 | 99.3 | 99.3 | 3.2 | 0 |
| Flanged, square, sheet metal, weld, wing, and cage nuts .................... |  | 3452-501 | 06/82 | 114.2 | 115.6 | 115.6 | 3.1 | 0 |
| Hex nuts .................................................................................... |  | 3452-502 | 06/82 | 93.2 | 96.1 | 96.1 | 4.3 | 0 |
| Locknuts: prevailing torque and free spinning ...................................... |  | 3452-511 | 06/82 | 114.3 | 115.6 | 115.6 | 2.9 | 0 |
| Other internally threaded fasteners, including all nonmetallic .............. |  | 3452-539 | 06/82 | 113.8 | 113.8 | 113.8 | 1.6 | 0 |
| Nonthreaded fasteners, except aircraft. ............................................... |  | 3452-6 | 06/82 | 110.5 | 110.5 | 110.6 | 5.2 | . 1 |
| Solid rivets, all sizes ..................................................................... |  | 3452-601 | 06/82 | 106.4 | 105.7 | 105.8 | 3.1 | . 1 |
| Tubular, split, and blind rivets ......................................................... |  | 3452-603 | 06/82 | 108.9 | 108.9 | 108.9 | 7.2 | 0 |
| Pins, machine type ....................................................................... |  | 3452-621 | 06/82 | 104.2 | 104.2 | 104.2 | -1.9 | 0 |
| Washers, all types ......................................................................... |  | 3452-631 | 06/82 | 103.9 | 104.6 | 104.6 | 2.2 | 0 |
| Other nonthreaded fasteners, including all nonmetallic ....................... |  | $3452-649$ | 06/82 | 120.0 | 120.0 | 120.0 | 8.5 | 0 |
| Aircraft/aerospace fasteners ............................................................ |  | 3452-7 | 06/82 | 107.4 | 122.0 | 122.1 | 16.2 | . 1 |
| Bolts, all KSI tensile ........................... |  | 3452-701 | 06/82 | 115.4 | 115.4 | 115.4 | 4.0 | 0 |
| Screws, all types, and studs, all types ............................................... |  | 3452-712 | 12/87 | 103.4 | 138.9 | 138.9 | 36.3 | 0 |
| Nuts, all types .......................................................................... |  | 3452-731 | 06/82 | 106.4 | 108.9 | 108.9 | 4.6 | ${ }^{0}$ |
| Washers, all types ...................................................................... |  | 3452-761 | 12/87 | 111.2 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) |
| Pins, all types ............................. |  | 3452-763 | 06/82 | 119.8 | 129.6 | 133.0 | 21.8 | 2.6 |
| Other formed fasteners ................................................................ |  | 3452-8 | 06/82 | 105.6 | 105.6 | 105.6 | 3.4 | . 0 |
| All other, including ordnance ......................................................... |  | 3452-898 | 04/84 | 107.0 | 107.0 | 107.0 | -1.4 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3452-SM |  |  |  |  |  |  |
| Miscellaneous receipts ......................................................................... |  | $3452-\mathrm{M}$ | 06/82 | 122.7 | 124.0 | 124.6 | 16.2 | . 5 |
| Secondary products ..................................................................... |  | 3452-S | 06/82 | 106.0 | 105.2 | 105.2 | -6.7 | 0 |
| Metal forgings and stampings ................................................................................ | 346 |  | 12/84 | 106.4 | 107.1 | 107.4 | 4.7 | . 3 |
| Iron and steel forgings ................................................................................ | 3462 |  | 12/83 | 106.5 | 106.2 | 107.2 | 8.2 | . 9 |
| Primary products ................................................................................ |  | 3462-P | 12/83 | 107.7 | 107.3 | 108.4 | 7.8 | 1.0 |
| Hot impression die impact, press and upset ferrous forgings ................. |  | 3462.5 | 12/83 | 107.8 | 108.6 | 108.7 | 8.2 | . 1 |
| Carbon steel ................................................................................ |  | 3462-511 | 12/83 | 110.8 | 111.3 | 111.3 | 5.4 | 0 |
| Alloy steel, except stainless and high-temperature ............................. |  | 3462-513 | 12/83 | 106.2 | 107.7 | 107.7 | 5.6 | 0 |
| Stainless steel ............................................................................. |  | 3462-515 | 12/83 | 112.1 | (3) | 118.2 | 20.9 | $\left({ }^{3}\right)$ |
| High-temperature iron, nickel and cobalt-base alloys .......................... |  | 3462-517 | 12/83 | 100.0 | (3) | 100.0 | 24.8 | ${ }^{(3)}$ |
| Cold impression die impact, press and upset fenous forgings |  | 3462-6 | 12/83 | 122.1 | ${ }^{(3)}$ | 122.1 | 17.5 | $\left.{ }^{3}\right)$ |
| Carbon steel |  | 3462-611 | 12/83 | 134.7 | ${ }^{3}$ ) | 134.7 | 22.8 | (3) |
| Seamless rolled-ring ferrous forgings .................................................. |  | 3462-7 | 12/83 | 105.4 | 105.7 | 106.5 | 6.1 | . 8 |
| Open die or smith (hammer or press) ferrous forgings ........................... |  | 3462-8 | 12/83 | 100.5 | 100.9 | 99.9 | . 1 | -1.0 |
| Carbon steel ................................................................................ |  | 3462-811 | 12/83 | 96.5 | 96.3 | 96.3 | . 4 | 0 |
| Alloy steel, except stainless and high-temperature ................................ |  | 3462-813 | 12/83 | 99.0 | 99.7 | 98.3 | -1.4 | -1.4 |
| Secondary products and miscellaneous receipts |  | 3462-SM |  | 95.6 | 96.4 |  |  |  |
| Secondary products |  | 3462-S | 12/83 |  |  | 96.7 | 13.0 | . 3 |
| Nonferrous forgings ...................................................................................... | 3463 |  | 12/83 | 116.7 | 116.9 | 116.8 | 5.2 | -. 1 |
| Primary products ................................................................................. |  | 3463-P | 12/83 | 120.9 | 121.2 | 121.0 | 6.3 | -. 2 |
| Hot impression die impact, press and upset nonferrous forgings ............ |  | 3463-5 | 12/83 | 119.0 | 119.8 | 119.6 | 5.5 | -. 2 |
| Aluminum and aluminum alloy ......................................................... |  | 3463-521 | 12/83 | 131.6 | 132.5 | 132.9 | 5.8 | . 3 |
| Titanium and titanium alloy |  | 3463-523 | 12/83 | 92.1 | (3) | 92.5 | 2.3 | $\left.{ }^{3}\right)$ |
| Copper and copper alloy ................................................................. |  | 3463-525 | 12/83 | 141.8 | 140.8 |  |  |  |
| Cold impression die impact, press and upset nonferrous forgings ........................................... |  | $3463-6$ $3463-621$ | $12 / 83$ $12 / 83$ | 124.2 124.2 | (3) (3) | $\left({ }^{3}\right)$ $\left.{ }^{3}{ }^{3}\right)$ | (3) (3) | (3) (3) |
| Aluminum and aluminum alloy .............................................................. |  | 3463-621 | 12/83 | 124.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | ( ${ }^{\text {a }}$ |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Automotive stampings | 3465 |  | 12/82 | 109.7 | 110.0 | 110.0 | 1.8 | 0 |
| Primary products. |  | 3465-P | 12/82 | 109.3 | 109.6 | 109.7 | 1.9 | . 1 |
| Original equipment automotive stampings ............................................ |  | 3465-1 | 12/82 | 108.7 | 108.8 | 108.9 | 1.6 | . 1 |
| Passenger car stampings ............................................................... |  | 3465-111 | 12/82 | 109.0 | 109.2 | 109.2 | 1.8 | 0 |
| Body panels ................................................................... |  | 3465-11111 | 12/82 | 105.7 | 105.7 | 105.9 | . 9 | 2 |
| Chassis parts .................................................................... |  | 3465-11112 | 12/82 | 116.6 | 117.1 | 117.1 | 3.9 | 0 |
| Truck and bus stampings ............................................................... |  | 3465-113 | 12/82 | 105.9 | 106.0 | 106.0 | . 3 | 0 |
| Body panels ............................................................................. |  | 3465-11313 | 12/82 | 105.0 | 105.0 | 105.0 | 0 | 0 |
| Chassis parts |  | 3465-11314 | 12/82 | 108.0 | 108.2 | 108.2 | . 7 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 3465-SM |  |  |  |  |  |  |
| Secondary products ...................................................................................... |  | 3465-S | 12/82 | 111.0 | 111.2 | 111.2 | 2.5 | 0 |
| Metal crowns and closures | 3466 |  | 12/83 | 113.4 | 114.3 | 116.1 | 6.5 | 1.6 |
| Primary products |  | 3466-P | 12/83 | 113.0 | 114.0 | 115.8 | 6.5 | 1.6 |
| Metal commercial closures(caps) |  | 3466-1 | 12/83 | 113.1 | 114.2 | 117.2 | 12.4 | 2.6 |
| Screw thread and lug type(nonvacuum) ........................................ |  | 3466-103 | 12/83 | 111.6 | 111.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Tin mill products ............................... |  | 3466-10331 | 12/83 | 111.6 | 111.8 | $\left.{ }^{3}\right)$ | (3) | ${ }^{9}$ ) |
| Metal caps (vacuum) ...................... |  | 3466-142 | 12/83 | 114.4 | 116.4 | 116.4 | 9.1 | 0 |
| Continuous thread |  | 3466-14244 | 12/83 | 99.8 | 103.0 | 103.0 | 6.6 | 0 |
| Other metal closures, except crowns |  | 3466-3 | 12/83 | 108.3 | 108.3 | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | (3) |
| All other metal closures, (roillons, snips, tabs,etc.) ...... |  | 3466-364 | 12/83 | 108.2 | 108.2 | (3) | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Soft drink ............................................................................... |  | 3466-36411 | 12/83 | 108.2 | 108.2 | (3) | $\left.{ }^{3}\right)$ | ${ }^{3}$ ) |
| Metal crowns.. |  | 3466-4 | 12/83 | 113.8 | 114.2 | 115.6 | 5.4 | 1.2 |
| Soft drink containers ........................................................... |  | 3466-415 | 12/83 | 113.5 | 114.4 | 117.1 | 5.0 | 2.4 |
| Conventional type ........................................................... |  | 3466-41517 | 12/83 | 111.3 | 112.2 | 114.8 | 5.0 | 2.3 |
| Metal stampings, n.e.c. ...................................................................... | 3469 |  | 06/84 | 116.9 | 118.7 | 119.0 | 6.5 | . 3 |
| Primary products ....................................................................... |  | 3469-P | 06/84 | 116.2 | 118.3 | 118.5 | 7.1 | . 2 |
| Job stampings, except automotive ....................................... |  | 3469-2 | 06/84 | 117.1 | 117.6 | 117.9 | 5.6 | . 3 |
| Recreational vehicle stampings ( motor homes, travel trailers, etc. ) |  | 3469-201 | 12/88 | 100.0 | 104.9 | 104.9 | ${ }^{(3)}$ | 0 |
| Motor and generator stampings ...................................................... |  | 3469-205 | 12/88 | 100.0 | 100.0 | 101.4 | ${ }^{(3)}$ | 1.4 |
| Aviation stampings ....................................................................... |  | 3469-211 | 06/84 | 110.8 | 111.0 | 111.0 | 8.2 | 0 |
| Agricultural equipment stampings ... |  | 3469-215 | 06/84 | 117.6 | 117.0 | 117.5 | ${ }^{3}$ ) | 4 |
| Electrical equipment stampings, except refrigerator and laundry .......... |  | 3469-225 | 06/84 | 112.2 | 112.1 | 112.1 | 2.3 | 0 |
| Furniture stampings ....................................................................... |  | 3469-231 | 06/84 | 108.7 | 108.7 | 108.7 | $(3)^{3}$ | 0 |
| Office machine stampings. |  | 3469-241 | 06/84 | 114.3 | 115.7 | 115.7 | 5.9 | 0 |
| Radio, television and phonograph stampings... |  | 3469-251 | 12/88 | 106.1 | 106.3 | 106.9 | $\left({ }^{3}\right)$ | . 6 |
| Stove, heater and air conditioner stampings ................................ |  | 3469-271 | 06/84 | 115.7 | 114.8 | 114.8 | 2.4 | 0 |
| Other industrial equipment stampings ............................................... |  | 3469-289 | 06/84 | 122.4 | 123.0 | 124.2 | 5.0 | 1.0 |
| Other job stampings |  | 3469-298 | 06/84 | 118.3 | 118.4 | 118.4 | 6.6 | 0 |
| Stamped and spun utensils, cooking and kitchen, aluminum .................. |  | 3469-4 | 06/84 | 119.8 | 139.1 | 142.5 | 23.0 | 2.4 |
| Stamped and spun utensils, cooking and kitchen, except aluminum $\qquad$ Other utensils, including commercial, hospital and outdoor, stainless |  | 3469-5 | 06/84 | 109.8 | 109.7 | 109.7 | 3.2 | . 0 |
| steel ................................................................................ |  | 3469-515 | 10/84 | 135.6 | 133.8 | 133.8 | $\left({ }^{3}\right)$ | 0 |
| Other stamped and spun utensils, cooking and kitchen, including vitreous enamel $\qquad$ |  | 3469-598 | 06/84 | 126.9 | 127.5 | 127.5 | 2.6 | 0 |
| Other stamped and pressed metal end products ................................. |  | 3469-9 | 06/84 | 115.6 | 116.1 | 115.2 | 6.0 | -. 8 |
| Other stamped and pressed metal end products ................................. |  | 3469-998 | 06/84 | 112.7 | 114.0 | 114.0 | 10.0 | 0 |
| Secondary products and miscellaneous receipts .......................................... |  | 3469-SM |  |  |  |  |  |  |
| Secondary products ............................................................................... |  | 3469-S | 06/84 | 120.1 | 120.6 | 120.8 | 3.8 | . 2 |
| Coating, engraving, and allied services ................................................................. | 347 |  | 12/84 | 115.2 | 116.2 | 115.9 | 4.5 | -. 3 |
| Metal plating and polishing | 3471 |  | 12/84 | 116.6 | 117.2 | 117.4 | 5.6 | 2 |
| Primary products ......... |  | 3471-P | 12/84 | 117.1 | 117.7 | 117.9 | 5.8 | . 2 |
| Metal plating and polishing ............................................................ |  | 3471-1 | 12/84 | 117.1 | 117.7 | 117.9 | 5.8 | . 2 |
| Electroplating-rack ........................................................................ |  | 3471-101 | 12/84 | 116.0 | 115.7 | 115.8 | 4.0 | . 1 |
| Electroplating-barrel ....................................... |  | 3471-102 | 12/84 | 122.6 | 122.6 | 124.2 | 13.7 | 1.3 |
| Engineering plating - hard chrome, hard nickel .................. |  | 3471-103 | 12/84 | 115.9 | 117.1 | 117.1 | 3.2 | 0 |
| Anodizing ....................................................................... |  | 3471-104 | 12/84 | 119.5 | 122.2 | 121.3 | 7.3 | -. 7 |
| Hard coat anodizing .................................................... |  | 3471-10431 | 12/84 | 115.5 | ${ }^{(3)}$ | 115.5 | 3.6 | ${ }^{(3)}$ |
| Other anodizing ............................................................... |  | 3471-10432 | 12/84 | 120.4 | 123.8 | 122.7 | 8.1 | -. 9 |
| Mechanical surface preparation ......................................... |  | 3471-105 | 12/84 | 110.0 | 110.7 | 111.1 | 1.0 | 4 |
| Polishing and buffing ............................................................. |  | 3471-10541 | 12/84 | 109.1 | 109.7 | 110.1 | 4 | 4 |
| Other surface finishing ................................................................ |  | 3471-10543 | 12/84 | 119.9 | 121.8 | 121.8 | 8.2 | 0 |
| Other plating .............................................................................. |  | 3471-106 | 12/84 | 114.2 | 114.4 | 115.3 | 3.0 | 8 |
| Secondary products and miscellaneous receipts |  | 3471-SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | 3471-S | 12/84 | 108.2 | 110.2 | 109.1 | . 8 | -1.0 |
| Metal coating and allied services ............................................................... | 3479 |  | 12/84 | 113.4 | 114.7 | 114.0 | 3.2 | -. 6 |
| Primary products .......................................................................... |  | 3479-P | 12/84 | 114.6 | 115.8 | 115.0 | 3.2 | -. 7 |
| Metal coating and allied services .................................................. |  | 3479-1 | 12/84 | 114.6 | 115.8 | 115.0 | 3.2 | -. 7 |
| Printing, etching and engraving metal nameplates .............................. |  | 3479-101 | 12/84 | 121.7 | 121.8 | 121.8 | 5.6 | 0 |
| Other printing, etching and engraving ................................................... |  | 3479-102 | 12/84 | 153.8 | 157.6 | 157.6 | 4.0 | 0 |
| Galvanizing and other hot dip coating ................................................... |  | 3479-103 | 12/84 | 120.5 | 122.5 | 120.1 | 6.6 | -2.0 |
| After fabrication galvanizing, excluding all steel company operations |  | 3479-10312 | 12/84 | 127.8 | 129.7 | 126.9 | 10.3 | -2.2 |
| Hot dip coating other than zinc ..................................................... |  | 3479-10314 | 12/84 | 113.1 | 114.9 | 114.3 | 3.3 | -. 5 |
| Organic coatings ......................................................................... |  | 3479-104 | 12/84 | 108.7 | 109.4 | 109.4 | 1.1 | 0 |
| Spray coating, including electrostatic coating .................................. |  | 3479-10422 | 12/84 | 113.2 | 114.5 | 114.3 | 2.2 | -. 2 |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product $\operatorname{cod} \theta$ | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Metal coating and allied services-Continued <br> All other organic coating $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ | 348 | $\begin{aligned} & 3479-10423 \\ & 3479-S M \\ & 3479-S \end{aligned}$ |  | 106.9 | 107.9 | 107.9 | 5.7 | 0 |
|  |  |  | 12/84 |  |  |  |  |  |
|  |  |  |  |  | 106.7 |  |  |  |
|  |  |  | 12/84 | 104.6 |  | 106.7 | 2.9 | 0 |
| Ordnance and accessories, except vehicles and guided missiles ..................... |  |  | 06/85 | 109.8 | 110.0 | 110.3 | 2.5 | . 3 |
| Small arms ammunition,30mm and under ........................................................... | 3482 |  | 06/85 | 106.0 | 108.5 | 110.6 | 5.1 | 1.9 |
| Primary products ................................................................................ |  | 3482-P | 06/85 | 107.5 | 110.5 | 113.0 | 6.4 | 2.3 |
| Cartridges for small firearms (rifles and sidearms) $\qquad$ Centerfire pistols, including cartridges interchangeable between |  | 3482-1 | 06/85 | 98.9 | 101.3 | 103.1 | 3.5 | 1.8 |
| rifles and pistols .............................................................................. |  | 3482-114 | 06/85 | 114.2 | 114.3 | 114.2 | 1.2 | -. 1 |
| Shipped to government (Federal, State, and local) .................. |  | 3482-11441 | 06/85 | 112.2 | 112.3 | 112.3 | 3.4 | 0 |
| Ammunition components ............................................ |  | 3482-3 | 06/85 | 103.1 | 108.7 | 108.5 | 6.3 | -. 2 |
| Wads, shot cases (primed or unprimed), bullets, bullet jackets, and cases $\qquad$ |  | 3482-369 | 06/85 | 103.7 | 110.2 | 109.9 | 7.2 | -. 3 |
| Ammunition, except small arms, n.e.c. | 3483 |  | $12 / 85$ $12 / 85$ | 105.1 100.5 | 105.2 100.7 | 104.0 98.7 | .5 .8 | -1.1 -2.0 |
| Primary products ................................................................................ |  | $3483-\mathrm{P}$ $3483-1$ | 12/85 | 100.5 | 100.7 | 98.7 | . 8 | -2.0 0 |
|  |  | ${ }_{34833-111}$ | 12/85 | 101.3 90.9 | ${ }^{13}{ }^{3}$ | ${ }_{\text {(3) }}$ | (3) | (3) |
| Complete rounds, loaded $\qquad$ <br> Artillery component parts $\qquad$ |  | 3483-111 | 12/85 | 104.3 | (3) | 104.3 | -5.6 | (3) |
| Primers ................................................................................. |  | 3483-17111 | 12/85 | 88.2 | (3) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Fuses ...... |  | 3483-17114 | 12/85 | 101.2 | $\left({ }^{3}\right)$ | 101.2 | -6.8 | $\left({ }^{3}\right)$ |
| Ammunition, except for small arms, n.e.c. ................................................ |  | 3483-3 | 12/85 | 99.5 | 99.9 | 95.5 | -. 8 | 4.4 |
| Other ammunition and ammunition parts, n.e.c., except small arms ..... |  | 3483-341 | 12/85 | 113.2 | 111.6 | 111.7 | -1.6 |  |
| Small arms, 30 mm and under | 3484 | - | 06/85 | 120.0 | 120.9 | 120.9 | 6.2 | 0 |
| Primary products |  | 3484-P | 06/85 | 120.5 | 121.6 | 121.6 | 6.5 | 0 |
| Pistols and revolvers ................................................................... |  | 3484-2 | 06/85 | 121.2 | 121.4 | 121.4 | 3.7 | 0 |
| Centerfire pistols and revolvers |  | $\begin{aligned} & 3484-201 \\ & 3484-202 \end{aligned}$ | 06/85 | 118.1 | 118.1 | 118.1 | 4.3 | 0 |
| Rimfire pistols and revolvers .... |  |  | 06/85 | 132.0 | 133.1 | 133.1 | 1.7 |  |
| Rifles ...................................... |  | $\begin{aligned} & 3484-3 \\ & 3484-301 \end{aligned}$ | 06/85 | 118.4 | 122.0 | 122.0 | 5.3 | 0 |
| Centerfire rifles |  |  | 06/85 | 116.5 | $\begin{gathered} 119.8 \\ \left(^{3}\right) \end{gathered}$ | ${ }^{119.8}$ | ${ }^{4.5}$ | (3) ${ }^{0}$ |
| Semiautomatic centerfire rifles ........................................ |  | $\begin{aligned} & 3484-301 \\ & 3484-30121 \end{aligned}$ | 06/85 | 117.4 |  |  |  |  |
| Shotguns ..................................... |  | 3484-4 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 123.2 | 123.2 | 123.2 | 6.6 | () |
| Repeating shotguns .................................................................. |  | 3484-401 |  | 123.9 | 123.9 | 123.9 | 7.5 | 0 |
| Other small arms ...................................................................... |  | 3484-5 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 116.3 | 116.3 | $\begin{aligned} & 116.3 \\ & 116.3 \end{aligned}$ | 5.1 | 0 |
| Other small arms ............................... |  | 3484-501 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 116.3 | 116.3 |  | 5.1 | . 0 |
| Parts and attachments for small arms ............................................ |  | 3484-6 |  | 116.7 | 118.5 | 118.5 | 7.4 | 0 |
| Parts and attachments for small arms .............................................. |  | 3484-601 | 06/85 <br> 06/85 | 116.7 | 118.5 | 118.5 | 7.4 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | $\begin{aligned} & 3484-S M \\ & 3484-S \end{aligned}$ |  |  |  |  |  |  |
| Secondary products .......................................................................... |  |  |  | 113.6 | $\left.{ }^{3}\right)$ | 113.6 | 0 | ${ }^{(3)}$ |
| Ordnance and accessories, n.e.c. | 3489 | 3489-P | 12/85 | 101.0 | $\begin{aligned} & 99.6 \\ & 95.0 \end{aligned}$ | 101.098.2 | 1.0.4 | $\begin{aligned} & 1.4 \\ & 3.4 \end{aligned}$ |
| Primary products |  |  | 12/85 | 98.2 |  |  |  |  |
| Ordnance and accessories, n.e.c., incl. rocket projectors, torpedo tubes, and their parts |  | 3489-2 | 12/85 | 94.4 | 90.8 | 94.4 | -2.8 | 4.0 |
| Ordnance and accessories, n.e.c., and their parts .............................. |  | $\begin{aligned} & 3489-201 \\ & 3489-20121 \\ & 3489-S M \\ & 3489-S \end{aligned}$ | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | $\begin{aligned} & 94.4 \\ & 93.6 \end{aligned}$ | 90.8 | 94.4 | -2.8 | 4.0 |
| Ordnance and accessories, n.e.c., and their parts - domestic sales Secondary products and miscellaneous receipts |  |  |  |  | 88.9 | 93.7 | -2.4 | 5.4 |
| Secondary products |  |  | 12/85 | 117.0 | 117.0 | 117.0 | 6.7 | 0 |
| Miscellaneous fabricated metal products ........................................................... | 349 | 3489-S | $12 / 84$ | 116.4 | 117.4 | 117.2 | 5.1 | -. 2 |
| Steel springs, except wire ......................................................................... | 3493 | 3493-P | 06/81 06/81 | 111.1 | 111.7 | 111.8 | 2.2 | . 1 |
| Primary products ................................................................................ |  |  |  | 109.7 | 110.6 | 110.6 | 1.8 | 0 |
| Hot formed springs ......................................................................... |  | 3493-1 | 06/81 | 108.5 | 109.0 | 109.0 | 1.5 | 0 |
| Hot formed coil springs .................................................................. |  | 3493-121 | 06/81 | 108.0 | 108.8 | 108.8 | 2.2 | 0 |
| Locomotive, railroad car, and other helical springs .......................... |  | 3493-12116 | 06/81 | 117.7 | 117.7 | 117.7 | 4.3 | 0 |
| Hot formed leaf springs ................................................................ |  | 3493-131 | 06/81 | 106.8 | 107.1 | 107.1 | . 9 | 0 |
| Replacement leaf springs (including exports) for cars, buses, and trucks |  | 3493-13151 | 06/81 | 112.4 | 112.4 | 112.4 | 1.2 | 0 |
| Original equipment leaf springs other than for passenger cars ......... |  | 3493-13158 | 06/81 | 100.6 | 101.1 | 101.1 | . 5 | 0 |
| Cold formed springs .......................................................................... |  | 3493-2 |  |  |  |  |  |  |
| Cold formed flat springs made of sheet and strip ............................... |  | 3493-271 | 06/81 | 115.6 | 118.4 | 118.4 | 3.7 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 3493-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................. |  | 3493-M | 06/81 | 124.4 | 117.7 | 117.7 | -7.6 | 0 |
| Secondary products ........................................................................ |  | 3493-S | 06/81 | 116.3 | 116.3 | 116.5 | 4.6 | . 2 |
| Valves and pipe fittings ............................................................................ | 3494 |  | 12/82 | 121.3 | 123.2 | 122.9 | 7.5 | -. 2 |
| Primary products ............................................................................... |  | 3494-P | 12/82 | 121.8 | 123.8 | 123.6 | 7.9 | -. 2 |
| Fluid power valves .......................................................................... |  | 3494-2 | 12/82 | 116.7 | 117.1 | 117.1 | 4.4 | 0 |
| Hydraulic valves ............................................................................ |  | 3494-212 | 12/82 | 111.0 | 111.5 | 111.5 | 2.9 | 0 |
| Manually operated directional control valves .................................. |  | 3494-21201 | 12/82 | 113.7 | 114.7 | 114.7 | 6.2 | 0 |
| Solenoid operated directional control valves .................................. |  | 3494-21202 | 12/82 | 102.0 | 102.7 | 102.7 | 1.4 | 0 |
| Other directional control valves .................................................... |  | 3494-21203 | 12/82 | 107.6 | 108.2 | 108.2 | 1.0 | 0 |
| Flow control valves (including check valves) ............................... |  | 3494-21205 | 12/82 | 114.5 | 114.5 | 114.5 | 3.7 | 0 |
| Servovalves and combination valves ............................................ |  | 3494-21206 | 12/82 | 110.5 | ${ }^{(3)}$ | 110.5 | . 3 | $\left({ }^{3}\right)$ |
| Other hydraulic valves ................................................................... |  | 3494-21207 | 12/82 | 113.0 | 113.0 | 113.0 | 0 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Valves and pipe fittings-Continued |  |  |  |  |  |  |  |  |
| Pneumatic valves |  | 3494-224 | 12/82 | 129.5 | 129.5 | 129.5 | 7.3 | 0 |
| Pressure control valves ... |  | 3494-22403 | 12/82 | 136.4 | 136.4 | 136.4 | 6.1 | 0 |
| Other pneumatic valves |  | 3494-22405 | 12/82 | 127.3 | 127.3 | 127.3 | 8.7 | 0 |
| Metal valves for piping systems and equipment, except plumbing and heating valves $\qquad$ |  | 3494-3 | 12/82 | 116.9 | 119.2 | 119.5 | 7.5 | . 3 |
| Gates, globes, angles, checks, etc. ................................................ |  | 3494-312 | 12/82 | 117.1 | 120.7 | 120.7 | 8.3 | 0 |
| Water works or municipal valves (IBBM, AWWA, UL) ....................... |  | 3494-31201 | 12/82 | 120.1 | 128.4 | 128.4 | 10.0 | 0 |
| Fire hydrants ............................................................................. |  | 3494-31202 | 12/82 | 126.2 | 136.3 | 136.3 | 5.1 | 0 |
| Iron valves (excluding IBBM, AwwA, UL) |  | 3494-31203 | 12/82 | 121.8 | 122.1 | 122.4 | 2.7 | . 2 |
| Cast carbon steel valves (all pressures) ........................................ |  | 3494-31204 | 12/82 | 102.3 | 103.1 | 103.0 | 3.7 | -. 1 |
| Forged carbon steel valves (all pressures) .................................... |  | 3494-31205 | 12/82 | 93.1 | 94.3 | 94.3 | 2.7 | 0 |
| Brass and bronze valves (125 lb w.s.p. and over) ........................... |  | 3494-31207 | 12/82 | 126.8 | 127.7 | 127.7 | 8.3 | 0 |
| Pop safety valves and relief valves (over 15 ib w.s.p.) ........................ |  | 3494-349 | 12/82 | 133.1 | 133.1 | 133.1 | 11.5 | 0 |
| Ball valves, all metals, pressures, and types ..................................... |  | 3494-363 | 12/82 | 117.6 | 118.2 | 118.6 | 6.9 | 3 |
| Iron and steel ball valves .............................. |  | 3494-36301 | 12/82 | 114.1 | 114.2 | 114.7 | 6.0 | 4 |
| Brass and bronze ball valves ... |  | 3494-36302 | 12/82 | 129.4 | 131.3 | 131.3 | 9.4 | 0 |
| Butterily valves, all metals, pressures, and types ................................. |  | 3494-367 | 12/82 | 106.2 | 107.1 | 107.0 | 5.7 | -. 1 |
| Iron butterfly valves, including ductile ............................................. |  | 3494-36701 | 12/82 | 105.1 | 107.0 | 106.8 | 3.7 | -. 2 |
| Steel (cast and fabricated) butterfly valves ................................ |  | 3494-36702 | 12/82 | 107.2 | 107.2 | 107.2 | 7.6 | 0 |
| Plug valves, all metals, pressures, and types ..................................... |  | 3494-375 | 12/82 | 114.6 | 117.6 | 117.6 | 7.3 | 0 |
| Iron plug valves, including ductile .................................................. |  | 3494-37501 | 12/82 | 106.5 | 110.2 | 110.2 | 7.5 | 0 |
| Carbon steel plug valves ................................................................. |  | 3494-37502 | 12/82 | 108.0 | 112.0 | 112.0 | 5.5 | 0 |
| Other alloy plug valves, including alloy steel .................................. |  | 3494-37503 | 12/82 | 138.3 | 138.3 | 138.3 | 10.5 | 0 |
| Other metal valves and specialties ................................................... |  | 3494-398 | 12/82 | 113.0 | 115.3 | 116.7 | 5.0 | 1.2 |
| Plumbing and heating valves and specialties, excluding plumbers' brass goods |  | 3494-4 | 12/82 | 114.8 | 116.5 | 116.5 | 4.6 | 0 |
| Other plumbing and heating valves 15 lb w.s.p. and under .................. |  | 3494-419 | 12/82 | 108.2 | ${ }^{(3)}$ | 108.2 | 3.5 | $\left({ }^{3}\right)$ |
| Automatic regulating and control valves ...................................................... |  | 3494-5 | 12/82 | 123.8 | 124.3 | 124.7 | 4.6 | . 3 |
| Preumatic actuated control valves ................................................... |  | 3494-505 | 12/82 | 129.3 | 129.3 | 130.4 | 7.6 | . 9 |
| Self-contained direct actuated pressure regulator valves ..................... |  | 3494-531 | 12/82 | 122.2 | 124.7 | 124.7 | 3.8 | 0 |
| Flow regulator valves for gas, vapors, or liquids ................................ |  | 3494-545 | 12/82 | 117.4 | 117.4 | 117.4 | 5.6 | 0 |
| Other regulator valves .................................................................... |  | 3494-548 | 12/82 | 122.3 | 123.0 | 123.1 | 1.2 | . 1 |
| Solenoid valves ............................................................................... |  | 3494-6 | 12/82 | 126.9 | 128.4 | 128.4 | 5.1 | 0 |
| Solenoid valves |  | 3494-655 | 12/82 | 126.9 | 128.4 | 128.4 | 5.1 | 0 |
| Metal fittings, flanges, and unions for piping systems ............................. |  | 3494-7 | 12/82 | 137.0 | 141.8 | 139.8 | 16.8 | -1.4 |
|  |  | 3494-723 | 12/82 | 119.4 | 136.9 | 129.6 | 24.6 | -5.3 |
| Threaded type |  | 3494-72302 | 12/82 | 120.0 | 120.0 | 120.0 | 6.8 | 0 |
| Stainless and alloy steel fittings, flanges, and unions ........................... |  | 3494-725 | 12/82 | 109.2 | 109.2 | 109.2 | 1.8 | 0 |
| Socket-weld and threaded type .................................................... |  | 3494-72501 | 12/82 | 95.8 | 95.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Butt-welding type ......................................................................... |  | 3494-72502 | 12/82 | 118.6 | 118.6 | $\left({ }^{3}\right)$ | $(3)^{3}$ | $\left({ }^{3}\right)$ |
| Pipe couplings .............................................................................. |  | 3494-785 | 12/82 | 124.9 | 124.9 | 124.9 | 13.8 | 0 |
| All other metal fittings and unions for piping systems ......................... |  | 3494-798 | 12/82 | 102.6 | 105.9 | 103.7 | 3.1 | -2.1 |
| Fluid power hose and tube fittings ..................................................... |  | 3494-8 | 12/82 | 113.1 | 113.9 | 113.7 | 3.4 | -. 2 |
| Fittings for metal and plastic tubing .................................................... |  | 3494-815 | 12/82 | 116.3 | 117.5 | 117.1 | 2.5 | -. 3 |
| Hose end fittings and hose assemblies for fluid power systems ........... |  | 3494-841 | 12/82 | 111.4 | 112.1 | 112.0 | 3.9 | -. 1 |
| Other hose connectors ............................................................... |  | 3494-84104 | 12/82 | 109.7 | 110.3 | 109.7 | . 5 | -. 5 |
| Parts and components for valves and pipe fittings (sold separately) ........ |  | 3494-9 | 12/82 | 134.6 | 132.0 | 132.0 | 4.3 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3494-SM |  |  |  |  |  |  |
| Miscellaneous receipts ............................................................................ |  | 3494-M | 12/82 | 91.6 | 94.5 | 91.6 | 1.2 | -3.1 |
| Secondary products ............................................................................... |  | 3494-S | 12/82 | 129.8 | 130.0 | 130.1 | 6.6 | . 1 |
| Wire springs ........................................................................................................ | 3495 |  | 12/82 | 112.4 | 112.7 | 112.8 | 2.0 | . 1 |
| Primary products ................................................................................ |  | 3495-P | 12/82 | 112.8 | 113.2 | 113.2 | 2.2 | 0 |
| Precision mechanical springs ............................................................ |  | 3495-2 | 12/82 | 121.3 | 122.1 | 122.1 | 2.5 | 0 |
| Compression type, shipments to O.E.M ........................................... |  | 3495-212 | 12/82 | 120.2 | 121.2 | 121.2 | 2.6 | 0 |
| Automotive ....................................................................................................... |  | 3495-21211 | 12/82 | 104.8 | 104.8 | 104.8 | 1.1 | 0 |
| Other machinery ......................................................................... |  | 3495-21215 | 12/82 | 123.0 | 123.1 | 123.1 | 3.4 | 0 |
| Consumer goods ....................................................................... |  | 3495-21217 | 12/82 | 113.7 | 113.9 | 113.7 | 3.6 | -. 2 |
| Other ........................................................................................ |  | 3495-21219 | 12/82 | 109.5 | 112.5 | 112.5 | 3.0 | 0 |
| Compression type, other shipments ................................................. |  | 3495-214 | 12/82 | 115.7 | 116.6 | 116.6 | . 7 | 0 |
| Extension type .............................................................................. |  | 3495-215 | 12/82 | 127.1 | 127.8 | 127.8 | 3.7 | 0 |
| Torsion type ................................................................................. |  | 3495-217 | 12/82 | 117.0 | 116.8 | 117.6 | 1.2 | . 7 |
| Other wire springs .......................................................................... |  | 3495-3 | 12/82 | 106.1 | 106.1 | 106.1 | 1.6 | 0 |
| Other upholstery and furniture springs ............................................... |  | 3495-319 | 12/82 | 106.8 | 106.8 | 106.8 | 3.7 | 0 |
| Other wire springs ........................................................................ |  | 3495-398 | 12/82 | 105.2 | 105.2 | 105.2 | 3.4 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 3495-SM |  |  |  |  |  |  |
| Secondary Products ............................................................................. |  | 3495-S | 12/82 | 108.5 | 108.5 | 108.5 | . 4 | 0 |
| Miscellaneous fabricated wire products ......................................................... | 3496 |  | 12/82 | 114.0 | 116.1 | 116.3 | 6.8 | . 2 |
| Primary products ................................................................................ |  | 3496-P | 12/82 | 114.1 | 115.5 | 115.7 | 6.5 | . 2 |
| Noninsulated ferrous wire rope, cable and strand ................................. |  | 3496-1 | 12/82 | 116.0 | 116.0 | 116.1 | 5.9 | . 1 |
| Steel wire rope and cable .............................................................. |  | 3496-111 | 12/82 | 110.8 | 110.8 | 110.8 | 4.7 | 0 |
| Composite strand, rope and cable ................................................... |  | 3496-121 | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other steel wire strand ................................................................... |  | 3496-135 | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | 115.0 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Wire forms ................................................................................... |  | 3496-141 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Ferrous wire cloth and other ferrous woven wire products ..................... |  | 3496-4 | 12/82 | 116.4 | 116.5 | 119.0 | 10.6 | 2.1 |
| Insect wire screening |  | 3496-411 | 12/82 | 105.8 | 122.6 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
|  |  | 3496-461 | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | 135.0 | $\left({ }^{3}\right)$ | (3) |
| Other ferrous woven cloth and woven wire products .......................... |  | 3496-498 | 12/82 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | 108.2 | ${ }^{(3)}$ | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Miscellaneous fabricated wire products-Continued | 3497 |  |  | 119.2 | 122.7 | 122.7 |  | 0 |
|  |  | 3496-6 <br> 3496-613 |  |  |  |  | 10.6 |  |
| Chain link fencing ........................................................................ |  |  | $12 / 82$ $12 / 82$ | 118.6 | 122.1 | 122.1 | 10.7 | 0 |
| Steel nails, spikes, brads, staples and tacks ............................................. |  | 3496-7 | 12/82 | 111.6 | 108.6 | 108.7 | -2.3 | . 1 |
| Bright nails ............................................................................ |  | 3496.711 | 12/82 | 128.8 | 126.2 | 126.2 | -3.3 |  |
| Other ferrous fabricated wire products ............................................... |  | 3496-8 | 12/82 | 114.1 | 116.4 | 116.3 | $6.8$ | 0 -1 |
| Wire chain, tire .............................................................................. |  | 3496-841 | 12/82 | 118.1 | 115.6 | ${ }^{(3)}$ |  | $(3)$ ${ }^{(3)}$ |
| Wire chain, other ... |  | 3496-849 | 12/82 | ${ }^{(3)}$ | (3) | 114.7 | $(3)$ $(3)$ | $\left({ }^{(3)}\right.$ |
| Welded steel wire fabric (concrete reinforcing mesh) ....................... |  | 3496-861 | 12/82 | ${ }^{(3)}$ | (3) | 109.5 | ${ }^{(3)}$ |  |
| Wire garment hangers ............................................................................. |  | 3496-871 | 04/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 138.2 | ${ }^{(3)}$ | (3) |
| Wire carts ............................................................................... |  | 3496-873 | 12/82 | 118.1 | ${ }^{(3)}$ | 121.2 |  | ${ }^{(3)}$ |
| Wire cages .............................................................................................. |  | $3496-875$ $3496-898$ | $12 / 82$ $12 / 82$ | ${ }^{(3)}{ }^{107.6}$ | $(3)$ 109.2 | 109.2 | 1.3 | 0 |
| Other ferrous wire products ................................................................................... |  | 3496-SM |  |  | 109.2 |  |  |  |
| Miscellaneous receipts ................................. |  | 3496-M | 12/82 | $\left.{ }^{3}\right)$ | (3) | 118.5 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Resales .................... |  | 3496-Z89 | 12/82 | (3) | (3) | 118.5 | (3) | ${ }^{(3)}$ |
| Secondary products ... |  | 3496-S | 12/82 | 116.3 | 121.3 | 121.3 | 8.8 | 0 |
| Secondary products ................................................................ |  | 3496-ss | 12/82 | 116.3 | 121.3 | ${ }^{3}$ ) | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Metal foil and leaf |  |  | 12/84 | 120.4 | 121.6 | 122.3 | 8.1 | . 6 |
| Primary products |  | 3497-P | 12/84 | 114.6 | 116.0 | 116.9 | 10.8 | . 8 |
| Laminated aluminum foil rolls and sheets for flexible packaging uses |  | 3497-2 | 12/84 | 105.8 | 107.7 | 109.0 | 12.7 | 1.2 |
| Polyethylene coated or laminated, foil and paper combination ............. |  | 3497-215 | 12/84 | 108.3 | 113.9 | 113.3 | 17.8 | -. 5 |
| Other foil and paper combinations ..................................................... |  | 3497-216 | 12/84 | 107.3 | 105.2 | 107.7 | 9.8 | 2.4 |
| Non-food products ........................................................................... |  | 3497-21614 | 12/84 | 112.2 | 113.0 | 113.0 | 6.0 | 0 |
| Converted unmounted aluminum foil for nonpackaging applications ......... |  | 3497-3 | 12/84 | 112.0 | 112.0 | 112.0 | 9.4 | 0 |
| Unmounted or coated (plain or printed) ..................................... |  | 3497-352 | 12/84 | 119.6 | 119.6 | 119.6 | 13.3 | . 0 |
| Other metal foil and leat ................................................................ |  | 3497-4 | 12/84 | 122.8 | 125.5 | 126.2 | 4.0 | . 6 |
| Other metal foil and leaf including composition ( combination of two or more metals) $\qquad$ |  | 3497-411 | 12/84 | 122.8 | 125.5 | 126.2 | 4.0 | . 6 |
| Secondary products and miscellaneous receipts ....................................... |  | 3497-SM |  |  |  |  |  |  |
| Fabricated pipe and fabricated pipe fittings ................................................. | 3498 | 3498-P | 06/81 | 134.0 | 132.3 | 128.4 | -. 5 | -2.9 |
| Primary products ....................................................................... |  |  | 06/81 | 129.3 | 127.4 | 127.0 | -1.0 | -. 3 |
| Iron and steel pipe, tube, and fittings $\qquad$ Iron and steel pipe and pipe fittings (including custom work for |  | 3498-1 | 06/81 | 125.3 | 123.0 | 123.9 | -2.1 | 7 |
| contractors) ............................................................................ |  | $\begin{aligned} & 3498-101 \\ & 3498-10111 \end{aligned}$ | 06/81 | 120.6 | 117.8 | 118.8 | -1.8 | 8 |
| Petrochemical, papermill, and water sewage treatment .................... |  |  | 12/86 | 103.7 | 101.0 | 101.4 | -1.8 | . 4 |
| Other iron and steel pipe and fittings .............................................. |  | 3498-10114 | 06/81 | 125.3 | 122.8 | 124.2 | -2.2 | 1.1.5 |
| Iron and steel tubing and fittings .................................................... |  | 3498-102 | 06/81 | 132.4 | 130.7 | 131.4 | -2.4 |  |
| Welded tubing ............................................................................ |  | $\begin{aligned} & 3498-10203 \\ & 3498-10204 \end{aligned}$ | 06/81 | 132.0 | 129.8 | 131.1 | $\begin{gathered} -2.9 \\ (3) \end{gathered}$ | ${ }^{1.0}$ |
| Other iron and steel tubing and fittings ......................................... |  |  | 01/82 | 153.0 |  | ${ }^{(3)}$ |  |  |
| Nonferrous pipe, tube, and fittings .................................................... |  | 3498-5 | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 159.5 | $\begin{gathered} { }^{(3)} \\ 160.3 \end{gathered}$ | 150.2 | 6.4 | -6.3 |
| Aluminum and aluminum base alloy pipe, tube, and fittings .................. |  | 3498-501 |  | 133.4 | $(3)$$(3)$ | 120.8138.5(3) |  | (3)$(3)$$(3)$ |
| Copper and copper base alloy pipe, tube, and fittings ......................... |  | 3498-502 | 08/81 | 171.2 |  |  | 1.2 |  |
| Other nonferrous pipe, tube, and fittings .......................................... |  | 3498-503 <br> 3498-SM <br> 3498-S | 06/81 | 160.8 | ${ }^{(3)}$ |  | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts ............................................. |  |  |  | 110.1 | 110.2 | 110.8 | -2.0 | . 5 |
| Secondary products .............................................................................. |  |  | 04/82 |  |  |  |  |  |
| Fabricated metal products, n.e.c. .. | 3499 | 3499-P | 06/85 | 113.8 | 114.9 | 115.0 | 3.3 | . 1 |
| Primary products ...................... |  |  | 06/85 | 111.3 | $\begin{aligned} & 112.6 \\ & 112.2 \end{aligned}$ | 112.6 | 3.6 | 0 |
| Sates and vaults ......................... |  | 3499-1 | 06/85 | 112.2 |  | 112.2 | 4.5 | 0 |
| Safes and chests. |  | 3499-101 | 06/85 | 127.2 | 127.2 | 127.2 | 7.3 | 0 |
| All other bank and security vaults and equipment .............................. |  | 3499-198 | 06/85 | 100.3 | 100.3 | 100.3 | 4.5 | 0 |
| Metal strapping .................................................... |  | 3499-3 | 06/85 | (3) | ${ }^{3}$ ) | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Metal strapping ................................................................... |  | 3499-357 | 06/85 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| All other fabricated metal products ............................................. |  | 3499-4 | 06/85 | 111.4 | 112.6 | 113.0 | 3.6 | 4 |
| Metal ladders .-.................................................................... |  | 3499-401 | 06/85 | 127.2 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | (3) | ${ }^{3}$ ) |
| All other metal ladders ............. |  | 3499-40147 | 06/85 | 124.3 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Permanent magnets, except ceramic ......................................... |  | 3499-455 | 06/85 | 107.3 | 107.8 | 108.0 | 4.3 | . 2 |
| Metal spools and reels ......................................................... |  | 3499-475 | 06/85 | 113.9 | 115.9 | 115.9 | ${ }^{(3)}$ | 0 |
| Other fabricated metal products ................................................ |  | 3499-498 | 06/85 | 110.5 | 111.7 | 112.1 | 3.3 | . 4 |
| Secondary products and miscellaneous receipts ...................................... |  | 3499-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | $3499-\mathrm{M}$ | 06/85 | 141.5 | 141.5 | 141.5 | ${ }^{(3)}$ | 0 |
| Resales ................................................................................... |  | 3499-789 | 06/85 | 136.4 | ${ }^{3}$ ) | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | (3) |
| Secondary products ........................................................................... |  | 3499-S | 06/85 | 112.6 | 114.1 | 114.4 | 4.6 | . 3 |
| Machinery, except electrical ................................................................................ | 35 |  | 12/84 | 109.7 | 110.6 | 111.0 | 4.4 | . 4 |
| Engines and Turbines .............................................................................. | 351 |  | 12/84 | 107.6 | 108.3 | 109.4 | 4.8 | 1.0 |
| Turbines and turbine generator sets ....................................................................... | 3511 |  | 06/82 | 119.1 | 119.6 | 120.8 | 6.2 | 1.0 |
| Primary products .............................................................................. |  | 3511-P | 06/82 | 118.8 | 119.4 | 120.8 | 7.4 | 1.2 |
| Steam, gas, and hydraulic turbine generator set units and parts .............. |  | 3511-1 | 06/82 | 108.8 | 108.8 | 109.9 | 4.5 | 1.0 |
| Mechanical drive steam, gas, and hydraulic turijines, nonlocomotive steam engines and parts $\qquad$ |  | 3511-2 | 06/82 | 127.6 | 128.5 | 130.1 | 8.1 | 1.2 |
| Steam turbines, steam engines and parts ........................................ |  | 3511-21 | 06/82 | 130.8 | 131.9 | 131.9 | 9.9 | 0 |
| Steam turbines ........................................................................ |  | 3511-211 | 06/82 | 111.4 | (3) | 112.8 | 14.8 | ${ }^{3}$ ) |
| Gas turbines, except aircraft, and parts and accessories ...................... |  | 3511-23 |  |  |  |  |  |  |
| Parts and accessories for gas turbines, except aircraft. ..................... |  | 3511-235 | 06/82 | 140.1 | 140.9 | 144.7 | 6.3 | 2.7 |
| Secondary products .................................................................................... |  | 3511-S | 06/82 | 131.7 | 131.7 | 131.7 | ${ }^{(3)}$ | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Farm machinery and equipment-Continued | 3524 |  |  |  |  |  |  |  |
| Machines for preparing crops for market or use ................... |  | 3523-8B | 12/82 | 111.4 | 111.4 | 111.4 | 2.4 | 0 |
| Feed grinders, feed mixers, and burr mills ....................... |  | 3523-826 | 12/82 | 113.3 | 113.3 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Farm poultry equipment ............................................................ |  | 3523-8C | 12/82 | ${ }^{(3)}$ | 105.1 | 105.1 | (3) | 0 |
| Barn and barnyard equipment ......................................................... |  | 3523-8D | 12/82 | 117.0 | 118.2 | 118.9 | 4.7 | . 6 |
| Self-propelled irrigation systems ....................................................... |  | 3523-8E | 12/82 | 112.3 | ${ }^{3}$ ) | 109.4 | 3.5 | ${ }^{(3)}$ |
| Self-propelled irrigation systems, center-pivot |  | 3523-893 | 12/82 | 111.8 | $\left.{ }^{3}\right)$ | 109.0 | 3.5 | (3) |
| Hog equipment ............................................................................ |  | 3523-8P | 12/82 | 112.1 | 112.1 | 115.3 | 2.9 | 2.9 |
| Farm wagons and other farm transportation equipment ...................... |  | 3523-8W | 12/82 | 127.8 | 130.9 | 130.9 | 2.7 | 0 |
| Other farm transportation equipment ........................................... |  | 3523-W78 | 12/82 | 115.5 | 115.7 | 115.7 | 1.4 | 0 |
| Parts for farm machinery and equipment, excl. comm. turf and grounds equip $\qquad$ |  | 3523-9 | 12/82 | 112.5 | 113.2 | 114.0 | 4.4 | . 7 |
| Farm machinery and equipment parts sold to original equipment mfrs. |  | 3523-9A | 12/82 | 110.9 | 110.9 | 110.9 | 4.2 | . 0 |
| Farm machinery and equipment parts sold for replacement and repair |  | 3523-98 | 12/82 | 109.0 | 110.6 | 112.5 | 1.2 | 1.7 |
| Parts for cultivators and weeders ................................................. |  | 3523-932 | 12/82 | 107.5 | 121.0 | 121.0 | . 1 | 0 |
| Parts for sprayers and dusters ....................................................... |  | 3523-951 | 12/82 | 109.6 | 109.9 | 109.9 | 1.7 | 0 |
| Parts for harvesting machinery ..................................................... |  | 3523-994 | 12/82 | 104.5 | 107.9 | 107.9 | 4.1 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3523-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3523-M | 12/82 | 106.9 | 109.1 | 114.5 | 11.7 | 4.9 |
| Resales ....................................................................................... |  | 3523-Z89 | 12/82 | 105.7 | 108.2 | 113.6 | 9.9 | 5.0 |
| Secondary products ......................................................................... |  | 3523-S | 12/82 | 108.4 | 109.8 | 109.7 | 2.5 | -. 1 |
| Other secondary products .............................................................. |  | 3523-SSS | 12/82 | 108.2 | 108.3 | 108.2 | 1.5 | -. 1 |
| Construction machinery and equipment ........................................... |  | 3531-S | 12/82 | 105.3 | 108.8 | 108.8 | 4.3 | 0 |
| Lawn and garden equipment |  |  | 12/82 | 111.8 | 112.1 | 112.1 | 4.9 | 0 |
| Primary products |  | 3524-P | 12/82 | 112.5 | 112.9 | 113.0 | 5.0 | 1 |
| Consumer nonriding lawn, garden, and snow equipment .................... |  | 3524-1 | 12/82 | 109.4 | 109.5 | 109.5 | 4.7 | 0 |
| Lawn mowers .......................................................................... |  | 3524-11 | 12/82 | 108.8 | 108.8 | 108.8 | 5.0 | 0 |
| Rotary, push type, gasoline engine powered ................................... |  | 3524-111 | 12/82 | 111.2 | 111.2 | 111.2 | 5.1 | 0 |
| Rotary, self-propelled, gasoline engine powered .............................. |  | 3524-112 | 12/82 | 104.1 | 104.1 | 104.1 | 5.0 | 0 |
| Reel, all types ............................................................................ |  | 3524-113 | 12/82 | 109.2 | ${ }^{(3)}$ | 109.2 | 5.1 | (3) |
| Rotary garden (motor) tillers ........................................................................ |  | 3524-121 | 12/82 | 112.0 | 112.0 | 112.0 | 2.4 | 0 |
| Snow throwers (snow blowers), except attachment types ..................... |  | 3524-14 | 12/82 | 104.0 | 105.8 | 105.7 | 2.0 | -. 1 |
| Single stage .............................................................................. |  | 3524-141 | 12/82 | 104.9 | 109.2 | 109.2 | 4.2 | 0 |
| Dual stage |  | 3524-142 | 06/83 | 102.4 | 103.0 | 102.9 | 1.0 | -. 1 |
| Powered lawn edgers/trimmers ...................................................... |  | 3524-15 | 12/82 | 110.8 | 110.8 | 110.8 | 8.7 | 0 |
| Fixed blade, gasoline engine or electric powered ............................ |  | 3524-154 | 12/82 | 118.0 | ${ }^{(3)}$ | 118.0 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Other consumer nonriding lawn, garden, and snow equipment ............. |  | 3524-19 | 12/82 | 115.6 | 115.7 | 115.7 | 4.5 | 0 |
| Yard vacuums and blowers ....................................................... |  | 3524-193 | 12/82 | 109.6 | 110.0 | 110.0 | 3.3 | 0 |
| All other equipment, incl. powered hedge trimmers, 2 wheel walking tractors, and lawn sweepers |  | 3524-194 | 12/82 | 118.2 | 118.2 | 118.2 | 5.5 | 0 |
| Parts and attachments for consumer nonriding lawn, garden, and snow equipment |  | 3524-3 | 12/82 | 115.5 | 119.0 | 119.0 | 3.6 | 0 |
| Attachments .................................................................................................................................................... |  | 3524-311 | 12/82 | 121.6 | 121.6 | 121.6 | 2.8 | 0 |
| Parts |  | 3524-312 | 12/82 | 113.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) | (3) |
| Consumer riding lawn, garden, and snow equipment |  | 3524-4 | 12/82 | 122.1 | 122.2 | 122.2 | 6.1 | 0 |
| Garden tractors ................................................ |  | 3524-41 | 12/82 | 125.6 | 125.6 | 125.6 | 5.3 | 0 |
| Under 16.0 hp . |  | 3524-416 | 12/87 | 103.9 | 103.9 | 103.9 | 3.0 | 0 |
| 16.0 hp and over |  | 3524-417 | 12/82 | 125.9 | 125.9 | 125.9 | 6.8 | 0 |
| Lawn tractors and riding mowers .................................................... |  | 3524-42 | 12/82 | 120.2 | 120.3 | 120.4 | 6.6 | 1 |
| Front engine lawn trastors and riding mowers |  | 3524-421 | 12/82 | 119.4 | 119.4 | 119.4 | 6.0 | 0 |
| 10.0 hp and over |  | 3524-42113 | 12/82 | 116.0 | 116.0 | 116.0 | 6.2 | 0 |
|  |  | 3524-422 |  |  |  |  |  |  |
| 6.0 hp and over |  | 3524-42213 | 12/82 | 121.8 | 122.0 | 122.2 | 7.6 | . 2 |
| Parts and attachments for consumer riding lawn, garden, and snow equipment |  | 3524-5 | 12/82 | 100.7 | 101.1 | 101.7 | 2.9 | . 6 |
| Attachments .................................................................................. |  | 3524-517 | 12/82 | 121.2 | 121.2 | 121.2 | 3.7 | 0 |
| Parts ........................................................................................... |  | 3524-521 | 10/83 | 81.7 | 82.4 | 83.4 | (3) | 1.2 |
| Secondary products and miscellaneous receipts |  | 3524-SM $3524-\mathrm{S}$ |  |  |  |  |  |  |
| Secondary products |  | 3524-S | 12/82 | 105.3 | 105.6 | 104.1 | 5.8 | -1.4 |
| Construction, mining, and materials handling machinery and equipment | 353 |  | 12/84 | 108.8 | 110.0 | 110.4 | 4.2 | . 4 |
| Construction machinery ............................................................................ | 3531 |  | 12/80 | 130.5 | 132.3 | 133.2 | 5.7 | . 7 |
| Primary products ................................................................................ |  | 3531-P | 12/80 | 128.2 | 130.2 | 130.9 | 5.6 | . 5 |
| Off hwy wheel tractors ............................................................... |  | 3531-1 |  |  |  |  |  |  |
| Off hwy wheel tractors, including wheeled log skidders and rubber-tired dozers $\qquad$ |  | 3531-101 | 12/80 | 132.7 | 132.7 | 132.7 | 1.9 | 0 |
| Tracklaying tractors ...................................................... |  | 3531-2 | 12/80 | 133.5 | 136.1 | 136.1 | 4.9 | 0 |
| Parts/ attach. for tracklaying tractors, off-hwy wheel tractors, tractor shovel loaders |  | 3531-3 | 12/80 | 119.1 | 123.1 | 123.0 | 6.4 | -. 1 |
| Parts/ attach. for tracklaying tractors, off-hwy wheel tractors, tractor shovel loaders |  | 3531-305 | 12/80 | 119.1 | 123.1 | 123.0 | 6.4 | -. 1 |
| Power cranes, excavators, and draglines, incl. parts/ attach ................... |  | 3531-4 | 12/80 | 134.0 | 135.1 | 137.9 | 8.6 | 2.1 |
| Cranes ........................................................................................ |  | 3531-4A | 06/86 | 112.7 | 114.3 | 118.5 | 11.3 | 3.7 |
| Cable operated cranes .......................................................... |  | $3531-41103$ | 12/80 | 143.5 | 145.9 | 159.0 | 19.6 | 9.0 |
| Hydraulic cranes ........................................................................ |  | 3531-41104 | 12/80 | 141.6 | 144.0 | 147.1 | 9.0 | 2.2 |
| Excavators .................................................................................. |  | 3531.411 | 06/86 | 110.0 | 110.0 | 112.0 | 4.2 | 1.8 |
| Hydraulic operated excavators ....................................................... |  | 3531-41102 | 12/80 | 137.9 | 137.9 | 141.0 | 5.5 | 2.2 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Construction machinery-Continued <br> Front end attachments for power cranes, draglines, and excavators .... <br> Parts for power cranes, draglines, and excavators $\qquad$ |  |  |  |  |  |  |  |  |
|  |  | 3531-481 | 12/80 | 132.7 | 133.5 | 133.5 | 2.3 | 0 |
|  |  | 3531-485 | 12/80 | 125.2 | 125.2 | 121.0 | 6.7 | -3.4 |
| Mixers, pavers, and related equip. excl. parts |  | 3531-6 | 12/80 | 115.6 | 117.4 | 117.4 | 2.3 | 0 |
|  |  | 3531-611 | 06/86 | 106.4 | 110.4 | 109.3 | 2.9 | -1.0 |
| Mixers ............................................................................................................................................................... |  | 3531-61101 | 06/86 | 108.4 | 110.3 | 110.3 | 3.1 | 0 |
|  |  | 3531-622 | 06/86 | 104.0 | 104.2 | 104.8 | 1.6 | . 6 |
| Other bituminous equip. incl. reclaimers/planers and stab. mixers Tractor shovel loaders excluding parts/ attachments $\qquad$ |  | 3531-62204 | 06/86 | 99.9 | 101.0 | 103.8 | 4.3 | 2.8 |
|  |  | 3531-7 | 12/80 | 139.9 | 141.7 | 141.7 | 4.3 | 0 |
|  |  | 3531-711 | 06/86 | 110.0 | 111.4 | 111.4 | 4.2 | 0 |
| Wheel shovel loader, 4 wheel dr., up to $3 \mathbf{1 / 2} \mathbf{c u}$. yd. capacity |  | $3531-71101$ | 12/80 | 146.1 | 146.7 | 146.7 | 3.7 | 0 |
|  |  | 3531-71104 | 06/86 | 98.8 | 98.8 | 98.8 | 0 | 0 |
| Scrapers, graders, rollers, off-hwy trucks/haulers, and attach. for mounting $\qquad$ |  | 3531-8 | 12/80 | 123.6 | 126.5 | 126.5 | 7.0 | 0 |
| Rollers, all types incl. self-propelled vibratory compactors ................... |  | 3531-831 | 12/80 | 145.5 | 145.2 | 145.2 | 1.7 | 0 |
| Construction machinery for mounting on tractors, shovel loaders, etc. All other machinery for mounting incl. forklifts, logging arches, sidebooms, pipehandlers, etc. $\qquad$ <br> Off-hwy equipment $\qquad$ |  | 3531-841 | 06/86 | 111.4 | 111.8 | 111.8 | 8.6 | 0 |
|  |  | 3531-84166 | 06/86 | 105.3 | 106.1 | 106.1 | 5.7 | 0 |
|  |  | 3531-851 | 06/86 | 112.6 | 116.8 | 116.8 | 7.6 | 0 |
| Miscellaneous constr. mach./equip., incl. other constr. machinery parts |  | 3531-9 | 12/80 | 122.1 | 122.3 | 123.6 | 3.3 | 1.1 |
| Parts/ attachments for constr. mach./ equip. excl. cranes, draglines, shovels, tractors $\qquad$ |  | 3531-9A | 06/86 | 103.2 | 103.4 | 105.2 | 3.2 | 1.7 |
| Sold to 0.e.m. ................................................................................................................................. |  | 3531-98411 | 12/80 | 116.7 | ${ }^{(3)}$ | 122.2 | 4.6 | (3) |
| Sold for replacement/repair |  | 3531-98611 | 12/80 | 114.0 | 113.6 | 114.6 | 2.6 | . 9 |
| Miscellaneous construction machinery and equipment ......................... |  | 3531-911 | 06/86 | 104.0 | 104.2 | 104.3 | 3.2 | . 1 |
| Continuous ditchers/ trenchers, self-propelled ......................................... |  | 3531-91102 | 12/80 | 142.4 | 143.9 | 145.3 | 2.0 | 1.0 |
| Portable crushing, screening, or washing plants and combinations ... |  | 3531-91105 | 12/80 | 139.6 | 139.6 | 139.6 | 4.0 | 0 |
| Snow clearing attachments for mounting ...................................... |  | 3531-91106 | 12/80 | 124.0 | $\left.{ }^{3}\right)$ | 123.4 | 3.5 | (3) |
| All other miscellaneous construction machinery ............................... |  | 3531-91108 | 06/86 | 105.3 | 105.6 | 105.5 | 2.2 | -. 1 |
| Secondary products and miscellaneous receipts ........................................ |  | 3531-SM |  |  |  |  |  |  |
| Miscellaneous receipts ... |  | 3531-M | 12/80 | 159.6 | 161.2 | 165.2 | 9.5 | 2.5 |
| Resales ............... |  | 3531-289 | 08/84 | 116.9 | 118.2 | 121.0 | 10.5 | 2.4 |
| Secondary products |  | 3531-S | 12/80 | 141.8 | 142.5 | 142.4 | 3.4 | -. 1 |
| Other secondary products |  | 3531-SSS | 06/86 | 93.7 | 94.4 | 94.3 | 3.6 | -. 1 |
| Mining machinery and equipment | 3532 |  | 06/81 | 122.0 | 123.5 | 123.7 | 6.2 | . 2 |
| Primary products ......................... |  | 3532-P | 06/81 | 123.9 | 125.3 | 125.5 | 6.4 | . 2 |
|  |  | 3532-5 | 06/81 | 134.6 | 134.6 | 134.6 | 7.1 | 0 |
| Crushing, pulverizing, and screening machinery Crushers, stationary types, including skid-mounted (gyratory, impact, jaw, and roll) $\qquad$ |  | 3532-7 | 06/81 | 129.4 | 133.0 | 133.0 | 8.2 | 0 |
|  |  | 3532-727 | 06/81 | 140.0 | 140.6 | 140.6 | 5.4 | 0 |
| Drills and other mining machinery, except parts ................................... |  | 3532-8 | 06/81 | 115.4 | 121.6 | 121.6 | 10.1 | 0 |
| All other mining machinery and equipment, including impact breakers.Parts and attachments for mining machinery and equipment ................ |  | 3532-898 | 12/81 | 113.8 | 122.2 | 122.2 | 11.6 | 0 |
|  |  | 3532-9 | 06/81 | 116.4 | 117.3 | 117.7 | 5.3 | . 3 |
| Parts and attachments for mining machinery sold separately, excluding drill bits $\qquad$ |  | 3532-975 | 06/81 | 119.4 | 120.4 | 120.9 | 5.2 | . 4 |
| All other mining drill bits $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ |  | 3532-991 | 12/87 | 106.0 | 107.2 | 105.5 | 3.9 | -1.6 |
|  |  | 3532-SM |  |  |  |  |  |  |
|  |  | 3532-M | 06/81 | 113.1 | 115.3 | 116.3 | 5.1 | . 9 |
| Resales ........................................................................................ |  | 3532-289 | 06/81. | 117.5 | 119.8 | 120.8 | 5.0 | 8 |
| Secondary products |  | 3532-S | 06/81 | 115.7 | 116.8 | 117.2 | 5.2 | . 3 |
| Construction machinery |  | 3531-S | 06/81 | 117.0 | 116.5 | 117.3 | 4.3 | . 7 |
| Other secondary products ......................................................................................................... |  | 3532-SSS | 06/81 | 113.3 | 115.1 | 115.3 | 5.7 | . 2 |
| Oilfield and gasfield machinery and equipment ............................................. | 3533 |  | 12/80 | 126.8 | 127.1 | 127.4 | 2.5 | . 2 |
| Primary products ............................................................................... |  | 3533-P | 12/80 | 122.6 | 123.4 | 123.8 | 2.1 | . 3 |
| Rotary oilfield and gasfield drilling machinery and equipment .................. |  | 3533-1 | 12/86 | 108.8 | 109.9 | 109.8 | 2.5 | -. 1 |
| Rotary drilling surface equipment .................................................... |  | 3533-11 | 12/86 | 104.1 | 106.3 | 105.9 | 4.4 | -. 4 |
| Elevators, spiders, slips, hooks, links, connectors ........................... |  | 3533-115 | 12/80 | 133.9 | 137.0 | 136.2 | 9.0 | -. 6 |
| Other rotary drilling surface machinery and equipment including kelly joints $\qquad$ |  | 3533-121 | 12/86 | 108.6 | 119.5 | 118.2 | 14.4 | -1.1 |
| Rotary drilling subsurface equipment ............................................................................................................ |  | 3533-14 | 12/86 | 113.0 | 113.2 | 113.2 | . 8 | 0 |
| Bits .......................................................................................... |  | 3533-141 | 12/80 | 148.9 | 148.9 | 148.9 | 1.0 | 0 |
| Tungsten-carbide insert bits ............................................................................................................................ |  | 3533-14101 | 12/80 | 150.2 | 150.2 | 150.2 | 0 | 0 |
| Steel-toothed bits $\qquad$ |  | 3533-14102 | 12/80 | 148.8 | 148.8 | 148.8 | 3.3 | 0 |
| Other subsurface drilling equipment $\qquad$ Other subsurface drilling equipment including subsea drilling |  | 3533-149 | 12/86 | 97.6 | 98.4 | 98.4 | . 3 | 0 |
| Other subsurface driliing equipment including subsea drilling risers $\qquad$ |  | 3533-14903 | 12/86 | 95.1 | 96.5 | 96.5 | . 5 | 0 |
| Other oilfield and gasfield drilling machinery and equipment and parts .... |  | 3533-2 | 12/86 | 108.6 | ${ }^{(3)}$ | ${ }^{3}$ ) | (3) | $\left.{ }^{3}\right)$ |
| Oilfield and gasfield production machinery and equipment ...................... |  | 3533-3 | 12/80 | 117.6 | 118.0 | 118.9 | 1.5 | 8 |
| On-land and offshore bottom support wellhead equipment Casing and tubing heads and supports |  | 3533-31 | 12/80 | 125.0 | 125.6 | 125.6 | . 8 | 0 |
|  |  | 3533-313 | 12/86 | 108.8 | 110.4 | 110.4 | 2.1 | 0 |
| Rodlifting machinery and equipment - surface and subsurface ............. |  | 3533-35 | 12/80 | 103.1 | 103.6 | 103.6 | 4.0 | 0 |
| Sucker rods .................................................................................. |  | 3533-357 | 12/80 | 82.1 | 83.3 | 83.3 | . 8 | ${ }^{0}$ |
| Permanent packers and accessories <br> Separating, metering, and treating equipment for oil and gas (located on well site) $\qquad$ |  | 3533-362 | 12/80 | 125.0 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
|  |  | 3533-371 | 12/80 | 115.5 | 114.8 | 119.4 | 6.9 | 4.0 |
| Parts for oil and gas field production machinery and tools, sold separately Other oil and gas field production machinery and tools |  | 3533-382 | 12/86 | 103.6 | 104.1 | 104.4 | 1.2 | . 3 |
|  |  | 3533-398 | 12/86 | 106.0 | 106.9 | 106.8 | . 8 | -. 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Oilfield and gasfield machinery and equipment-Continued | 3534 | $3533-5$$3533-9$ | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | $\begin{array}{r} 100.5 \\ 90.5 \end{array}$ | $\begin{gathered} 100.5 \\ \left({ }^{3}\right) \end{gathered}$ | $\begin{gathered} 100.5 \\ \left({ }^{3}\right) \end{gathered}$ | ${ }_{(3)}^{1.9}$ | $(3)^{0}$ |
| Drilling rigs ................................................................................. |  |  |  |  |  |  |  |  |
| Oilfield and gasfleld derricks and well surveying machinery ..................... |  |  |  |  |  |  |  |  |
| Secondary products and miscellaneous receipts ................................................ |  | 3533-SM$3533-\mathrm{M}$ | 12/80 | 159.6 | 156.7 | 156.7 |  | 0 |
| Miscellaneous receipts ............................................................................ |  |  |  |  |  |  | 3.8 |  |
| Other miscellaneous receipts .......................................................... |  | 3533-X98 | 12/80 | 133.3 | 133.3 | 133.3 | 0 | 0 |
| Resales ......................................................................................................... |  | 3533-289 | 09/86 | 157.8 | 154.0 | 154.0 | 5.0 | 0 |
| Secondary products ....................................................................................... |  | 3533-S | 12/80 | 122.9 | 123.3 | 123.4 | 5.5 | . 1 |
| Valves and fittings ... |  | 3494-S | 12/86 | 112.7 | 113.3 | 114.1 | 3.9 | . 7 |
| Other secondary products ................................... |  | 3533-SSS | 12/80 | 125.3 | 125.6 | 125.6 | 7.8 | 0 |
| Pumps and pumping equipment ....-................................................... |  | 3561-S | 12/80 | 112.0 | 112.0 | 112.0 | 1.5 | 0 |
| Elevators and moving stairways ................................................................. |  |  | 06/81 | 117.5 | 120.2 | 119.0 | 2.5 | -1.0 |
|  |  | 3534-P | 06/81 | 116.0 | 118.7 | 117.7 | 2.4 | -. 8 |
| Elevators and moving stairways, parts and attachments ........................ |  | 3534-1 | 06/81 | 115.6 | 118.4 | 117.4 | 2.4 | -. 8 |
| Geared electric passenger elevators, except residence lifts ................. |  | 3534-105 | 06/81 | 106.0 | 107.9 | 107.9 | 1.9 | 0 |
| Hydraulic passenger elevators ...................................................... |  | 3534-112 | 06/81 | 112.5 | 113.3 | 113.5 | 3.1 | . 2 |
| Freight elevators ........................................................................ |  | 3534-114 | 06/81 | 149.6 | ${ }^{(3)}$ | 151.9 | 2.4 | (3) |
| Hydraulic freight elevators ........................................................ |  | 3534-11415 | 06/81 | 107.5 | $\left({ }^{3}\right)$ | 109.2 | 2.0 | ${ }^{9}$ |
| Other non-farm elevators, incl. sidewalk elev., dumb waiters, man lifts, residence lifts, etc. $\qquad$ |  | 3534-196 | 06/81 | 131.9 | 131.9 | 131.9 | . 8 | 0 |
| Parts and attachments for elevators and moving stairways (sold separately) $\qquad$ <br> Miscellaneous receipts |  | $\begin{aligned} & 3534-197 \\ & 3534-M \end{aligned}$ | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | $\begin{aligned} & 141.5 \\ & 120.9 \end{aligned}$ | $141.5$ $\left({ }^{3}\right)$ | $141.5$ $\left({ }^{3}\right)$ | $\text { (3) }^{0}$ | $(3)^{0}$ |

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | $\begin{aligned} & \text { Index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Conveyors and conveying equipment | 3535 | 3535-P | $06 / 84$$06 / 84$ | 110.6109.9 |  | 112.6 | 3.9 | 0.6 |
| Primary products ........................ |  |  |  |  | 111.9 | 112.2 | 4.6 | . 5 |
| Unit handling conveyors and conveying systems, except hoists and farm elevators $\qquad$ |  | 3535-3 | 06/84 | 106.8 | 107.5 | 107.6 | 2.1 | . 1 |
| Gravity conveyors (skate wheel and roller) ........................................ |  | $\begin{aligned} & 3535-311 \\ & 3535-312 \end{aligned}$ | 06/84 | 106.2 | 108.0 | 108.0 | 2.7 |  |
| Trolley conveyors (overhead systems) |  |  | 06/84 | 106.0 | ${ }^{(3)}$ | $\left.{ }^{3}{ }^{3}\right)$ | (3) <br> (3) | $\left({ }^{3}\right)$$\left({ }^{3}\right)$ |
| Light to medium duty |  | $\begin{aligned} & 3535-312 \\ & 3535-31211 \end{aligned}$ |  | 100.0 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |  |  |
| Powered conveyors (belt and roller) .................................................. |  | 3535-314 | 06/84 | 104.9 | 105.7 | 105.8 | 1.9 | ${ }^{(3)} .1$ |
| Light to medium duty .................... |  | $\begin{aligned} & 3535-31411 \\ & 3535-31412 \end{aligned}$ | 06/84 | 106.9 | 107.7 | 107.8 | 2.0 | . 1 |
| Heavy duty ............... |  |  | 06/84 | 101.8 | 102.6 | 102.6 | ${ }^{(3)}$ | 0 |
| All other conveyors, such as pallet ... |  | 3535-317 | 06/84 | 113.8 | 114.5 | 115.1 | 4.1 | . 5 |
| Parts and accessories for unit handling conveyors and conveying systems (sold separately) $\qquad$ |  | 3535-4 | 06/84 | 122.9 | 122.2 | 123.1 | 10.3 | . 7 |
| Bulk material handling conveyors and conveying systems, except hoists and farm elevators $\qquad$ |  | 3535-5 | 06/84 | 108.8 | 111.9 | 112.6 | 4.5 | . 6 |
| Conveyors and elevators ................................................................ |  | 3535-511 | 06/84 | 108.9 | 112.0 | 112.8 | 5.0 | . 7 |
| Belt conveyors and systems ........................................................ |  | 3535-51111 | 06/84 | 112.3 | 114.5 | 115.8 | 5.2 | 1.1 |
|  |  | 3535-51112 | 08/84 | 108.8 | 108.8 | 108.8 | $\left({ }^{3}\right)$ | 0 |
| Bucket elevators ........................................................................ |  | 3535-51113 | 06/84 | 111.0 | 111.0 | 112.3 | . 4 | 1.2 |
| Pneumatic conveyors .......................................................................... |  | 3535-51114 | 08/84 | 104.2 | 117.9 | 117.9 | (3) | 0 |
| Portable conveyors, except farm ........... |  | 3535-51115 | 06/84 | 100.0 | 100.4 | 102.3 | ${ }^{(3)}$ | 1.9 |
| Vibrating conveyors |  | 3535-51117 | 09/84 | 95.7 | 95.7 | 95.7 | ${ }^{(3)}$ | 0 |
| All other conveyors and elevators, such as apron, flight, and drag ... |  | 3535-51118 | 06/84 | 107.8 | 109.0 | 109.0 | 2.6 | 0 |
| Unloading and reclaiming systems ................................................... |  | 3535-512 | 06/84 | 112.5 | 116.3 | 116.3 | ${ }^{(3)}$ | 0 |
| Vibrating feeders ........................................................................ |  | 3535-51212 | 12/88 | 100.0 | 106.8 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Loading and storing systems ............................................................. |  | 3535-513 | 06/84 | 104.8 | 104.8 | 104.8 | . 6 | 0 |
| Parts and access. for bulk material handling conveyors and conveying systems, sold separately |  | 3535-6 | 06/84 | 117.5 | 119.7 | 120.8 | 9.9 | . 9 |
| Belt conveyor idlers ....................................................................... |  | 3535-611 | 06/84 | 118.2 | 118.2 | 121.9 | 7.9 | 3.1 |
| All other parts, attachments, and accessories, sold separately ............ |  | 3535-613 | 06/84 | 117.5 | 120.8 | 120.5 | 11.3 | -. 2 |
| Secondary products and miscellaneous receipts ..................................... |  | 3535-SM   |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................. |  | $3535-\mathrm{M}$ | 06/84 | 107.8 | $\stackrel{(3)}{3}^{1}$ | 120.1 | 2.2 | 0 |
| Secondary products ...................................................................................... |  | 3535-S |  | 120.1 | 120.1 |  | 1.1 |  |
| Hoists, cranes and monorails | 3536 |  | $12 / 84$$12 / 84$ | 108.2 | 108.4 | 108.5 | 1.9 | .1.1 |
| Primary products. |  | 3536-P |  | 109.6 | 109.8 | 109.9 | 2.2 |  |
| Hoists .............. |  | 3536-1 | 12/84 | 109.6 111.7 | 111.9 | 112.0 | .84.5 | . 1 |
| Hand chain hoists, ratchet lever, and wire rope pullers |  | 3536-111 | 12/84 | 118.4 | 119.3 | 119.7 |  | . 3 |
| Electric chain hoists (roller and link) |  | $\begin{aligned} & 3536-113 \\ & 3536-116 \end{aligned}$ | 12/84 | 114.8 | 114.8(3) | 116.3 | 3.0 | $\begin{aligned} & 1.3 \\ & \left({ }^{3}\right) \end{aligned}$ |
| Electric wire rope hoists ................. |  |  | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ | 108.1 |  | 108.1 | 0 |  |
| Other hoists. |  | $\begin{aligned} & 3536-138 \\ & 3536-145 \end{aligned}$ |  | 109.7 | 109.7 | 109.7 | -1.5 | 0 |
| Parts and attachments for hoists (sold separately) ............................... |  |  | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ | 113.1 | $\begin{aligned} & 113.1 \\ & 107.2 \end{aligned}$ | 113.1 | 3.0 | 0 |
| Overhead traveling cranes and monorail systems ................................. |  | 3536-2 | 12/84 | 106.9 |  | 107.1 | 4.0 | -. 1 |
| Cranes, except construction power cranes ........................................ |  | 3536-21 | 12/84 | 108.0 | 108.3 | 108.2 | 4.5 | -r 0 |
| Electric overhead traveling cranes ................................................ |  | 3536-212 | 12/84 | 108.0 | 108.3 | 108.3100.3 | 4.8 |  |
| Single top running bridge type .................................................. |  | 3536-21207 | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ | 100.3 | 100.3 |  | . 6 | 0 |
| Double top running bridge type ................................................. |  | $\begin{aligned} & 3536-21208 \\ & 3536-21209 \end{aligned}$ |  | $\begin{aligned} & 108.8 \\ & 113.0 \end{aligned}$ | 108.9 | 108.9 | 5.5 | 0 |
| Under running bridge type ........................................................ |  |  | $\begin{aligned} & 12 / 84 \\ & 12 / 84 \end{aligned}$ |  | 115.2 | 115.2 | 6.0 | 0 |
| Other overhead traveling cranes ................................................... |  | 3536-216 | $12 / 84$ | 107.6 | 107.9 | 107.9 | . 7 | . 0 |
| Parts and attachments for cranes and monorail systems (sold separately) $\qquad$ |  | 3536-26 |  | 99.7 | 100.0 | 100.0 | . 8 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  | 3536-SM |  |  | $\begin{gathered} (3) \\ 101.1 \end{gathered}$ |  | 0.1 |  |
| Miscellaneous receipts ..................................................................... |  | 3536-M | $12 / 84$ | $\begin{aligned} & 104.0 \\ & 101.1 \end{aligned}$ |  | $\begin{aligned} & 104.0 \\ & 101.1 \end{aligned}$ |  | $(3)_{0}$ |
| Secondary products ................................................................................... |  | 3536-S | $12 / 84$ |  |  |  |  |  |
| Industrial trucks and tractors .................................................................................. | 3537 |  | 12/79 | 127.2 | 130.9 | 130.5 | 5.9 |  |
| Primary products ................................................................................ |  | 3537-P | 12/79 | 126.7 | 130.1 | 129.8 | 5.3 | -. 2 |
| Industrial trucks and tractors, motorized and hand powered .................... |  | 3537-1 | 12/79 | 123.7 | 125.5 | 125.3 | 3.9 | -. 2 |
| Internal combustion trucks and tractors ............................................ |  | 3537-1A | 12/79 | 121.5 | 124.2 | 124.2 | 4.0 | 0 |
| Internal combustion trucks .......................................................... |  | 3537-13 | 12/79 | 121.2 | 123.9 | 123.9 | 4.1 | 0 |
| Internal combustion trucks under 6000 lb c capacity ........................ |  | 3537-136 | 12/79 | 114.7 | 118.0 | 118.0 | 5.0 | 0 |
| Internal combustion trucks, $6000-14,999 \mathrm{lb}$. capacity ................. |  | 3537-137 | 12/79 | 121.8 | 125.3 | 125.3 | 3.0 | 0 |
| Internal combustion trucks, over 14,999 lb. capacity ...................... |  | 3537-138 | 12/79 | 144.6 | 144.9 | 144.9 | 4.9 | 0 |
| Motorized handtrucks .............................. |  | 3537-111 | 12/79 | 116.6 | 118.4 | 118.4 | 4.2 | 0 |
| Operator-riding electric trucks ........................................................ |  | 3537-123 | 12/79 | 119.3 | 120.5 | 120.5 | 5.1 | 0 |
| Other powered trucks and tractors .................................................. |  | 3537-149 | 12/86 | 108.5 | 108.5 | 108.5 | 4.6 | 0 |
| Handlitt trucks, handtrucks, trailers, and dollies .................................. |  | 3537-16 | $12 / 79$ $12 / 79$ | 147.1 | 147.1 | 147.1 | 6.7 | 0 |
| Other handtrucks, trailers, and dollies ........................................... |  | 3537-165 | 12/79 | 141.9 | 141.9 | 141.9 | 6.6 | 0 |
| All other industrial trucks and tractors ............................................. |  | 3537-197 | 12/86 | 99.7 | 100.2 | 99.6 | -. 1 | -. 6 |
| Parts, attachments, and accessories for industrial trucks and tractors .... |  | 3537-3 | 12/86 | 107.0 | 114.2 | 113.9 | 10.0 | -. 3 |
| Secondary products and miscellaneous receipts .......................................... |  | 3537-SM |  |  |  |  |  |  |
| Miscellaneous receipts ......................................................................... |  | 3537-M | 12/86 | 116.1 | 118.7 | 118.7 | 17.3 | 0 |
| Resales ....................................................................................... |  | 3537-289 | 12/86 | 97.3 | 99.4 | 99.4 | 5.1 | 0 |
| Secondary products ............................................................................ |  | 3537-S | 12/79 | 119.2 | 128.9 | 125.6 | 7.0 | -2.6 |
| Machine tools, metal cutting types ......................................................................... | 3541 |  | 06/83 | 119.2 | 119.5 | 120.2 | 6.0 | . 6 |
| Primary products ............................................................................... |  | 3541-P | 06/83 | 118.0 | 118.2 | 118.9 | 5.5 | . 6 |
| Boring machines |  | 3541-1 | 06/83 | 105.2 | 107.6 | 107.6 | 4.5 | 0 |
| Drilling machines ................................................................................. |  | 3541-2 | 06/83 | 111.6 | 112.2 | 112.2 | 3.2 | 0 |
| All drilling machines valued at \$2500 each or more ............................. |  | 3541-2B | 06/83 | 109.7 | 110.2 | 110.2 | 3.2 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product' | Industry code | Product $\operatorname{cod} \theta$ | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Machine tools, metal cutting types-Continued |  |  |  |  |  |  |  |  |
| Multiple spindle drilling machines ..... |  | 3541-261 | 08/83 | 109.8 | 109.8 | 109.8 | 2.7 | 0 |
| Adjustable joint and fixed center types ........................................ |  | 3541-26152 | 08/83 | 113.4 | 113.4 | 113.4 | 2.6 | . |
| Grinding, polishing, buffing, honing, and lapping machines ...................... |  | 3541-4 | 06/83 | 131.7 | 132.2 | 132.9 | 8.4 | . 5 |
| All grinding, polishing, buffing, honing, and lapping machines valued under $\$ 2500$ |  | 3541-4A | 06/83 | 140.6 | 140.6 | 140.6 | 7.2 | 0 |
| All grinding, polishing, buffing, honing, and lapping machines valued under \$2500 each $\qquad$ |  | 3541-401 | 06/83 | 140.6 | 140.6 | 140.6 | 7.2 | 0 |
| All grinding, polishing, buffing, honing, and lapping machines valued at $\$ 2500$ each or more $\qquad$ |  | 3541-4B | 06/83 | 131.3 | 131.9 | 132.6 | 8.4 | . 5 |
| External cylindrical grinding machines .-......................................... |  | 3541-409 | 06/83 | 141.0 | 141.0 | 141.0 | 8.7 | 0 |
| Plain, including angular wheel types ......... |  | 3541-40911 | 06/88 | 117.1 | 117.1 | 117.1 | 17.1 | 0 |
| Internal cylindrical grinding machines, including centerless plain and chucking type $\qquad$ |  | 3541-423 | 06/83 | 126.2 | 126.2 | 132.5 | 11.8 | 5.0 |
| Surface grinding machines, all types ..............................................- |  | 3541-431 | 06/88 | 106.8 | 107.7 | 108.1 | 8.0 | . 4 |
| Tool and cutter grinding machines ...... |  | 3541-452 | 07/83 | 114.1 | 116.8 | 116.8 | 7.9 | 0 |
| All other grinding machines, n.e.c., including thread grinding machines $\qquad$ |  | 3541-492 | 06/83 | 130.5 | 132.4 | 132.4 | 11.1 | 0 |
| Turning machines (lathes), all types ................................................... |  | 3541-5 | 06/83 | 107.1 | 107.3 | 108.7 | 9.1 | 1.3 |
| Horizontal numerically controlled turning machines, valued at $\mathbf{\$ 2 5 0 0}$ each or more $\qquad$ |  | $3541-519$ | 06/83 | 99.6 | 100.6 | 100.8 | 8.7 | 2 |
| Horizontal spindle numerically controlled turning machines, small |  | 3541-51911 | 06/83 | 95.2 | 95.4 | 95.7 | 3.1 | . 3 |
| Vertical numerically controlled turning machines, valued at $\$ 2500$ each or more $\qquad$ |  | 3541-528 | 06/83 | 100.5 | 96.8 | 104.3 | 15.6 | 7.7 |
| Vertical spindle turning machines ................................................ |  | 3541-52824 | 06/83 | 98.1 | 94.5 | 101.8 | 15.6 | 7.7 |
| Non-numerically controlled turning machines .................................... |  | 3541 -59 | 06/83 | 114.6 | 115.7 | 115.7 | 7.0 | 0 |
| All lathes (turning machines) valued at \$2500 each or more ........... |  | 3541-59B | 06/83 | 114.9 | 115.9 | 115.9 | 7.0 | 0 |
| Milling machines ............................................................................. |  | 3541-6 | 06/83 | 113.0 | 113.0 | 113.0 | 2.5 | 0 |
| All milling machines valued at $\$ 2500$ each or more ..................... |  | 3541-6B | 06/83 | 113.0 | 113.0 | 113.0 | 2.5 | 0 |
| Other metal cutting type machine tools ........................... |  | 3541 -7 | 06/83 | 125.5 | 125.1 | 126.3 | 5.6 | 1.0 |
| Machining centers. |  | 3541-71 | 06/83 | 109.0 | 109.5 | 113.3 | 8.8 | 3.5 |
| Drill, mill, bore, horizontal (automatic tool change) ... |  | 3541-716 | 06/83 | 112.5 | 113.3 | 116.2 | 9.6 | 2.6 |
| Y - axis travel less than 27 inches ........................................... |  | $3541-71611$ | 06/83 | 119.6 | 121.5 | 125.3 | 15.7 | 3.1 |
| $Y$ - axis travel 27 inches through 40 inches ................................ |  | 3541.71613 | 06/83 | 102.7 | 102.7 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) |
| Y - axis travel over 40 inches .................................................... |  | 3541 -71615 | 06/83 | 113.9 | 114.4 | 118.8 | 12.8 | 3.8 |
| Station type machines ............... |  | 3541-732 | 06/83 | 136.1 | 135.3 | 135.5 | 5.0 | . 1 |
| Dial or rotary, trunnion and center column ..................................... |  | 3541-73231 | 06/83 | 115.5 | 115.0 | 115.0 | 3.4 | 0 |
| Transfer |  | 3541-73235 | 06/83 | 139.8 | 139.0 | 139.2 | 5.1 | 1 |
| Other metal cutting machine tools ................................................... |  | 3541 -79 | 06/83 | 116.7 | 116.1 | 116.1 | 3.3 | 0 |
| All other metal cutting machine tools, n.e.c. valued at $\$ 2500$ each or more $\qquad$ |  | 3541-79B | 06/83 | 116.8 | 116.1 | 116.1 | 2.7 | 0 |
| Sawing and cutoff machines ..................................................... |  | 3541-794 | 06/83 | 117.4 | 118.1 | 118.1 | . 9 | 0 |
| Miscellaneous metal cutting machine tools ................................... |  | 3541-797 | 06/83 | 134.5 | 135.5 | 135.5 | 5.9 | 0 |
| Parts for metal cutting type machine tools, sold separately, and rebuilt machine tools |  | 3541-9 | 06/83 | 115.5 | 116.1 | 116.1 | 3.1 | 0 |
| Parts for metal cutting type machine tools, sold separately .................. |  | $3541-911$ | 06/83 | 115.5 | 116.2 | 116.2 | 2.3 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3541-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 3541-M | 06/83 | 130.1 | 130.4 | 130.8 | 16.7 | 3 |
| Contract work and other miscellaneous receipts ................................ |  | 3541-XY9 | 06/88 | 128.7 | 128.7 | 128.7 | 28.7 | 0 |
| Resales ...................................................................................... |  | 3541-Z89 | 06/83 | 114.5 | 115.1 | 115.9 | 3.3 | . 7 |
| Secondary products .......................................................................... |  | 3541-S | 06/83 | 122.7 | 123.0 | 123.0 | 3.0 | 0 |
| Metal forming machine tools .................................................................................. | 3542 |  | 06/81 | 125.9 | 126.5 | 126.7 | 3.9 | . 2 |
| Primary products ................................................................................ |  | 3542-P | 06/81 | 127.3 | 128.1 | 128.3 | 4.0 | . 2 |
| Punching, shearing, bending, and forming machines ............................. |  | 3542-1 | 06/81 | 117.3 | 117.4 | 117.4 | 1.7 | 0 |
| Bending and forming machinery ...................................................... |  | 3542-131 | 06/81 | 116.1 | 116.3 | 116.3 | 1.8 | 0 |
| Press brakes |  | 3542-13113 | 06/81 | 131.9 | $\left({ }^{3}\right)$ | ${ }^{3}$ ) | (3) | $\left({ }^{3}\right)$ |
| Other bending and forming machines including folders ..................... |  | 3542-13118 | 12/86 | 108.2 | 108.2 | 108.2 | 4.0 | 0 |
| Presses, except forging .................................................................... |  | 3542-2 | 06/81 | 122.8 | 123.4 | 123.4 | 4.0 | 0 |
| Mechanical presses ....................................................................... |  | 3542-211 | 06/81 | 117.9 | 118.8 | 118.8 | 3.7 | 0 |
| Open back inclinable-gap type |  | 3542-21111 | 06/81 | 136.5 | ${ }^{(3)}$ | 137.4 | 15.3 | (3) |
| Vertical, straight-sided and arch frame ............................................ |  | 3542-21112 | 06/81 | 119.4 | 122.9 | 123.0 | 7.7 | . 1 |
| Hydraulic presses ......................................................................... |  | 3542-212 | 06/81 | 134.8 | 134.8 | ${ }^{3}$ ) | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ |
| Rebuilt metal forming machine tools and parts for metal forming machine tools $\qquad$ |  | 3542-4 | 06/81 | 137.5 | 139.4 | 140.2 | 4.9 | . 6 |
| Parts for metal forming machine tools ............................................. |  | 3542-413 | 06/81 | 136.1 | 138.4 | 139.3 | 4.2 | . 7 |
| Secondary products and miscellaneous receipts |  | 3542-SM |  |  |  |  |  |  |
| Secondary products |  | 3542-S | 06/81 | 124.8 | 124.8 | 124.8 | 4.1 | 0 |
| Industrial patterns ..................................................................................... | 3543 |  | 12/84 | 107.6 | 110.0 | 109.7 | 3.8 | -. 3 |
| Primary products .................................................................................... |  | 3543-P | 12/84 | 107.5 | 109.9 | 109.6 | 3.6 | -. 3 |
| Industrial patterns, except shoe patterns ............................................. |  | 3543 -1 | 12/84 | 107.5 | 109.9 | 109.6 | 3.6 | -. 3 |
| Foundry patterns .......................................................................... |  | 3543-115 | 12/84 | 106.2 | 109.0 | 108.6 | 4.0 | -. 4 |
| All other industrial patterns, except shoe patterns ............................... |  | 3543-198 | 12/84 | 112.9 | 114.1 | 114.2 | 2.5 | . 1 |
|  |  | 3543-SM |  |  |  |  |  |  |
| Secondary products |  | 3543-S | 12/84 | 109.1 | 111.2 | 111.2 | 7.0 | 0 |
| Special tools, dies, jigs, fixtures and industrial molds ..................................... | 3544 |  | 06/81 | 119.9 | 121.4 | 121.4 | 2.6 | 0 |
| Primary products ................................................................................ |  | 3544-P | 06/81 | 120.9 | 122.5 | 122.4 | 2.9 | -. 1 |
| Special tools, dies, ligs and fixtures .................................................... |  | 3544-1 | 06/81 | 123.4 | 125.2 | 125.3 | 3.6 | . 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Other machinists' precision tools, incl. dividers and surface texture measuring machines |  | 3545-299 | 06/88 | 103.8 | 103.8 | 103.8 | 3.8 | 0 |
| Other attachments and accessories for machine tools and metalworking machinery $\qquad$ |  | 3545-3 | 06/83 | 113.0 | 114.9 | 116.0 | 4.9 | 1.0 |
| Tool holders ................................................................................ |  | 3545-31 | 06/83 | 113.9 | 113.9 | 116.0 | 6.3 | 1.8 |
| Turning tool holders (mechanically clamping for inserts and bits), except box tools $\qquad$ |  | 3545-312 | 06/83 | 112.3 | 112.3 | 114.8 | 5.6 | 2.2 |
| Boring bars and heads .................................................................. |  | 3545-314 | 06/83 | 115.0 | 115.0 | 115.0 | 3.2 | 0 |
| Special tooling and attachments for screw and automatic machines |  | 3545-316 | 06/83 | 108.5 | 108.8 | 108.8 | . 3 | 0 |
| Drilling, reaming, and tapping chucks ................................................ |  | 3545-317 | 06/83 | 101.6 | 101.6 | 101.6 | 3.9 | 0 |
| Other tool holders, including other chucks, drill heads, tool posts, turrets, sleeves, etc. $\qquad$ |  | 3545-318 | 06/83 | 123.2 | 123.2 | 126.0 | 9.8 | 2.3 |
| Work holding devices .................................................................... |  | 3545-34 | 06/83 | 110.5 | 115.4 | 115.6 | 5.3 | . 2 |
| Other work holding and positioning devices, including vises, mandrels, clamps, stops, etc. $\qquad$ |  | 3545-349 | 06/83 | 110.8 | 117.0 | 117.3 | 6.6 | . 3 |
| Other attachments and accessories and tool room specialties ............. |  | 3545-399 | 06/88 | 100.6 | 102.8 | 102.7 | 2.2 | -. 1 |
| Secondary products and miscellaneous receipts ........................................ |  | 3545-SM |  |  |  |  |  |  |
| Miscellaneous receipts .......................................................................... |  | 3545-M | 01/87 | 111.9 | 112.0 | 112.0 | 1.0 | 0 |
| Resales ................................................................................. |  | 3545-Z89 | 01/87 | 116.0 | 116.1 | 116.1 | 4.1 | 0 |
| Secondary products .......................................................................... |  | 3545-S | 06/83 | 114.8 | 118.9 | 118.9 | 7.4 | 0 |
| Power driven hand tools | 3546 |  | 12/80 | 134.3 | 134.9 | 135.6 | 4.8 | . 5 |
| Primary products |  | 3546-P | 12/80 | 132.2 | 132.4 | 133.5 | 5.0 | 8 |
| Power driven hand tools, electric and battery powered ................... |  | 3546-1 | 12/80 | 129.9 | 129.9 | 132.1 | 5.6 | 1.7 |
| Circular saws: armature mounted primarily on sleeve bearings ............ |  | 3546-112 | 12/80 | 103.8 | 103.8 | 105.5 | 6.1 | 1.6 |
| Impact wrenches ........................................................................... |  | 3546-125 | 12/80 | 155.1 | 155.1 | 155.1 | . 2 | 0 |
| Drills: armalure mounted primarily on other than sleeve bearings ........ |  | 3546-182 | 12/80 | 135.9 | 135.9 | 138.3 | 6.1 | 1.8 |
| Over $1 / 4$ inch chuck size to under $1 / 2$ inch .................................. |  | 3546-18207 | 12/80 | 125.9 | 125.9 | 129.0 | 10.1 | 2.5 |
| Grinders, polishers, and circular sanders except bench grinders .......... |  | 3546-183 | 12/80 | 153.5 | 153.5 | 155.7 | 4.6 | 1.4 |
| Right angle grinders, polishers, and circular sanders ........................ |  | 3546-18326 | 12/80 | 159.9 | 159.9 | 162.9 | 5.0 | 1.9 |
| Sanders, except circular ................................................................ |  | 3546-184 | 12/80 | 135.9 | 135.9 | 137.7 | 6.0 | 1.3 |
| Belt ........................... |  | 3546-18433 | 12/80 | 141.8 | 141.8 | 144.9 | 10.4 | 2.2 |
| Oscillating, reciprocating and vibrating .................................. |  | 3546-18434 | 12/80 | 130.7 | 130.7 | 131.4 | 2.1 | . 5 |
| Power driven hand tools, pneumatic, hydraulic and powder actuated ..... |  | 3546-2 | 12/80 | 141.8 | 142.4 | 142.3 | 4.1 | -. 1 |
| Drills, screwdrivers, nutrunners - pneumatic ...................................... |  | 3546-238 | 12/80 | 146.0 | 149.9 | 148.7 | 5.2 | -. 8 |
| Grinders, polishers, sanders - pneumatic .......................................... |  | 3546-243 | 12/80 | 146.8 | 146.8 | 146.8 | 1.9 | 0 |
| Other pneumatic powered hand tools and hydraulic powered hand tools |  | 3546-249 | 12/80 | 143.5 | 143.5 | 145.3 | 5.7 | 1.3 |
| Parts, attachments, and accessories for pneumatic, hydraulic and powder actuated tools $\qquad$ |  | 3546-255 | 12/80 | 147.2 | 147.0 | 147.0 | 4.2 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | $3546-S M$ $3546-S$ |  |  |  |  |  |  |
| Secondary products ........................................................................................ |  | 3546-S | 12/80 | 130.2 | 131.0 | 132.8 | 4.9 | 1.4 |
| Rolling mill machinery | 3547 |  | 12/81 | 124.3 | 125.4 | 130.3 | 8.3 | 3.9 |
| Primary products |  | 3547-P | 12/81 | 124.6 | 126.2 | 127.7 | 4.5 | 1.2 |
| Hot rolling mill machinery, except tube rolling ........................................... |  | 3547-1 |  |  |  |  |  |  |
| Metalworking machinery, not elsewhere classified ......................................... | 3549 |  | 06/83 | 120.4 | 121.0 | 122.0 | 5.2 | 8 |
| Primary products ................................................................................. |  | 3549-P | 06/83 | 120.5 | 121.1 | 122.2 | 5.5 | . 9 |
| Assembly machines ......................................................................... |  | 3549-2 | 06/83 | 116.0 | 116.3 | 117.6 | 3.7 | 1.1 |
| In-line transfer, synchronous .......................................................... |  | 3549-215 | 11/84 | 112.8 | 112.8 | 112.8 | 2.6 | 0 |
| Special purpose and all other types ................................................ |  | 3549-219 | 06/83 | 114.7 | 115.5 | 118.2 | 5.5 | 2.3 |
| Welding and cutting apparatus, except electric ..................................... |  | 3549-3 | 06/83 | 121.9 | 122.8 | 122.7 | 5.0 | -. 1 |
| Gas welding and cutting equipment .................................................. |  | 3549-36 | 06/83 | 120.1 | 121.1 | 121.2 | 3.8 | . 1 |
| Torches, including welding torches and gas air torches ................... |  | 3549-361 | 08/83 | 113.6 | 113.6 | 113.6 | 2.4 | 0 |
| Other gas welding and cutting equipment, exclude pressure containers, include kits |  | 3549-369 | 06/83 | 118.8 | 119.2 | 119.4 | 3.6 | . 2 |
| Spare parts, accessories, attachments, adaptors, etc., n.e.c., sold separately |  | 3549-37 | 06/83 | 124.5 | 125.3 | 125.0 | 6.7 | -. 2 |
| Tips ............................................................................................ |  | 3549-371 | 06/83 | 117.0 | 117.0 | 117.0 | 6.0 | 0 |
| Cutting tip ............................................................................... |  | 3549-37156 | 06/83 | 117.0 | 117.0 | 117.0 | 6.0 | 0 |
| Regulators, gas pressure ............................................................. |  | 3549-377 | 06/83 | 127.6 | 127.6 | 127.6 | 7.4 | 0 |
| All others .................................................................................. |  | 3549-378 | 10/83 | 128.6 | 130.6 | 129.7 | 6.7 | -. 7 |
| Spare parts, accessories, attachments, adaptors, except for gas equip., sold separately $\qquad$ |  | 3549-391 | 06/83 | 102.8 | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{3}$ | ${ }^{(3)}$ |
| Automotive maintenance equipment ................................................... |  | 3549-4 | 06/83 | 111.2 | 112.3 | 113.2 | 4.0 | . 8 |
| Wheel balancers ..................................................................... |  | 3549-422 | 06/83 | 96.7 | 96.9 | 98.1 | 4.6 | 1.2 |
| Parts for automotive maintenance equipment .................................... |  | 3549-428 | 06/83 | 120.3 | 123.2 | ${ }^{(3)}$ | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ |
| All other automotive maintenance equipment .................................... |  | . 3549 -429 | 06/83 | 113.4 | 115.5 | 115.3 | 4.3 | -. 2 |
| Other metalworking machinery .......................................................... |  | 3549-5 | 06/83 | 127.5 | 127.8 | 129.9 | 7.7 | 1.6 |
| Machines for weaving and wire fabricating and wire drawing machines and draw benches $\qquad$ |  | 3549-511 | 06/83 | 137.2 | 138.1 | 138.1 | 8.5 | 0 |
| Coil handling equipment (conversion or straightening) ........................ |  | 3549-541 | 06/83 | 120.6 | $\left.{ }^{3}\right)$ | 125.3 | 12.3 | $\left.{ }^{3}\right)$ |
| All other metalworking machinery n.e.c. ........................................... |  | 3549-598 | 06/83 | 127.4 | 127.6 | 128.9 | 4.7 | 1.0 |
| Secondary products and miscellaneous receipts ....................................... |  | 3549-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................... |  | 3549-M | 06/83 | 109.3 | 109.3 | 109.3 | . 4 | 0 |
| Resales .............................................................. |  | 3549-Z89 | 06/83 | 117.8 | 117.8 | 117.8 | . 6 | 0 |
| Secondary products ............................................................................. |  | 3549-S | 06/83 | 128.0 | 129.5 | 130.2 | 5.5 | . 5 |
| Special industry machinery, except metalworking machinery ........................... | 355 |  | 12/84 | 116.6 | 117.7 | 117.8 | 4.3 | . 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{aligned} & \text { June } \\ & 1989^{2} \end{aligned}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Textile machinery | 3552 |  | 12/80 | 143.5 | 146.1 | 147.0 | 4.5 | 0.6 |
| Primary products |  | 3552-P | 12/80 | 144.6 | 147.7 | 148.0 | 4.2 | . 2 |
| Textile machinery ....................................................................... |  | 3552-1 | 12/80 | 149.0 | 150.6 | 150.9 | 5.4 | . 2 |
| Fiber-to-fabric textile machinery ................................................. |  | 3552-18 | 06/86 | 107.3 | 107.6 | 107.7 | 3.7 | . 1 |
| Other fiber to fabric machinery, except parts and attachments ........ |  | 3552-154 | 06/86 | 105.4 | 105.7 | 105.8 | 3.0 | . 1 |
| Other textile machinery ............................................................... |  | 3552-1C | 06/86 | 112.9 | 112.9 | 113.3 | 6.1 | . 4 |
| Bleaching, dyeing, and finishing equipment ................................... |  | 3552-185 | 12/80 | 137.9 | 137.9 | 137.9 | 10.2 | 0 |
| Other textile machinery ................................................................... |  | 3552-199 | 12/80 | 134.0 | 134.0 | 135.1 | 2.3 | . 8 |
| Parts and attachments for textile machinery ......................................... |  | 3552-2 | 12/80 | 140.4 | 144.8 | 145.1 | 3.1 | . 2 |
| Textile machinery turnings and shapes ........................................... |  | 3552-211 | 12/80 | 180.4 | 180.4 | 180.4 | 3.0 | 0 |
| Parts and attachments for other textile machinery, including printing |  | 3552-299 | 12/80 | 124.6 | 132.4 | 133.4 | 7.1 | . 8 |
| Woodworking machinery . | 3553 |  | 12/80 | 123.8 | 123.8 | 124.5 | 5.3 | . 6 |
| Primary products ............................................................................... |  | 3553-P | 12/80 | 127.9 | 128.0 | 128.8 | 5.1 | . 6 |
| Woodworking machinery, excluding home workshop types, incl. parts ..... |  | 3553-1 | 12/80 | 118.7 | 118.8 | 119.6 | 4.0 | . 7 |
| Sawmill equipment ........................................................................ |  | 3553-112 | 12/80 | 125.2 | 125.2 | 125.2 | 4.2 | 0 |
| Sawing machines, except sawmill equipment .................................... |  | 3553-162 | 12/80 | 126.0 | 126.0 | 126.0 | -1.4 | 0 |
| Straight-line machinery, including jointers, moulders, planers, sanders, surfacers, etc. |  | 3553-173 | 12/80 | 131.1 | 131.3 | 131.6 | 5.2 | 2 |
| Boring machinery, carving machinery, dovetailers, mortisers, routers, shapers, and tenoners $\qquad$ |  | 3553-175 | 12/80 | 118.4 | 118.4 | 119.6 | 1.4 | 1.0 |
| Parts, attachments and accessories: cutting tools other than saw blades $\qquad$ |  | 3553-185 | 12/80 | 76.3 | $\left({ }^{3}\right)$ | 76.3 | -. 4 | $\left({ }^{3}\right)$ |
| All other parts, attachments, and accessories, excluding saw blades ... Other woodworking machinery, including lathes, clamping machinery, |  | 3553-187 | 12/80 | 114.7 | 114.7 | 114.7 | 8.1 | 0 |
| presses, roll coaters, etc. |  | 3553-198 | 12/80 | 155.2 | 155.2 | 157.9 | 6.3 | 1.7 |
| Secondary products and miscellaneous receipts ....................................... |  | 3553-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................................................ |  | 3553-M | 04/81 | 51.6 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Resales.. |  | 3553-789 | 04/81 | 51.6 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Secondary products ....................................................................... |  | 3553-S | 12/80 | 133.8 | 134.0 | 134.4 | 7.8 | . 3 |
| Paper industries machinery | 3554 |  | 06/82 | 128.6 | 130.6 | 130.7 | 7.6 | . 1 |
| Primary products ................................................................................. |  | 3554-P | 06/82 | 127.0 | 129.0 | 129.2 | 8.3 | 2 |
| Pulp mill machinery .......................................................................... |  | 3554-2 | 06/82 | 122.0 | 122.4 | 122.4 | 11.0 | 0 |
| Parts and attachments for pulp mill machinery (sold separately) .......... |  | 3554-281 | 06/82 | 117.2 | 118.4 | 118.4 | 10.4 | 0 |
| Papermill machinery ......................................................................... |  | 3554-3 | 06/82 | 128.0 | 131.0 | 131.4 | 10.8 | . 3 |
| Paper machines |  | 3554-342 | 06/82 | 137.3 | 141.0 | 141.0 | 12.4 | 0 |
| Parts and attachments for papermill machinery (sold separately) .......... |  | 3554-381 | 06/82 | 112.0 | 114.6 | 114.6 | 5.9 | 0 |
| Paper and paperboard converting equipment ....................................... |  | 3554-4 | 06/82 | 131.6 | 133.5 | 133.7 | 6.0 | . 1 |
| Corrugated boxmaking machines, including corrugators ....................... |  | 3554-453 | 06/82 | 132.3 | 132.3 | 132.3 | 5.6 | 0 |
| Other paper/paperboard equip., incl. drum, can and tubemaking, coating and laminating mach $\qquad$ |  | 3554-459 | 06/82 | 127.6 | 129.5 | 129.9 | 6.5 | 3 |
| Parts and attachments for paper and paperboard converting mach. (sold separately) |  | 3554-481 | 06/82 | 140.1 | 140.3 | 140.4 | 2.9 | . 1 |
| Secondary products and miscellaneous receipts ..................................... |  | 3554-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3554-M | 06/82 | 142.5 | 143.0 | 143.0 | 1.2 | 0 |
| Secondary products ......................................................................... |  | 3554-S | 06/82 | 128.7 | 131.1 | 130.9 | 8.4 | -. 2 |
| Printing trades machinery | 3555 |  | 12/82 | 123.4 | 124.8 | 124.7 | 3.0 | -. 1 |
| Primary products ....... |  | 3555-P | 12/82 | 122.9 | 124.4 | 124.3 | 3.1 | -. 1 |
| Lithographic printing presses ............................................................. |  | 3555-1 | 12/82 | 135.5 | 137.4 | 136.8 | 2.7 | -. 4 |
| Web-fed ........................................................................................ |  | 3555-13 | 12/88 | 101.6 | 103.1 | 102.6 | ${ }^{(3)}$ | -. 5 |
| Newspaper presses, web-fed |  | 3555-132 | 08/83 | 130.2 | ${ }^{(3)}$ | 130.2 | 1.6 | $\left({ }^{3}\right)$ |
| Business forms presses, web-fed .................................................. |  | 3555-133 | 12/82 | 148.2 | $(3)^{3}$ | 152.9 | 4.8 | $\left({ }^{3}\right)$ |
| Commercial presses, web-fed ...................................................... |  | 3555-135 | 12/82 | 120.8 | 123.4 | 122.7 | 3.6 | -. 6 |
| Printing presses, other than lithographic .............................................. |  | 3555-2 | 12/82 | 120.8 | 128.2 | 129.2 | 7.6 | 8 |
| Flexographic presses, sheet-fed and web-fed ................................... |  | 3555-238 | 12/82 | 126.6 | 126.7 | 130.3 | ${ }^{3}$ ) | 2.8 |
| Typesetting machinery and equipment, excluding justifying typewriters .... |  | 3555-3 | 12/88 | 99.1 | 99.1 | 99.1 | $\left.{ }^{3}\right)$ | 0 |
| Photographic typesetting machinery, including integral computer ......... |  | 3555-343 | 12/88 | 99.0 | 99.0 | 99.0 | (3) | 0 |
| Binding machinery and equipment ....................................................... |  | 3555-6 | 12/88 | 101.2 | 103.0 | 103.2 | (3) | 2 |
| Saddle, perfect and hardcase binding equipment .............................. |  | 3555-661 | 12/88 | 101.4 | 103.1 | 103.1 | (3) | 0 |
| Other binding machinery and equipment, incl. folding equipment .......... |  | 3555-665 | 12/82 | 135.3 | 135.3 | 135.3 | ${ }^{(3)}$ | 0 |
| Collating and gathering machines .................................................... |  | 3555-667 | 12/82 | ${ }^{(3)}$ | ${ }^{(3)}$ | 135.5 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Printing trades machinery, n.e.c. ........................................................ |  | 3555-7 | 12/88 | 101.0 | 100.9 | 101.0 | $\left.{ }^{3}\right)$ | . 1 |
| Parts, attachments and accessories for printing presses, incl. dryers, folders and reels $\qquad$ |  | 3555-783 | 12/82 | 131.0 | 130.7 | 130.8 | 4.9 | . 1 |
| Parts, attachments and accessories for bindery machinery ................. |  | 3555-787 | 12/82 | 125.6 | 126.3 | 128.4 | ( ${ }^{3}$ ) | 1.7 |
| Parts, attachments and accessories for other printing trades machinery $\qquad$ |  | 3555-789 | 12/82 | 115.7 | 120.5 | 120.5 | -1.1 | 0 |
| Other printing machinery and equipment, including platens ................. |  | 3555-799 | 12/82 | 109.1 | 106.8 | 106.8 | -3.2 | 0 |
| Secondary products and miscellaneous receipts ............................................ |  | 3555-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3555-M | 12/82 | 132.5 | 132.9 | 132.9 | 1.5 | 0 |
| Contract work and other miscellaneous receipts ................................ |  | 3555-XY9 | 12/88 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Resales ....................................................................................... |  | 3555-Z89 | 12/88 | 101.0 | 101.6 | 101.6 | $\left.{ }^{3}\right)$ | 0 |
| Food products machinery .................................................................................. | 3556 |  | 12/83 | 122.6 | 123.7 | 123.8 | 4.0 | . 1 |
| Primary products ................................................................................ |  | 3556-P | 12/83 | 125.8 | 127.0 | 127.0 | 5.2 | 0 |
| Dairy and milk products plant machinery ............................................. |  | 3556-1 | 12/83 | 121.3 | 121.3 | 121.3 | 5.2 | 0 |
| Other dairy and milk machinery, including separators and sterilizing equipment |  | 3556-198 | 12/83 | 116.8 | 116.8 | 116.8 | 3.2 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Food products machinery-Continued | 3559 |  |  |  |  |  |  |  |
| Commercial food products machinery |  | 3556-2 | 12/83 | 125.0 | 127.6 | 127.5 | 3.7 | -0.1 |
| Commercial food products machinery, except bakery equipment .......... |  | 3556-2A | 12/88 | 100.7 | 102.4 | 102.5 | ${ }^{(3)}$ | . 1 |
| Slicers ..................................................................................... |  | 3556-212 | 12/83 | 120.3 | 122.4 | 122.9 | ${ }^{(3)}$ | . 4 |
| Choppers, grinders, cutters, dicers, and similar machines .............. |  | 3556-221 | 12/88 | 100.1 | 102.4 | 102.4 | ${ }^{(3)}$ | 0 |
| Other commercial food preparation machinery, including tenderizers (power driven) $\qquad$ |  | 3556-249 | 12/83 | 120.8 | 123.2 | 123.0 | 1.6 | -. 2 |
| Bakery machinery and equipment ................................................... |  | 3556-28 | 12/88 | 103.7 | 106.6 | 106.2 | ${ }^{(3)}$ | -. 4 |
| Dough mixers ............................................................................. |  | 3556-261 | 12/83 | 124.2 | 124.2 | 124.2 | ${ }^{(3)}$ | 0 |
| Bake ovens .............................................................................. |  | 3556-273 | 12/83 | 112.3 | 112.8 | 112.8 | ${ }^{(3)}$ | . 0 |
| Other bakery machinery and equipment |  | 3556-292 | 12/88 | 103.2 | 107.8 | 107.2 | ${ }^{(3)}$ | -. 6 |
| Parts and attachments for commercial food preparation machinery ...... |  | 3556-251 | 12/83 | 142.0 | 144.5 | 144.5 | ${ }^{(3)}$ | 0 |
| Industrial food products machinery ..................................................... |  | 3556-3 | 12/83 | 118.5 | 118.8 | 119.0 | 6.3 | . 2 |
| Meat and poultry processing machinery ............................................ |  | 3556-313 | 12/83 | 119.0 | 122.3 | 122.3 | 3.7 | 0 |
| Preparation machinery (fruit and vegetable canning) .......................... |  | 3556-323 | 12/83 | 104.0 | 104.0 | 104.0 | ${ }^{(3)}$ | 0 |
| Other industrial food products machinery, including fish and shellfish processing machinery |  | 3556-358 | 12/83 | 113.1 | 113.2 | 113.2 | 1.6 | 0 |
| Parts and attachments for industrial food products machinery ............. |  | 3556-383 | 12/83 | 132.1 | 130.4 | 130.7 | 18.0 | 2 |
| Secondary products and miscellaneous receipts ...................................... |  | 3556-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 3556-M | 12/83 | 87.7 | 88.7 | 88.8 | -7.8 | . 1 |
| Resales ................................................................................ |  | 3556-Z89 | 12/83 | 85.5 | 87.8 | 88.0 | -8.6 | . 2 |
| Secondary products .......................................................................... |  | 3556-S | 12/83 | 134.3 | 135.0 | 135.4 | 4.0 | . 3 |
| Special industry machinery, n.e.c. |  |  | 12/81 | 132.1 | 133.0 | 133.1 | 4.2 | . 1 |
| Primary products ............ |  | 3559-P | 12/81 | 129.6 | 130.6 | 130.8 | 3.5 | . 2 |
| Chemical manufacturing industries machinery, equipment, and parts ....... |  | 3559-1 | 12/81 | 126.0 | 126.0 | 126.0 | 5.9 | 0 |
| Chemical mixers ........................................................................................ |  | 3559-112 | 12/81 | 107.9 | 107.9 | 107.9 | 2.5 | 0 |
| Foundry machinery and equipment, including parts, excluding patterns and molds $\qquad$ |  | 3559-2 | 12/81 | 130.6 | 130.6 | 130.6 | 2.8 | 0 |
| Other foundry machinery and equipment, including core-making machines and flasks $\qquad$ |  | 3559-296 | 06/87 | 108.3 | 108.3 | 108.3 | 5.0 | 0 |
| Plasticsworking machinery and equipment, and parts, excluding patterns and molds $\qquad$ |  | 3559-3 | 12/81 | 133.0 | 134.0 | 134.0 | 3.2 | 0 |
| Extrusion machines ....................................................................... |  | 3559-333 | 12/81 | 139.7 | 142.1 | 142.1 | 5.7 | 0 |
| Injection molding machines ............................................................ |  | 3559-351 | 12/81 | 140.3 | $\left.{ }^{3}\right)$ | 140.2 | 2.7 | $\left({ }^{3}\right)$ |
| Other plasticsworking machinery and equipment ............................... |  | 3559-37 | 06/87 | 105.6 | 106.2 | 106.2 | 2.4 | 0 |
| Granulators and pelletizers ......................................................... |  | 3559-371 | 06/87 | 107.3 | 108.5 | 108.5 | 4.3 | 0 |
| Other plasticsworking machinery .................................................. |  | 3559-379 | 06/87 | 105.9 | 106.3 | 106.3 | 2.2 | 0 |
| Parts for plasticsworking machinery ................................................ |  | $3559-381$ | 06/87 | 104.9 | 106.8 | 106.8 | 3.7 | 0 |
| Rubbenworking machinery and equipment, and parts, excluding molds .... |  | 3559-4 | 12/81 | 118.6 | 118.6 | 118.6 | -. 3 | 0 |
| Other special industry machinery and equipment, and parts, n.e.c. .......... |  | 3559-5 | 12/81 | 130.0 | 131.2 | 131.5 | 3.3 | . 2 |
| Tobacco manufacturing machinery and equipment, and parts .............. |  | 3559-532 | 12/81 | 147.1 | 147.1 | 149.4 | 5.6 | 1.6 |
| Concrete products machinery and equipment, and parts ..................... |  | 3559.546 | 12/81 | 123.2 | 127.2 | 131.0 | 6.9 | 3.0 |
| Glassmaking machinery and equipment, and parts .............................. |  | 3559-552 | 12/81 | 135.7 | 135.7 | 135.8 | 2.2 | . 1 |
| Fuel fired kilns (cement, wood, and chemical processing) and parts .... |  | 3559-592 | 12/81 | 119.4 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) | (3) |
| Semiconductor manufacturing machinery (except ovens) and parts ...... |  | 3559-595 | 06/87 | 102.9 | 103.7 | 103.8 | 3.3 | . 1 |
| Other special industry machinery, and parts ..................................... |  | 3559-598 | 06/87 | 105.9 | 107.5 | 107.5 | 2.4 | 0 |
| Other special industry machinery and parts ..................................... |  | 3559-59819 | 06/87 | 104.8 | 106.4 | 106.4 | 2.2 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3559-SM |  |  |  |  |  |  |
| Miscellaneous receipts |  | $3559-\mathrm{M}$ | 12/81 | 166.7 | 166.5 | 165.7 | 14.1 | -. 5 |
| Resales |  | 3559-289 | 06/83 | 126.8 | 127.2 | 126.0 | 8.2 | -. 9 |
| Secondary products ..-......................................................................... |  | 3559-S | 12/81 | 126.9 | 127.2 | 127.2 | 3.1 | 0 |
| Pumps and pumping equipment ............................................................................. | 3561 |  | 12/83 | 113.6 | 114.6 | 115.1 | 4.9 | . 4 |
| Primary products |  | 3561-P | 12/83 | 113.4 | 114.7 | 115.1 | 5.3 | . 3 |
| Industrial pumps, except hydraulic fluid power pumps ........................... |  | 3561-1 | 12/83 | 118.7 | 119.6 | 120.5 | 6.7 | . 8 |
| Reciprocating pumps |  | 3561-11 | 12/83 | 107.0 | 107.0 | 107.0 | . 5 | 0 |
| Power-operated, other than steam |  | 3561-113 | 12/83 | 107.0 | 107.0 | 107.0 | . 5 | 0 |
| Turbine pumps, vertical, including deep well ..................................... |  | $3561-12$ | 12/83 | 120.9 | 121.4 | 121.4 | 8.8 | 0 |
| Submersible, over 5 hp .............................................................. |  | 3561-125 | 12/83 | 122.2 | 122.2 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Other than submersible .............................................................. |  | 3561-129 | 12/83 | 120.3 | 121.0 | 121.1 | 10.4 | . 1 |
| 16 inch diameter bowl size and under ........................................ |  | 3561-12909 | 12/83 | 118.7 | 119.4 | 119.5 | 10.6 | . 1 |
| Centritugal pumps ......................................................................... |  | 3561-13 | 12/83 | 119.6 | 120.7 | 122.1 | 7.7 | 1.2 |
| Single stage, single suction, close coupled ................................... |  | 3561-131 | 12/83 | 120.2 | 120.2 | 120.2 | 5.2 | 0 |
| $3 / 4$ inch and 1 inch discharge outlet .............................................. |  | 3561-13112 | 12/83 | 119.5 | 119.5 | 119.5 | 7.5 | 0 |
| 2 inch and $21 / 2$ inch discharge outlet ...................................... |  | 3561-13115 | 12/83 | 120.6 | 120.8 | 120.8 | 4.2 | 0 |
| 3 inch and 4 inch discharge outiet ............................................... |  | 3561-13116 | 12/83 | 122.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Over 4 inch discharge outlet ....................................................... |  | 3561-13119 | 12/83 | 98.7 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Single stage, single suction, frame mounted .................................... |  | 3561-132 | 12/83 | 121.7 | 125.4 | 124.4 | 7.0 | -. 8 |
| 3/4 inch and 1 inch discharge outlet .............................................. |  | 3561-13222 | 03/84 | 153.7 | 154.4 | 154.2 | 18.0 | -. 1 |
| 2 inch and $21 / 2$ inch discharge outlet ...................................... |  | 3561-13224 | 12/83 | 132.4 | 152.0 | 146.9 | 16.8 | -3.4 |
| 3 inch discharge outlet ................................................................... |  | 3561-13225 | 12/83 | 114.5 | 116.0 | 116.0 | 2.7 | 0 |
| 4 inch to 6 inch discharge outlet ................................................ |  | 3561-13226 | 12/83 | 119.9 | 121.1 | 120.6 | 4.7 | -. 4 |
| Single stage, double suction ........................................................ |  | 3561-133 | 12/83 | 112.1 | ${ }^{(3)}$ | 126.7 | 17.8 | ${ }^{(3)}$ |
| Under 4 inch discharge outiet ............................................................. |  | 3561-13342 | 12/83 | 127.9 | ${ }^{(3)}$ | 185.9 | 54.8 | ${ }^{(3)}$ |
| Multistage (single or double suction) $\qquad$ |  | 3561-134 | 12/83 | 122.5 | 122.5 | 122.5 | 8.8 | 0 |
| 2 inch and 3 inch discharge outlet |  | 3561-13454 | 07/84 | 125.5 | 125.5 | 125.5 | 10.6 | 0 |
| Submersible centrifugal pumps (except submersible sump pumps) ... |  | 3561-136 | 12/83 | 120.7 | 121.3 | 121.3 | 3.1 | 0 |
| Submersible effluent pumps (less than 1 inch solids handling capacity) $\qquad$ |  | 3561-1361 | 02/84 | 102.8 | $\left({ }^{3}\right)$ | $(3)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Pumps and pumping equipment-Continued <br> Submersible solids handling pumps (solids 1 inch to 2 inch, inclusive) $\qquad$ <br> Submersible non-clog pumps (greater than 2 inch solids handling capacity) $\qquad$ |  |  |  |  |  |  |  |  |
|  |  | 3561-1362 | 12/83 | 127.9 | 127.9 | 127.9 | 5.7 | 0 |
|  |  | 3561-1363 | 12/83 | 123.1 | 123.1 | 123.2 | 1.6 | . 1 |
| All other centrifugal pumps (including can, etc.) .............................. |  | 3561-137 | 12/83 | 126.7 | 126.7 | 126.7 | 6.4 | 0 |
| 2 inch to 6 inch discharge outlet ............................................... |  | 3561-13766 | 12/83 | 116.3 | 116.3 | 116.3 | 2.9 | 0 |
| Rotary pumps ............................................................................... |  | 3561-14 | 12/83 | 124.6 | 125.9 | 125.6 | 5.4 | -. 2 |
| 100 p.s.i. and under, designed pressure ................................... |  | 3561-141 | 12/83 | 121.3 | 123.7 | 123.4 | 7.7 | -. 2 |
| 11-99 g.p.m. designed capacity ........... |  | $3561-14172$ | 12/83 | 122.3 | 122.3 | 122.3 | 3.9 | 0 |
| 101-250 p.s.i., designed pressure .................................................. |  | 3561-142 | 12/83 | 123.8 | $\left({ }^{3}\right)$ | 124.1 | 3.8 | $\left({ }^{3}\right)$ |
| 11-99 g.p.m., designed capacity |  | 3561-14275 | 12/83 | 122.4 | (3) | 123.1 | 4.7 | $(3)^{3}$ |
| Diaphragm pumps, all sizes ........................................................... |  | 3561-181 | 12/83 | 111.8 | 116.8 | 116.8 | 8.3 | 0 |
| Other industrial pumps ................................................................... |  | 3561-198 | 12/83 | 110.4 | 110.4 | 110.4 | 2.1 | 0 |
| Hydraulic fluid power pumps ............................................................................ |  | 3561-2 | 12/83 | 113.0 | 113.0 | 113.7 | 4.1 | . 6 |
| Gear type .................................................................................... |  | 3561-281 | 12/83 | 107.3 | 107.4 | 108.9 | 4.0 | 1.4 |
| Internal |  | 3561-28102 | 12/83 | 101.2 | 101.4 | 106.4 | 5.1 | 4.9 |
| External .................................................................................... |  | 3561-28103 | 12/83 | 109.9 | 109.9 | 109.9 | 3.6 | 0 |
| Axial piston ................................................................................. |  | 3561-285 |  |  |  |  |  |  |
| Variable .................................................................................... |  | 3561-28512 | 12/83 | 114.3 | 114.3 | 114.3 | 4.4 | 0 |
| Domestic water systems and sump pumps .......................................... |  | 3561-3 |  |  |  |  |  |  |
| Domestic water systems |  | 3561-312 | 12/83 | 110.6 | 111.4 | 111.6 | 3.2 | . 2 |
| Jet pump and convertible jet pump systems .................................... |  | 3561-31213 | 12/83 | 118.4 | 118.4 | 119.0 | 3.9 | . 5 |
| Submersible pump systems, 5 hp and under .................................. |  | 3561-31225 | 12/83 | 105.0 | 106.2 | 106.2 | 2.7 | 0 |
| Domestic hand and windmill pumps, pump jacks, and cylinders (sold separately) $\qquad$ |  | 3561-31271 | 12/83 | 113.9 | 113.9 | 113.9 | 1.7 | 0 |
| Oil-well and oil-field pumps and other pumps ....................................... |  | 3561-5 | 12/83 | 91.8 | 91.8 | 91.8 | . 3 | 0 |
| Oil-well and oil field pumps, except boiler feed $\qquad$ Other pumps (except automotive) such as oil burner, appliance, fire |  | 3561-51 | 12/83 | 86.8 | 86.8 | 86.8 | -. 3 | 0 |
| engine, etc |  | 3561-597 | 12/83 | 115.0 | 115.3 | 115.3 | 3.1 | 0 |
| Parts and attachments for pumps and pumping equipment, excluding compressors $\qquad$ |  | 3561-6 | 12/83 | 114.2 | 117.5 | 117.3 | 5.5 | -. 2 |
| Parts and attachments for pumps and pumping equipment, excluding compressors $\qquad$ |  | 3561-613 | 12/83 | 114.2 | 117.5 | 117.3 | 5.5 | -. 2 |
| Secondary products and miscellaneous receipts ..................................... |  | 3561-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3561-M | 12/83 | 115.4 | 113.6 | 115.8 | 4.9 | 1.9 |
| Resales |  | 3561-Z89 | 12/83 | 113.7 | 111.4 | 114.3 | 5.6 | 2.6 |
| Secondary products ........................................................................ |  | 3561-S | 12/83 | 114.6 | 115.4 | 115.6 | 2.8 | . 2 |
| Valves and pipe fittings... |  | 3494-S | 12/83 | 125.2 | 125.3 | 125.6 | . 9 | . 2 |
| Other secondary products .............................................................. |  | 3561-SSS | 12/83 | 109.5 | 110.5 | 110.7 | 3.7 | . 2 |
| Ball and roller bearings ....................................................................................... | 3562 |  | 06/83 | 125.4 | 126.0 | 126.0 | 10.2 | 0 |
| Primary products | 3562 | 3562-P | 06/83 | 124.0 | 124.6 | 124.6 | 9.3 | 0 |
| Ball bearings, unmounted ................................................................... |  | 3562-1 | 06/83 | 134.7 | 134.9 | 134.9 | 8.6 | 0 |
| Single row max. capacity ball bearings: annular, including self-aligning: ground or precision $\qquad$ |  | 3562-114 | 06/83 | 128.3 | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Angular contact ball bearings: annular, including self-aligning; ground or precision |  | 3562-118 | 06/83 | 146.6 | ${ }^{(3)}$ | 146.6 | 3.8 | $\left({ }^{3}\right)$ |
| Other regular single row conrad ball bearings: annular, inctuding self-aligning $\qquad$ |  | 3562-122 | 06/83 | 139.2 | 139.2 | 139.2 | 10.8 | 0 |
| 9 mm . O.D. thru 30 mm . O.D.; ground or precision ......................... |  | 3562-12203 | 04/87 | ${ }^{(3)}$ | ${ }^{3}$ ) | 132.7 | ${ }^{(3)}$ | (3) |
| Over 30 mm . O.D. thru 52 mm . O.D.; ground or precision ................ |  | 3562-12204 | 06/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 142.5 | ${ }^{(3)}$ | (3) |
| Over 52 mm . O.D. thru 100 mm . O.D.; ground or precision .............. |  | 3562-12205 | 06/83 | 130.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ |
| Over 100 mm . O.D.; ground or precision ...................................... |  | 3562-12207 | 06/83 | 141.5 | 141.5 | (3) | (3) | $\left({ }^{3}\right)$ |
| Other precision (ABEC $5 \&$ up) single row conrad ball bearings: annular, including self-alignin |  | 3562-123 | 06/83 | 130.3 | 130.3 | 130.3 | 4.2 | 0 |
| 9 mm . O.D. thru 30 mm . O.D.; ground or precision ............................................................ |  | 3562-12309 | 06/83 | 143.4 | 143.4 | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ |
| Unground, annular, including self-aligning (less than ABEC 1) .............. |  | 3562-125 | 06/83 | 180.6 | 185.6 | 185.6 | 3.5 | 0 |
| Thrust ball bearings ...................................................................... |  | 3562-131 | 06/83 | 124.4 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Ground thrust ball bearings .................................................................................. |  | 3562-13133 | 06/83 | 124.4 | (3) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | (3) |
| Other ball bearings ...................................................................... |  | 3562-151 | 06/83 | 151.2 | 152.2 | ${ }^{(3)}$ | ${ }^{3}{ }^{5}$ | (3) |
| Tapered roller bearings, unmounted ................................................... |  | 3562-2 | 06/83 | 109.9 | 109.9 | 109.9 | 5.8 | 0 |
| Cup and cone assemblies shipped as a set ...................................... |  | 3562-232 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Cups shipped separately ............................................................... |  | 3562-233 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Cone assemblies shipped separately .............................................. |  | 3562-234 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Roller bearings, except tapered, unmounted ........................................ |  | 3562-3 | 06/83 | 133.4 | 134.4 | 134.4 | 15.6 | 0 |
| Cylindrical roller bearings ............................................................... |  | 3562-301 | 06/83 | 131.6 | 131.6 | 131.6 | 18.1 | 0 |
| Regular cylindrical roller bearings (ABEC 1 and 3) .......................... |  | 3562-30111 | 06/83 | 131.6 | 131.6 | 131.6 | 18.1 | 0 |
| Precision cylindrical roller bearings (ABEC 5 and up) ....................... |  | 3562-30112 | 06/89 | $\left({ }^{3}\right)$ | 100.0 | 100.0 | (3) | 0 |
| Spherical roller bearings including hourglass and barrel ....................... |  | 3562-321 | 06/83 | 131.3 | 136.0 | 136.0 | 21.9 | ${ }^{0}$ |
| Single row spherical roller bearings |  | 3562-32124 | 06/83 | (3) | ( ${ }^{3}$ ) | 99.7 | ${ }^{3}{ }^{3}$ | $\left({ }^{3}\right)$ |
| Double row spherical roller bearings ............................................. |  | 3562-32125 | 06/83 | 141.5 | 147.2 | 147.2 | 27.2 | 0 |
| Needle roller bearings ............................................................... |  | 3562-341 | 06/83 | 139.7 | 139.7 | 139.7 | 11.8 | 0 |
| Other roiler bearings ................................................................. |  | 3562-398 | 06/83 | 128.0 | 128.9 | 128.9 | 3.2 | 0 |
| Mounted bearings, except plain ..................................................... |  | 3562-4 | 06/83 | 131.4 | 133.3 | 133.3 | 12.3 | 0 |
| Mounted ball bearings, unit and/or split mounted .............................. |  | 3562-417 | 06/83 | 132.9 | 132.9 | 132.9 | 10.9 | 0 |
| Mounted roller bearings ................................................................. |  | 3562-454 | 01/85 | ${ }^{(3)}$ | ${ }^{(3)}$ | 123.4 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Unit mounted roller bearings ...................................................... |  | 3562-45453 | 01/85 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | 123.4 | ${ }^{(3)}$ | (3) |
| Ball and roller bearing parts and components, including balls and rollers sold separately |  | 3562-9 | 06/83 | 108.3 | 109.5 | 110.0 | 5.3 | . 5 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Packing, packaging and bottling machinery-Continued | 3566 | $\begin{aligned} & 3565-307 \\ & 3565-315 \\ & 3565-316 \end{aligned}$ |  | (3) | 104.1 | 104.1 | $\left({ }^{3}\right)$ | 0 |
| Shrink film packaging machinery, including shrink tunnels ................... |  |  | 12/88 |  |  |  |  |  |
| Labeling, code marking, imprinting and leaflet/coupon inserting machinery $\qquad$ |  |  | 12/88 | 101.6 | 102.8 | 102.5 | $\left({ }^{3}\right)$ | -. 3 |
| Case forming, opening, loading, unloading, and sealing machinery .................................................. |  |  | 12/88 | 100.4 | 104.5 | 104.9 | (3) | . 4 |
| Capping, sealing, lidding, incl. can sealing machinery, excl. filling machinery |  | 3565-317 | 12/88 | 105.1 | 105.1 | 105.1 | $\left.{ }^{3}\right)$ | 0 |
| Accumulating, collating, feeding, and unscrambling machinery ............ |  | 3565-318 | 12/88 | 101.9 | 106.3 | 106.0 | ${ }^{(3)}$ | -. 3 |
| Other machinery, incl. combinations of mach. classified in more than one of the above $\qquad$ |  | 3565-321 | 12/88 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Parts for bottling and packaging machinery |  | 3565-4 | 12/88 | 101.0 | 102.9 | 103.7 | $\left.{ }^{3}\right)$ | . 8 |
| Parts for bottling and packaging machinery |  | 3565-491 | 12/88 | 101.0 | 102.9 | 103.7 | ${ }^{(3)}$ | . 8 |
| Secondary products and miscellaneous receipts ....................................... |  | 3565-SM |  |  |  |  |  |  |
| Miscellaneous receipts ........................................ |  | 3565-M | 12/88 | 102.4 | 102.4 | 104.2 | ${ }^{(3)}$ | 1.8 |
| Resales ........................................................ |  | 3565-Z89 | 12/88 | 102.4 | 102.4 | 104.2 | ${ }^{(3)}$ | 1.8 |
| Secondary products |  | 3565-S | 12/88 | 103.5 | 103.9 | 104.1 | ${ }^{(3)}$ | . 2 |
| Secondary products ........................................................................ |  | 3565-SS | 12/88 | 103.5 | 103.9 | 104.1 | $\left({ }^{3}\right)$ | . 2 |
| Speed changers, industrial high-speed drives, and gears |  |  | 12/83 | 115.2 | 116.0 | 116.6 | 4.3 | . 5 |
| Primary products .................................................. |  | 3566-P | 12/83 | 115.0 | 115.5 | 116.3 | ${ }^{4.3}$ | . 7 |
| Nonhydraulic variable speed changers and industrial high-speed drives .. |  | 3566-1 | 06/89 | (3) | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Mechanical nonhydraulic variable speed changers, excluding value of drivers $\qquad$ |  | 3566-111 | 12/83 | 114.8 | 114.8 | 114.8 | 6.2 | 0 |
| Industrial high speed drives, fixed ratio ............................................. |  | 3566-121 | 12/83 | 112.3 | 113.3 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Speed reducers, fixed ratio, enclosed, except gear motors ..... |  | 3566-2 | 12/83 | 119.4 | 120.3 | 122.7 | 6.6 | 2.0 |
| Worm gear reducers ..................................................... |  | 3566-21 | 12/83 | 134.0 | 134.8 | 138.4 | 7.1 | 2.7 |
| 3 -inch to 5.99-inch centers ...................................... |  | 3566-218 | 12/83 | 121.0 | 121.0 | 125.2 | 4.9 | 3.5 |
| Less than 3-inch centers ............................................................ |  | 3566-219 | 12/83 | 118.2 | 120.2 | 125.5 | 10.3 | 4.4 |
| Helical, herringbone, spur and spiral bevel reducers .......................... |  | 3566-22 | 12/83 | 113.1 | 114.3 | 115.2 | 6.5 | . 8 |
| More than 15-inch low speed centers ........................................... |  | 3566-227 | 12/83 | (3) | ${ }^{(3)}$ | 113.3 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| 15-inch low speed centers or less ......................................... |  | 3566-228 | 12/83 | 115.1 | 115.5 | 116.7 | 5.9 | 1.0 |
| Shaft mounted reducers and screw conveyor drives .......................... |  | 3566 -23 | 12/83 | 117.0 | 117.0 | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ |
| Gear motors, sold with motors, inclu. "C" flange and scoop mount units |  | 3566-3 | 12/83 | 117.6 | 117.6 | 117.6 | 5.2 | 0 |
| Worm gear motors ....................................... |  | 3566-33 | 12/83 | 118.7 | 118.7 | 118.7 | 7.0 | 0 |
| Helical, herringbone, spur, or spiral bevel gear motors ....................... |  | 3566-34 | 12/83 | 116.6 | 116.7 | 116.7 | 3.7 | 0 |
| Less than 1/6 horsepower ......................................................... |  | 3566-343 | 12/83 | 104.4 | 105.3 | 105.3 | 4.3 | ${ }^{0}$ |
| 1/6 horsepower up to but excluding 1 horsepower ...........................- |  | 3566-344 | 06/88 | ${ }^{(3)}$ | ${ }^{(3)}$ | 106.5 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| 1 horsepower to 5 horsepower ....................................... |  | 3566-347 | 12/83 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | 126.3 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Loose gears, pinions, and racks excluding spare parts for reducers ........ |  | 3566-4 | 12/83 | 110.3 | 110.6 | 110.8 | 2.1 | . 2 |
| Coarse pitch (less than 19.9 diametral pitch) .................................... |  | 3566-411 | 12/83 | 109.5 | 109.7 | 109.8 | 1.9 | . 1 |
| Helical, herringbone, and spur gears ............................................. |  | 3566-4114 | 12/83 | 106.9 | 107.2 | 107.3 | 2.1 | 1 |
| 24 inches or less ....................... |  | 3566-41142 | 12/83 | 108.6 | 109.0 | 109.2 | 3.0 | 2 |
| More than 24 inches diameter through 72 inches diameter ........... |  | 3566-41143 | 12/83 | 105.7 | 105.7 | 105.7 | . 6 | 0 |
| Worms and worm gearing ............................................................ |  | 3566-4115 | 12/83 | 114.6 | 114.6 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Others, including bevel gears and racks ....................................... |  | 3566-4116 | 12/83 | 113.0 | 113.0 | 113.2 | . 4 | . 2 |
| Fine pitch (19.9 diametral pitch and finer) ......................................... |  | 3566-421 | 12/83 | 116.7 | 118.7 | 118.7 | 4.1 | 0 |
| Parts and components for speed changers, drives, gears, and reducers |  | 3566-5 | 12/83 | 120.2 | 120.8 | 121.0 | 3.2 | . 2 |
| Parts and components for speed changers, drives, gears, and reducers $\qquad$ |  | 3566-551 | 12/83 | 120.2 | 120.8 | 121.0 | 3.2 | . 2 |
| Secondary products and miscellaneous receipts ...................................... |  | 3566-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................... |  | 3566-M | 07/84 | ${ }^{(3)}$ | ${ }^{(3)}$ | 121.7 | ${ }^{(3)}$ | (3) |
| Secondary products ........................................................................ |  | 3566-S | 12/83 | 115.6 | 116.1 | 116.1 | . 7 | 0 |
| Other secondary products ........................................ |  | 3566-SSS | 12/83 | 115.8 | 116.7 | 116.7 | 1.3 | 0 |
| Power transmission equipment, n.e.c. ................................................ |  | 3568-S | 12/83 | 115.4 | 115.4 | 115.4 | . 1 | 0 |
| Industrial process furnaces and ovens ................................................................ | 3567 |  | 06/81 | 131.4 | 132.1 | 133.6 | 4.2 | 1.1 |
| Primary products ............................................................................... |  | 3567-P | 06/81 | 128.5 | 129.9 | 130.9 | 3.6 | 8 |
| Electric industrial furnaces, ovens, and kilns, excluding induction ............ |  | 3567-1 | 06/81 | 133.8 | 133.9 | 133.9 | 1.2 | 0 |
| Electric furnaces ........................................................................... |  | 3567-11 | 12/86 | 108.0 | 108.0 | 108.0 | . 9 | ${ }^{0}$ |
| Metal melting ...................................................................... |  | 3567-111 | 12/81 | 111.3 | 111.3 | $\left({ }^{3}\right)$ | $(3)^{3}$ | $\left({ }^{3}\right)$ |
| Metal processing and heat treating (such as annealing, hardening, carburizing, etc.) |  | 3567-118 | 12/86 | 106.4 | 106.4 | 106.4 | . 6 | 0 |
| Other electric furnaces .............................................................. |  | 3567-119 | 12/86 | 112.6 | 112.6 | 112.6 | 1.0 | 0 |
| Electric industrial ovens and kilns, including infrared .......................... |  | 3567-19 | 12/86 | 105.7 | 106.0 | 106.1 | 2.2 | . 1 |
| Fuel-fired industrial furnaces, ovens, and kilns ..................................... |  | 3567-2 | 06/81 | 120.1 | 122.9 | 126.1 | 8.1 | 2.6 |
| Fuel-fired furnaces ........................................................................ |  | 3567.21 | 12/86 | ${ }^{(3)}$ | ${ }^{(3)}$ | 112.4 | 11.4 | ${ }^{(3)}$ |
| Other, including hot rolling, forging, forming, and extruding ............... |  | 3567-219 | 12/86 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Fuel-fired ovens and kilns .............................................................. |  | 3567-29 | 12/86 | 107.5 | 108.5 | 108.5 | 2.1 | 0 |
| High frequency induction and dielectric heating equipment ...................... |  | 3567-4 | 06/81 | 133.4 | 134.4 | 135.7 | 2.2 | 1.0 |
| Induction furnaces and heating equipment |  | 3567-41 | 12/86 | 104.0 | 104.7 | 105.7 | 2.1 | 1.0 |
| Electrical heat. equip. for industrial use, n.e.c. (exc. soldering irons) and parts and attach $\qquad$ |  | 3567.5 | 06/81 | 132.7 | 134.5 | 134.4 | 3.0 | -. 1 |
| industrial electric heating units and devices, except heating units for electric furnaces |  | 3567-55 |  |  |  |  |  |  |
| All other industrial heating units and devices, incl. immersion heaters, compound pots, etc. |  | 3567-559 |  | 144.5 | 146.8 | 146.8 | 2.3 | 0 |
| Parts and attach. for ind. furn. and ovens, including electric heating units |  | $\begin{aligned} & 3567-59 \\ & 3567-S M \\ & 3567-\mathrm{M} \\ & 3567-\mathrm{S} \\ & 3567-\mathrm{SSS} \end{aligned}$ | 06/81 | 129.7 | 131.0 | 130.7 | 4.6 | -. 2 |
| Secondary products and miscellaneous receipts ........................................ |  |  | 12/86 | 103.0 | $\left(^{3}\right)$ | 103.0 | 15.3 |  |
| Miscellaneous receipts ................................................................... |  |  |  |  |  |  |  | $(3)^{(3)}$ |
| Secondary products ................................................................................................................................ |  |  | 06/81 | $\begin{array}{r} 146.4 \\ 147.6 \end{array}$ | $\begin{aligned} & 147.1 \\ & 147.6 \end{aligned}$ | $\begin{aligned} & 147.1 \\ & 147.6 \end{aligned}$ | 5.14.5 | 00 |
| Other secondary products ................................................................ |  |  |  |  |  |  |  |  |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Refrigeration and heating equipment-Continued |  |  |  |  |  |  |  |  |
| Centrifugal liquid chilling packages .................................................. |  | 3585-154 | 12/82 | 113.1 | 120.9 | 117.9 | 7.1 | -2.5 |
| Hermetic type ........................................................................... |  | 3585-15401 | 12/82 | 111.6 | 120.4 | 116.8 | 5.6 | -3.0 |
| Mobile vehicle refrigeration systems ................................................ |  | 3585-156 | 12/82 | 115.8 | ${ }^{(3)}$ | 116.0 | 2.4 | $\left({ }^{3}\right)$ |
| Mobile vehicle mechanical air conditioning systems |  | 3585-161 | 12/82 | 120.9 | 119.7 | 119.6 | 3.2 | -. 1 |
| For passenger automobiles and light trucks and vans ..................... |  | 3585-1611 | 12/82 | 121.2 | 121.4 | 121.3 | 4.7 | -. 1 |
| Sub-compact to compact automobiles ........................................ |  | 3585-16111 | 12/82 | 118.1 | 118.1 | 118.1 | 2.4 | 0 |
| Icemaking machines ................................................................. |  | 3585-175 | 12/82 | 119.4 | 120.5 | 119.4 | 6.1 | -. 9 |
| Self-contained ........................................................................... |  | 3585-1751 | 12/82 | 119.4 | 120.6 | 119.4 | 6.2 | -1.0 |
| Ice-cube makers ...................................................................... |  | 3585-17511 | 12/82 | 114.1 | 115.6 | 114.1 | 5.7 | -1.3 |
| Flake and chip machines ......................................................... |  | 3585-17512 | 12/82 | 140.5 | ${ }^{3}$ ) | ${ }^{3}$ ) | $(3)^{3}$ | ${ }^{(3)}$ |
| Not self-contained ..................................................................... |  | 3585-1752 | 12/82 | 108.9 | 109.3 | 109.3 | 3.8 | 0 |
| Reciprocating liquid chilling packages .......................................... |  | 3585-185 | 12/82 | 131.8 | 132.3 | 132.0 | 11.0 | -. 2 |
| Unitary air conditioners .............................................................. |  | 3585-2 | 12/82 | 110.1 | 111.5 | 112.0 | 3.9 | . 4 |
| Air conditioners, except window and wall types ... |  | 3585-21 | 12/82 | 115.5 | 115.8 | 115.9 | 1.7 | . 1 |
| Single package (with or without evaporator fan) .............................. |  | 3585-211 | 12/82 | 115.5 | 115.8 | 115.9 | 1.7 | . 1 |
| Horizontal ..................................................................................... |  | 3585-2111 | 12/82 | 117.7 | 118.1 | 118.3 | 2.1 | . 2 |
| Under 54,000 btu/hr .................... |  | 3585-21114 | 12/82 | 111.1 | 112.0 | 112.0 | 1.8 | 0 |
| Year-round air conditioners, single packages and remote condenser types, except heat pumps $\qquad$ |  | 3585-25 | 12/82 | 110.0 | 112.3 | 112.3 | 4.6 | 0 |
| Under 44,000 btu/hr ................................................................... |  | 3585-252 | 12/82 | 117.2 | 121.2 | 121.2 | 7.3 | 0 |
| 44,000 to 134,999 btu/hr ............................................................. |  | 3585-257 | 12/82 | 107.8 | 109.7 | 109.7 | 4.4 | 0 |
| 135,000 btu/hr and over ............................................................. |  | 3585-258 | 12/82 | 105.5 | 106.3 | $\left.{ }^{3}\right)^{1}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Heat pumps, except room air conditioners ........................................ |  | 3585-26 | 12/82 | 109.9 | 110.0 | 110.0 | 1.8 | 0 |
|  |  | 3585-265 | 12/82 | 113.0 | 113.8 | 113.8 | 2.7 | 0 |
| Split system |  | 3585-266 | 12/82 | 107.9 | 107.5 | 107.5 | 1.2 | 0 |
| Split system air conditioning units ...................................................... |  | 3585-29 |  |  |  |  |  |  |
| Air conditioning condensing units .................................................... |  | 3585-295 | 12/82 | 108.3 | 110.3 | 111.4 | 5.3 | 1.0 |
| 22,000 to 26,999 blu/hr ........................................................... |  | 3585-29572 | 01/83 | 111.4 | 112.6 | 112.6 | 2.0 | 0 |
| 27,000 to 32,999 btu/hr ........................................................... |  | 3585-29573 | 12/82 | 113.9 | ${ }^{(3)}$ | 121.7 | 14.8 | ${ }^{(3)}$ |
| 33,000 to 38,999 btu/hr ............................................................ |  | 3585-29574 | 12/82 | 101.9 | 104.7 | 103.0 | 1.1 | -1.6 |
| Commerical refrigeration equipment ...................................................... |  | 3585-3 | 12/82 | 122.9 | 126.4 | 126.4 | 7.2 | 0 |
| Refrigerated enclosures, include self-contained units, remote units w/wo cond. units |  | 3585-31 | 12/82 | 124.9 | 129.8 | 129.8 | 7.8 | 0 |
| Reach-in reirig. and reach-in vert. display cabinets, with solid or glazed doors $\qquad$ |  | 3585-311 | 12/82 | 129.5 | 132.6 | 132.6 | 5.2 | 0 |
| For normal temp. application, i.e., not intended for frozen foods, ice cream, etc. $\qquad$ |  | 3585-31115 | 12/82 | 134.0 | 138.5 | 138.5 | 5.5 | 0 |
| For low temperature application ......................................................... |  | 3585-31118 | 12/82 | 124.0 | 125.3 | 125.3 | 4.7 | 0 |
| Sectional coolers or cooling rooms of the prefabricated (factory produced) type |  | 3585-312 | 12/82 | 124.3 | 132.4 | 132.3 | 12.9 | -. 1 |
| Display cases for meats, dairy products, produce, other perishables, normal temp $\qquad$ |  | 3585-313 | 12/82 | 129.7 | 130.8 | 130.8 | 4.2 | 0 |
| Closed ..................................................................................... |  | 3585-3131 | 12/82 | 118.2 | 122.0 | 120.5 | 2.9 | -1.2 |
| Open, selt-service. |  | 3585-3132 | 12/82 | 131.7 | 132.3 | 132.6 | 4.5 | . 2 |
| One level |  | 3585-31323 | 12/82 | 132.0 | 137.5 | 137.5 | 4.2 | . 0 |
| Multl level .............................................................................. |  | 3585-31328 | 12/82 | 131.6 | 129.8 | 130.2 | 4.7 | . 3 |
| Display cases and cabinets for frozen foods, ice cream, etc., except coin operated $\qquad$ |  | 3585-314 | 12/82 | 115.7 | 121.5 | 121.6 | 6.9 | . 1 |
| Frozen food display cases, open self-service ................................ |  | 3585-3141 | 12/82 | 116.5 | 122.7 | 122.7 | 7.3 | 0 |
| One level ....................................................................... |  | 3585-31413 | 12/82 | 114.9 | 123.2 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Multi level .............................................................................. |  | 3585-31414 | 12/82 | 18.5 | 122.0 | 122.0 | $(3)^{3}$ | 0 |
| Mechanical drinking water coolers .................................................... |  | 3585-343 | 12/82 | 109.4 | 108.7 | 108.7 | 2.9 | 0 |
| Mechanical beverage cooling and dispensing equipment except coin-operated |  | 3585-361 | 12/82 | 122.2 | 122.2 | 122.2 | 9.3 | 0 |
| Bulk beverage dispensers, including malt dispensers and pre-cooler cabinets $\qquad$ |  | 3585-36157 | 12/82 | 121.5 | 121.5 | 121.5 | 10.6 | 0 |
| Other commerical refrigeration, retarders, egg refrigeration, environment control equip., etc. $\qquad$ |  | 3585-397 | 12/82 | 119.6 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Compressors and compressor units, all refrigerants ............................... |  | 3585-4 | 12/82 | 104.5 | 105.6 | 105.6 | 3.4 | 0 |
| 10 hp and under, hermetic type motor compressors .......................... |  | 3585-412 | 12/82 | 109.3 | 110.8 | 110.8 | 4.9 | 0 |
| 2.5 hp and under ......................................................................... |  | 3585-41211 | 12/82 | 108.7 | 109.3 | 109.3 | 4.2 | 0 |
|  |  | 3585-41236 | 12/82 | 110.6 | 113.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Over 10 hp (open and hermetic types) ............................................ |  | 3585-414 | 12/82 | 115.1 | 120.9 | 120.3 | 8.4 | -. 5 |
| Auto air conditioning compressors .................................................. |  | 3585-418 | 02/83 | 96.2 | 96.1 | 96.1 | . 3 | 0 |
| Open type, with or without motor ................................................. |  | 3585-41859 | 02/83 | 96.2 | 96.1 | 96.1 | . 3 | 0 |
| Condensing units, all refrigerants except ammonia ............................... |  | 3585-5 | 12/82 | 115.9 | 118.3 | 116.8 | 5.6 | -1.3 |
| Air-cooled .................................................................................... |  | 3585-51 | 12/82 | 113.5 | 117.1 | 116.6 | 6.5 | -. 4 |
| Hermetic type under 15 hp ......................................................... |  | 3585-512 | 12/82 | 113.3 | 116.9 | 116.4 | 6.5 | -. 4 |
| Over 3 hp but under 15 hp ...................................................... |  | 3585-51209 | 12/82 | 114.2 | 117.8 | 116.5 | 6.6 | -1.1 |
| Water and air-cooled, open and hermetic type, 15 hp and over ........... |  | 3585-569 | 12/82 | 126.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Room air conditioners and dehumidifiers ....................................................... |  | $3585-6$ $3585-612$ |  |  |  |  |  |  |
| Room air conditioners <br> Under 6,000 btu/hr |  | $3585-612$ $3585-61231$ | $12 / 82$ $05 / 85$ | 111.5 105.5 | 112.7 105.6 | 113.5 105.6 | 2.8 5.0 | . 0 |
| Refrigeration and a/c equip. n.e.c., including soda fountain and beer dispensing equip $\qquad$ |  | 3585.7 | 12/82 | 121.7 | 125.0 | 123.5 | 6.6 | -1.2 |
| Soda fountain equipment ................................................................ |  | 3585-711 | 12/82 | 124.7 | 125.5 | 125.4 | 1.1 | -. 1 |
| Beer-dispensing equipment ........................................................... |  | 3585-751 | 12/82 | 137.8 | 137.8 | 137.8 | (3) | 0 |
| Evaporative air coolers ........................................................................... |  | 3585-794 | 12/82 | 102.7 | 102.7 | (3) | (3) | (3) |
| Other refrigeration machinery and air conditioning equipment .............. |  | 3585-796 | 12/82 | 116.8 | 118.3 | 118.3 | 4.4 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Carburetors, pistons, piston rings, and valves-Continued | 3599 |  |  |  |  |  |  |  |
| Carburetors for motor vehicles (passenger cars, trucks, and buses) |  | 3592-111 | 12/82 | 112.0 | 118.6 | 118.6 | 8.8 | 0 |
| Carburetors, rebuilt, all types ......................................................... |  | 3592-171 | 12/82. | 143.2 | ${ }^{(3)}$ | 155.8 | 23.2 | $\left({ }^{3}\right)$ |
| Pistons, piston rings, and piston pins (engine) ...................................... |  | 3592-2 | 12/82 | 106.7 | 105.7 | 105.7 | 1.4 | 0 |
| Pistons, all types (machined), excluding rough castings |  | 3592-2A | 12/82 | 105.3 | 102.6 | 102.6 | 2.5 | 0 |
| Pistons for motor vehicles (passenger cars, trucks, and buses) ......... |  | 3592-221 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| All other pistons ........................................................................ |  | 3592-223 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.1 | ${ }^{(3)}$ | . 1 |
| Piston rings, all types ........................................................................... |  | 3592-2B | 12/82 | 107.6 | 107.6 | 107.6 | . 8 | 0 |
| Piston rings, oil type .................................................................... |  | 3592-2B1 | 12/82 | 100.3 | 100.3 | 100.3 | . 9 | 0 |
| Piston rings, oil type, for motor vehicles (passenger cars, trucks, and buses) $\qquad$ |  | 3592-251 | 12/82 | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | 99.6 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Piston rings, compression type .................................................... |  | 3592-2B2 | 12/82 | 109.8 | 109.8 | 109.8 | . 7 | 0 |
| Piston rings, compression type, for motor vehicles (passenger cars, trucks, and buses) $\qquad$ |  | 3592-255 | 12/82 | 107.0 | 107.0 | 107.0 | 0 | 0 |
| All other compression type piston rings ...................................... |  | 3592-257 | 12/82 | 122.5 | 122.5 | 122.5 | 3.9 | 0 |
| Valves (engine intake and exhaust) ................................................ |  | 3592-3 | 12/82 | 123.0 | ${ }^{(3)}$ | 123.0 | . 5 | $\left({ }^{3}\right)$ |
| Valves (engine intake and exhaust) for motor vehicle engines (pass. cars, trucks, and buses) $\qquad$ |  | 3592-361 | 12/82 | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | 126.8 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Valves (engine intake and exhaust) for other engines ......................... |  | 3592-363 | 12/82 | 105.5 | ${ }^{(3)}$ | 105.9 | 3.5 | (3) |
| Secondary products and miscellaneous receipts ....................................... |  | 3592-SM |  |  |  |  |  |  |
| Secondary products |  | 3592-S | 12/82 | 124.3 | 128.0 | 128.0 | 4.9 | 0 |
| Other secondary products ..................................... |  | 3592-SSS | 12/82 | 137.1 | 137.5 | 137.5 | 4.7 | 0 |
| Motor vehicle parts and accessories ................................................ |  | 3714-S | 12/82 | 115.8 | 121.7 | 121.7 | 5.0 | 0 |
| Machinery, except electrical, not elsewhere classified .............................. |  |  | 06/84 | 109.7 | 111.3 | 111.1 | 5.0 | -. 2 |
| Primary products ....................................................................................... |  | 3599-P | 06/84 | 109.2 | 110.9 | 110.6 | 4.6 | -. 3 |
| Pneumatic and hydraulic cylinders, accumulators, cushions, and shock absorbers |  | 3599-2 | 06/84 | 111.3 | 111.2 | 111.7 | 6.2 | 4 |
| Hydraulic cylinders ......................................................................... |  | 3599-219 | 06/84 | 110.7 | 110.5 | 111.1 | 5.6 | . 5 |
| Tie-rod types .............................................................................. |  | 3599-21911 | 06/84 | 116.1 | 116.2 | 116.4 | 6.5 | . 2 |
| Telescoping ............... |  | 3599-21913 | 06/84 | 103.1 | 103.1 | ${ }^{(3)}$ | $(3)^{3}$ | ${ }^{(3)}$ |
| Miscellaneous machinery products ..................................................... |  | 3599-4 | 06/84 | 113.9 | 120.8 | 118.6 | 10.7 | -1.8 |
| Metal bellows ............................ |  | 3599-425 | 06/84 | 135.5 | 147.4 | 147.4 | 21.3 | . 0 |
| Other miscellaneous machinery products ......................................... |  | 3599-498 | 06/84 | 105.9 | 110.7 | 109.5 | 7.0 | -1.1 |
| Receipts for machine shop jobwork .................................................... |  | 3599-5 | 06/84 | 108.2 | 109.3 | 109.2 | 3.4 | -. 1 |
| Automotive ................................................................................... |  | 3599-512 | 06/84 | 105.6 | 105.6 | 105.6 | 3.8 | 0 |
| Aerospace . |  | 3599-513 | 06/84 | 112.6 | 113.4 | 113.4 | 2.7 | 0 |
| Electronics. |  | 3599-515 | 06/84 | 110.7 | 115.8 | 115.2 | 5.3 | -. 5 |
| Fabricated metal products .............................................................. |  | 3599-517 | 06/84 | 117.0 | 117.0 | 117.0 | 8.9 | 0 |
| Machinery, parts and accessories ............. |  | 3599-519 | 06/84 | 115.0 | 118.9 | 118.5 | 4.3 | -. 3 |
| Mining, construction, and oilfield equipment ...................................... |  | 3599-521 | 06/84 | 103.4 | 103.8 | 103.7 | . 8 | -. 1 |
| Appliances ............................................... |  | 3599-523 | 06/84 | 106.8 | $\left(^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Chemical and petroleum ........................... |  | 3599-527 | 06/84 | 111.4 | 111.4 | 111.4 | 2.1 | 0 |
| Food processing and packaging ....................................................... |  | 3599-529 | 06/84 | 104.6 | 104.6 | 104.6 | 0 | 0 |
| Electrical machinery ...................................................................... |  | 3599-531 | 06/84 | 99.7 | 99.7 | 99.7 | 0 | 0 |
| Agricultural equipment |  | 3599-533 | 06/84 | 103.5 | 103.5 | 103.5 | 0 | 0 |
| All other customers ..... |  | 3599-539 | 06/84 | 105.5 | 106.6 | 106.7 | 3.8 | 1 |
| Maintainance and repair ................................................................. |  | 3599-541 | 06/84 | 100.8 | 101.3 | 101.2 | 1.7 | -. 1 |
| Secondary products and miscellaneous receipts ........................................ |  | 3599-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3599-M | 06/84 | 113.3 | 113.6 | 115.7 | 8.2 | 1.8 |
| Resales ...................................................................................... |  | 3599-Z89 | 06/84 | 87.8 | 88.8 | 90.5 | . 3 | 1.9 |
| Secondary products .......................................................................... |  | 3599-S | 06/84 | 114.5 | 115.8 | 115.6 | 7.2 | -. 2 |
| Electrical and electronic machinery, equipment, and supplies .......................... | 36 |  | 12/84 | 106.4 | 107.1 | 107.5 | 2.9 | . 4 |
| Electric transmission and distribution equipment ............................................. | 361 |  | 12/84 | 111.6 | 113.7 | 114.1 | 7.8 | . 4 |
| Transformers ........................................................................................................ | 3612 |  | 06/81 | 123.1 | 125.3 | 125.5 | 8.4 | . 2 |
| Primary products ................................................................................. |  | 3612-P | 06/81 | 121.9 | 124.3 | 124.5 | 8.6 | . 2 |
| Distribution transformers .................................................................. |  | 3612-1 | 06/81 | 124.1 | 125.4 | 126.2 | $\left({ }^{3}\right)$ | . 6 |
| Liquid immersed ........................................................................... |  | 3612-101 | 06/81 | 124.4 | 125.5 | 126.4 | 8.2 | . 7 |
| Pole type, 500 KVA or less, single phase ...................................... |  | 3612-10111 | 06/81 | 119.0 | 120.1 | 121.9 | 8.9 | 1.5 |
| Pad mount, 500 KVA or less, single phase ..................................... |  | 3612-10112 | 06/81 | 129.5 | 127.1 | 129.2 | 9.7 | 1.7 |
| 500 KVA or less, three phase ....................................................... |  | 3612-10114 | 06/81 | 129.4 | 132.9 | 130.8 | 5.6 | -1.6 |
| Dry-type ...................................................................................... |  | 3612-102 | 03/82 | 106.1 | 108.6 | 110.0 | ${ }^{(3)}$ | 1.3 |
| 500 KVA or less, single phase ..................................................... |  | 3612-10221 | 03/82 | $\left.{ }^{3}\right)$ | 108.1 | 108.1 | $\left.{ }^{3}\right)$ | 0 |
| Power transformers ......................................................................... |  | 3612-2 | 06/81 | 110.4 | 112.9 | 112.6 | 10.4 | -. 3 |
| Small power transformers, one and three phase ................................ |  | 3612-201 | 06/81 | 116.6 | 118.9 | 119.5 | 6.9 | . 5 |
| 501-2500 KVA, liquid immersed ....................................................... |  | 3612-20121 | 06/81 | 122.0 | 128.2 | 129.2 | 7.3 | . 8 |
| All secondary unit substation, liquid or dry type ............................... |  | 3612-20131 | 06/81 | 97.7 | 96.4 | 97.2 | ${ }^{(3)}$ | . 8 |
| Large power transformers, one and three phase, liquid immersed ........ |  | 3612-202 | 06/81 | 106.2 | 108.9 | 108.0 | 12.7 | -. 8 |
| 10001-30000 KVA, without LTC ................................................... |  | 3612-20242 | 06/81 | $\left.{ }^{3}\right)$ | 85.8 | 84.1 | $\left.{ }^{3}\right)$ | -2.0 |
| Fluorescent lamp ballasts ................................................................. |  | 3612-3 | 06/81 | 130.8 | 131.0 | 130.4 | 7.5 | -. 5 |
| Corrected power factor type ............................................................ |  | 3612-302 | 06/81 | 131.2 | 131.4 | 130.7 | 7.4 | -. 5 |
| Specialty and all other transformers .............................................................. |  | 3612-4 | 06/81 | 129.6 | 130.9 | 131.6 | 6.6 | . 5 |
| Open core and coil, and all units end-bell enclosed, 250 KVA and less $\qquad$ |  | 3612-401 | 06/81 | 132.5 | 129.7 | 141.9 | 11.9 | 9.4 |
| Instrument transformers, indoor and outdoor .................................... |  | 3612-403 | 06/81 | 120.2 | 121.0 | 121.0 | ${ }^{(3)}$ | 0 |
| General purpose, one and three phase ............................................ |  | 3612-404 | 06/81 | 124.1 | 126.4 | 124.7 | 5.9 | -1.3 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Transformers-Continued <br> All other transformers including luminous tube, ignition, and saturable core reactors $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Secondary products $\qquad$ <br> Other secondary products $\qquad$ | 3613 | $\begin{aligned} & 3612-408 \\ & 3612-S M \\ & 3612-S \\ & 3612-S S S \end{aligned}$ | 06/81 | 148.5 | 152.3 | 153.8 | 14.5 | 1.0 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 06/81 | 139.8 | 146.6 | 147.3 | 15.3(3) | . 5 |
|  |  |  |  | 101.9 | 106.8 | 107.3 |  |  |
| Switchgear and switchboard apparatus |  |  | 06/85 | 111.9 | 114.1 | 114.6 | 7.4 | . 4 |
| Primary products ................. |  | 3613-P | 06/85 | 112.5 | 114.5 | 114.2 | 6.8 | -. 3 |
| Switchgear, except ducts and control circuit relays ............................... |  | 3613-1 | 06/85 | 111.5 | 112.9 | 110.1 | 4.2 | -2.5 |
| Metal-clad switchgear using power circuit breakers, all voltages, excl. load interrupter $\qquad$ |  | 3613-109 | 06/85 | 115.9 | 116.6 | 110.1 | 2.7 | -5.6 |
| Metal-enclosed load interrupter switchgear assemblies, all voltages incl. parts |  | 3613-111 |  | 95.3 | $\left({ }^{3}\right)$ | 95.3 | 8.5 | ${ }^{(3)}$ |
| Automatic and manual control panels (generators, transformers, etc.) . |  | 3613-112 | 06/85 | 114.1 | $\left.{ }^{3}\right)$ | 114.1 | 4.1 | (3) |
| Metal-enclosed air circuit breaker switchgear assemblies ................... |  | 3613-114 | 06/85 | 127.4 | 131.2 | 125.3 | 3.8 | -4.5 |
| Outdoor power switching equip., incl. attachments and bus supports, but exc. power fuses $\qquad$ |  | 3613-141 | 06/85 | 115.7 | 119.0 | 119.0 | 12.7 | 0 |
| Distribution cutouts ....................................................................... |  | 3613-183 | 06/85 | 118.7 | 124.2 | 123.8 | 4.3 | -. 3 |
| Power circuit breakers, all voltages ....................................................... |  | 3613-2 | 06/85 | 103.1 | 103.9 | 103.9 | 2.6 |  |
| Panelboards, distribution boards and other switching and interrupting devices $\qquad$ |  | 3613-3 |  |  | 118.1 | 118.5 | 11.1 | . 3 |
| Panelboards, including enclosing cabinets 750 volts and below ........... |  | 3613-31 | 06/85 | 123.7 | 123.6 | 123.6 | 13.1 | 0 |
| Circuit breaker .......................................................................... |  | 3613-312 | 06/85 | 134.9 | 134.8 | 134.8 | 21.2 | 0 |
| Distribution switchboards, 750 volts and below ................................. |  | 3613-32 | 06/85 | 112.3 | 112.4 | 112.4 | 9.1 | 0 |
| Circuit breaker ........................................................................... |  | 3613-3217 | 06/85 | 108.7 | 109.6 | 109.5 | 7.4 | -. 1 |
| Other including theater switchboard ........... |  | 3613-3219 | 06/85 | 118.6 | 116.1 | 116.1 | 1.9 | 0 |
| Switches, exc. snap, toggle and rotary switches, 750 volts and below . |  | 3613-33 | 06/85 | 113.2 | 120.4 | 120.9 | 12.0 | . 4 |
| Knife switches, enclosed general duty .......................................... |  | 3613-3322 | 06/85 | 118.3 | 120.3 | 119.2 | 5.9 | -. 9 |
| Other switches, including open knife and motor contact switches ..... |  | 3613-3333 | 06/85 | 111.7 | 111.7 | 111.7 | 4.2 | 0 |
| Other switchgear apparatus incl. air cir. breakers sold separately ........ |  | 3613-398 | 06/85 | 109.0 | 110.4 | 111.5 | 6.9 | 1.0 |
| Fuses and fuse equipment, under 2,300 volts, excluding power distribution cutouts $\qquad$ |  | 3613-4 |  | 114.6 | 118.4 | 118.4 | 5.2 | 0 |
| Nonrenewable cartridge fuses |  | 3613-451 | 06/85 | 122.6 | 125.4 | 125.4 | 5.3 | 0 |
| Other fuses and open fuse material, incl. cutouts, clips, bases, etc. |  | 3613-493 | 06/85 | 105.4 | 110.1 | 110.1 | 5.0 | 0 |
| Molded case circuit breakers .......................... |  | 3613-5 | 06/85 | 116.2 | 116.8 | 116.7 | 7.0 | -. 1 |
| Industrial type, 1000 v . and below, incl. attachments or accessories .... |  | 3613-511 | 06/85 | 119.0 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Residential or light duty type, 1000 v . and below ............................... |  | 3613-512 | 06/85 | $\left.{ }^{3}\right)$ | 114.1 | 113.7 | 6.5 | -. 4 |
| Relays, control circuit ...................................................................... |  | 3613-7 | 06/85 | 110.9 | (3) | 115.2 | 9.3 | (3) |
| A.c. and d.c. magnetic control circuit relays, excluding overload relays $\qquad$ |  | 3613-711 |  |  |  |  | 9.3 | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ..................................... |  | 3613-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3613-M | 06/85 | 99.9 | $(3)^{3}$ | $\left({ }^{3}\right)$ | (3) | (3) |
| Resales ...................................................................................... |  | 3613-289 | 06/85 | 99.9 | $\left.{ }^{3}\right)$ | $\left(^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Secondary products ......................................................................... |  | 3613-S | 06/85 | 116.9 | 118.3 | 127.6 | 13.7 | 7.9 |
| Other secondary products |  | 3613-SSS | 06/85 | 121.9 | 121.9 | 123.0 | 4.6 | . 9 |
| Current-carrying wiring devices .............................. |  | 3643-S | 06/85 | 121.6 | 127.2 | 127.2 | ${ }^{(3)}$ | 0 |
| Electrical industrial apparatus | 362 |  | 12/84 | 112.9 | 113.5 | 113.9 | 5.2 | . 4 |
| Electric motors and generators | 3621 |  | 06/83 | 122.7 | 123.3 | 123.8 | 6.6 | . 4 |
| Primary products ........... |  | 3621-P | 06/83 | 122.0 | 122.7 | 123.2 | 6.5 | . 4 |
| Fractional horsepower motors and generators ..................................... |  | 3621-1$3621-111$ | 06/83 | 119.7 | 120.4 | 120.5 | 6.4 | . 1 |
| Automobile accessory motors ......................................................... |  |  |  | 97.0 | $\begin{aligned} & 97.0 \\ & (3) \end{aligned}$ | $\begin{aligned} & 97.0 \\ & \left({ }^{3}\right) \end{aligned}$ | ${ }_{(3)}{ }^{\text {. }}$ |  |
| Aircraft and space motors (excluding generators) ............................... |  | $3621-112$$3621-115$ | 12/87 | $\left.{ }^{3}{ }^{3}\right)$ |  |  |  | (3)-1.4 |
| Universal motors (cased) .................................... |  |  | 06/83 | 138.2 | 138.4 | 136.5 | 6.0 |  |
| Direct current motors and generators ........ |  | $\begin{aligned} & 3621-115 \\ & 3621-17 \end{aligned}$ | 06/83 | 112.6 | 115.4 | 113.5 | 7.1 | -1.6 |
| Case diameter: up to 3 inches ....................................................... |  | 3621-171 | 06/83 | 110.0 | 115.5 | 115.5 | 9.4 | 0 |
| Case diameter: 3 inches to 9 inches ............................................. |  | 3621-172 | 06/83 | 114.0 | 114.6 | 111.3 | 5.2 | -2.9 |
| Alternating current motors .............................................................. |  | 3621-18 | $06 / 83$$06 / 83$ | 127.9 | 128.5 | 129.2 | ${ }^{8.4}$ | . 5 |
| Skeleton type shaded pole motors ............................................... |  | $3621-181$$3621-182$ |  | 110.3 | ${ }^{(3)}$ | ${ }^{(3)}$ |  | (3) |
| Conventional type shaded pole motors ......................................... |  |  | $06 / 83$ $06 / 83$ | 121.4 | 121.5 | 121.5 | (3) 5.4 5.4 | 0 |
| Case diameter: up to 3 3/4 inches ............................................. |  | 3621-18201 | 06/83 | 116.2 | 116.3 | 116.3127.9 | 5.3 | 0 |
| Case diameter: 3 3/4 inches to 9 inches ................................... |  | 3621-18202 | 06/83 | 127.9 | 127.9 |  | 5.2 | 0 |
| Other A.C. motors, excluding clock type ............................................ |  | 3621-183 | 06/83 | 131.1 | 131.9 | 132.8 | 9.8 | . 7 |
|  |  | $\begin{aligned} & 3621-18301 \\ & 3621-18302 \end{aligned}$ | 06/83 | 123.4 | 123.9 | 124.7134.4 | 6.810.4 | . 6 |
| Case diameter: $53 / 8$ inches to 9 inches, less than 1 hp .............. |  |  | 06/83 | 132.6 | 133.5 |  |  | . 7 |
| Integral horsepower motors and generators, except for land transportation equipment $\qquad$ |  | 3621-2 | 06/83 | 118.7 | 119.8 | 121.6 | 8.1 | 1.5 |
| D.C. motors and generators ........................................................... |  | 3621-2C | 06/83 | 127.9 | 129.7 | 129.7 | 7.5 | 0 |
| 1 to 200 h.p. ( $3 / 4$ to $150 \mathrm{kw)}$..................................................... |  | 3621-231 | $06 / 83$ | 124.7 | 126.5 | 126.5 | 7.5 | 0 |
| A.C. generators, except turbine driven, arc welding, and aerospace ..... |  | 3621-2D | 06/83 | 97.2 | 96.9 | 98.0 | 2.1 | 1.1 |
| $3 / 4$ to 400 kw .......................................................................... |  | 3621-241 | 06/83 | 109.2 | 108.6 | 108.6 | 1.3 | 0 |
| Over 400 kw ............................................................................. |  | 3621-242 | 07/83 | 87.1 | 87.1 | 89.0 | 2.7 | 2.2 |
| A.C.motors ................................................................................... |  | 3621-21 | 06/83 | 120.2 | 121.4 | 123.7 | 9.0 | 1.9 |
| Single phase, all h.p. ratings .................................................. |  | 3621-222 | 06/83 | 95.6 | 96.2 | 96.2 | 2.1 | 0 |
| Polyphase-induction .............................................................. |  | 3621-223 | 06/83 | 120.9 | 122.6 | 125.4 | 9.2 | 2.3 |
| 1 to 500 h.p ............................................................................ |  | 3621-22301 | 06/83 | 125.6 | 127.6 | 129.0 | 10.3 | 1.1 |
| Prime mover generator sets, exc. steam or hydraulic turbine ................. |  | 3621-4 | 06/83 | 126.8 | 127.3 | 127.3 | 8.5 | 0 |
| Gas and/or gasoline driven (A.C. and D.C. output) .............................. |  | 3621-411 | 06/83 | 148.2 | 151.3 | 151.3 | ${ }^{(3)}$ | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Electric motors and generators-Continued | 3622 |  |  |  |  |  |  |  |
| Fractional horsepower motor-generator sets ........................................ |  | 3621-7 |  |  |  |  |  |  |
| Other rotating equipment ............................................................... |  | 3621.71 | 06/83 | 128.3 | 128.6 | 129.2 | 6.6 | 0.5 |
| Synchros, servos, rate generators, resolvers, and combinations ........ |  | 3621-753 | 06/83 | 124.9 | 126.2 | 128.2 | 7.5 | 1.6 |
| Integral horsepower motor-generator sets |  | $\begin{aligned} & 3621-8 \\ & 3621-811 \end{aligned}$ | 06/83 | 135.8 | 135.8 | 135.8 | . 1 | 0 |
| Synchronous converters and double current generators |  |  | 06/83 | 112.2 | 112.2 | 112.2 | 2.1 | 0 |
| Parts and supplies for motors and generators ...................................... |  | 3621-9 | 12/87 | 105.6 | 106.7 | 106.3 | 4.2 | -. 4 |
| Parts and supplies for motors, generators and sets .............................. |  | $3621-911$ | 06/83 | 118.1 | 119.3 | 118.8 | 4.2 | -. 4 |
| Secondary products and miscellaneous receipts |  | 3621-SM |  |  |  |  |  |  |
| Secondary products |  | $\begin{aligned} & \text { 3621-S } \\ & 3621-S S S \end{aligned}$ | 06/83 | 122.4 | 122.6 | 122.6 | 3.1 | 0 |
| Other secondary products |  |  | 06/83 | 116.5 | 116.7 | 116.7 | 2.7 | 0 |
| Industrial controls |  |  | 06/85 | 110.5 | 110.7 | 110.9 | 3.8 | . 2 |
| Primary products |  | 3622-P | 06/85 | 110.4 | 110.7 | 111.0 | 4.0 | . 3 |
| General industrial controls ................................................................ |  | 3622-A | 06/85 | 113.9 | 113.8 | 114.3 | 4.9 | . 4 |
| Starters, contactors and motor control centers ................................... |  | $3622-1$ | 06/85 | 115.2 | 114.8 | 115.4 | 4.4 | . 5 |
| Full voltage starters, AC, 1000 volts or less .................................. |  | 3622-112 | 06/85 | 121.2 | 121.2 | 122.0 | 6.7 | . 7 |
| Non-combination full voltage starter ........................................... |  | 3622-1 1201 | 06/85 | 120.9 | 120.8 | 121.7 | 6.6 | . 7 |
| Combination full voltage AC starter .......... |  | 3622-11202 | 06/85 | 121.8 | 121.9 | 122.4 | 6.8 | . 4 |
| Contactor, AC, 1000 volts or less .................................................. |  | 3622-113 | 06/85 | 115.6 | 118.3 | 118.3 | 4.7 | 0 |
| Motor control center, 1000 volts or less .................................... |  | 3622-116 | 06/85 | 108.6 | 107.2 | 107.0 | 1.9 | -. 2 |
| Other starters, contactors and controls ........................................ |  | 3622-119 | 06/85 | 110.5 | 109.1 | 111.2 | 1.7 | 1.9 |
| Pilot or control circuit device .......................................................... |  | 3622-2 | 06/85 | 118.6 | 119.2 | 120.3 | 6.5 | . 9 |
| Limit switch or other position sensor, solid state or mechanical ........ |  | 3622-231 | 06/85 | 117.6 | 118.8 | 120.8 | 7.3 | 1.7 |
| Mechanical ......................................................................... |  | 3622-23101 | 06/85 | 120.4 | 120.4 | 122.8 | 8.1 | 2.0 |
| Interval timers, and other industrial pilot circuit devices .................... |  | 3622-242 | 06/85 | 115.2 | 115.5 | 115.8 | 4.2 | . 3 |
| Industrial pushbuttons, selector switches, pilot lights, foot switches and push button stations |  | 3622-244 | 06/85 | 121.4 | 121.4 | 121.8 | 6.3 | . 3 |
| Brake, clutch or related electrically operated device (excluding dynamic braking controls) $\qquad$ |  | 3622-321 | 06/85 | 109.5 | 109.8 | 109.8 | 4.6 | 0 |
| Other general purpose controls and accessories ............................... |  | 3622-497 | 06/85 | 108.8 | 108.6 | 108.7 | 4.3 | . 1 |
| Specific application industrial controls ................................................ |  | 3622-B | 06/85 | 104.5 | 105.4 | 105.4 | 3.1 | 0 |
| Rheostat or resistor for use in motor field circuit, sold separately ......... |  | 3622-381 | 06/85 | 106.1 | 106.1 | 108.2 | 2.0 | 2.0 |
| Crane and hoist controls ............................................................... |  | 3622-648 | 06/85 | 122.5 | 122.5 | 122.5 | 2.3 | 0 |
| Control for packaged adjustable speed drive ..................................... |  | 3622-696 | 06/85 | 108.5 | 109.7 | 109.7 | 5.4 | 0 |
| Machine tool controls ................................................................... |  | 3622-7 | 06/85 | 83.9 | 83.9 | 83.9 | 0 | 0 |
| Digital readout numerical control (including dial and plugboard type) $\qquad$ |  | 3622-759 | 06/85 | 103.5 | 103.5 | 103.5 | 0 | 0 |
| Other specific, special or definite purpose controls and devices |  | 3622-8 | 06/85 | 107.7 | 109.1 | 109.0 | 2.2 | -. 1 |
| Definite purpose contactor or starter, 600 volts or less |  | 3622-849 | 06/85 | 112.1 | 111.9 | 112.8 | 6.2 | . 8 |
| Programmable controller, sold separately ..................................... |  | 3622-871 | 06/85 | 102.7 | 105.5 | 105.1 | 1.6 | -. 4 |
| Other special controls except programmable controllers .................. |  | 3622-876 | 06/85 | 111.0 | 111.6 | 111.6 | 2.0 | 0 |
| Resistance welding control ...................................................... |  | 3622-87601 | 06/85 | 113.5 | 115.2 | 115.2 | 3.6 | 0 |
| AC or DC control panel or other specific purpose control .............. |  | 3622-87602 | 06/85 | 110.0 | 110.0 | 110.0 | 1.2 | 0 |
| Renewal parts |  | 3622-999 | 06/85 | 115.8 | 115.8 | 115.8 | 2.4 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | $3622-\mathrm{SM}$ |  |  |  |  |  |  |
| Contract work and other miscellaneous receipts ..................................... |  | 3622-XY9 | 06/85 | 127.7 | 127.7 | 127.7 | 7.6 | 1 |
| Secondary products ............................................................................... |  | 3622-S | 06/85 | 106.5 | 106.5 | 106.6 | 2.3 | . 1 |
| Switchgear, switchboards, control circuit relays and related devices .... |  | $3613-\mathrm{S}$ | 06/85 | 104.7 | 104.7 | 104.7 | 4.3 | 0 |
| Other secondary products ................................................................ |  | 3622-SSS | 06/85 | 108.3 | 108.3 | 108.5 | . 6 | . 2 |
|  | 3623 | 3623-P | 12/84 | 115.4 | 116.0 | 116.3 | 3.5 | . 3 |
| Primary products |  |  | 12/84 | 115.4 | 116.0 | 116.2 | 3.4 | . 2 |
| Arc welding machines, components, and accessories, excluding electrodes |  | 3623-1 | 12/84 | 112.6 | 113.7 | 113.9 | 4.6 | . 2 |
| Arc welding machines .................................................................... |  | 3623-11 | 12/84 | 114.8 | 116.3 | 116.6 | 5.3 | . 3 |
| Transformer type, A.C., 300 amps and under .................................. |  | 3623-114 | 12/84 | 113.2 | 116.2 | 117.2 | 7.9 | . 9 |
| Rectifier types, incl. A.C.-D.C |  | 3623-132 | 12/84 | 116.6 | 115.5 | 115.6 | 2.2 | . 1 |
| Components and accessories for arc welding apparatus, excluding electrodes |  | 3623-12 | 12/84 | 108.4 | 108.7 | 108.7 | 2.9 | 0 |
| All other accessories for arc welding machines, excluding electrodes and welding rods $\qquad$ |  | 3623-159 | 12/84 | 109.5 | 110.4 | 110.4 | 2.0 | 0 |
| Arc welding electrodes ...................................................................... |  | 3623-2 | 12/84 | 118.3 | 118.7 | 118.7 | 2.5 | 0 |
| Stick electrodes, straightened and cut lengths, including solid, cored, covered and bare $\qquad$ |  | 3623-21 | 12/84 | 119.5 | 119.8 | 119.8 | 2.7 | O |
| Mild steel .................................................................................. |  | 3623-211 | 12/84 | 115.2 | 115.8 | 115.8 | 2.7 | 0 |
| Coiled/spooled continous wire electrodes for including arc weld and inert gas shielded $\qquad$ |  | 3623-22 | 12/84 | 116.6 | 117.0 | 117.0 | 2.1 | 0 |
| Solid wire ................................................................................... |  | 3623-221 | 12/84 | 118.8 | 119.0 | 119.0 | 1.7 | 0 |
| Mild steel ............................................................................... |  | 3623-22152 | 12/84 | 121.6 | 121.9 | 121.9 | 2.7 | 0 |
| Cored wire (shielded) ................................................................................. |  | 3623-222 |  |  |  |  |  |  |
| Mild steel .......................................................................... |  | 3623-22261 | 12/84 | 113.4 | 114.3 | 114.3 | 2.8 | 0 |
| Resistance welders, components, accessories, and electrodes ......... |  | 3623-3 | 12/84 | 114.1 | 113.8 | 115.0 | 2.8 | 1.1 |
| Resistance welder accessories, including electrode holders ................ |  | 3623-381 | 12/84 | 142.2 | 139.8 | 139.2 | 5.0 | -. 4 |
| Secondary products and miscellaneous receipts ...................................... |  | 3623-SM |  |  |  |  |  |  |
| Miscellaneous receipts ...................................................................... |  | 3623-M | 12/84 | 122.3 | 123.7 | 123.7 | 6.0 | 0 |
| Secondary products ................................................................................ |  | 3623-S |  |  |  |  |  |  |
|  |  | 3623-SSS | 12/84 | 113.0 | 113.4 | 113.9 | 3.5 | . 4 |
| Carbon and graphite products .................................................................... | 3624 |  | 06/85 | 98.2 | 101.3 | 101.4 | 4.1 | . 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | $\begin{aligned} & \text { Index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{aligned} & \text { June } \\ & 1989^{2} \end{aligned}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Carbon and graphite products-Continued | 3629 |  |  | 96.6 | 100.1 | 100.2 | 4.5 | 0.1 |
| Primary products ............................... |  | 3624-P | 06/85 |  |  |  |  |  |
| Carbon and graphite electrodes |  | 3624-1 | 06/85 | 89.7 | 94.1 | 94.1 | 5.7 | 0 |
| Graphite electrodes ................ |  | 3624-156 | 06/85 | 85.7 | 90.2 | 90.2 | 6.4 | 0 |
| Carbon and graphite products, excluding electrodes .............................. |  | 3624-9 | 06/85 | 105.0 | 107.3 | 107.4 | 3.2 | . 1 |
| Brushes, contacts, and brushplates ..................................................... |  | 3624-91 | 06/85 | 106.0 | 108.9 | 109.4 | 3.4 |  |
| Automotive brushes, including replacement and coded, excluding auto accessory brushes $\qquad$ <br> All other fractional horsepower brushes \& contacts, including |  | 3624-911 | 06/85 | 106.3 | 106.3 | 109.0 | 6.4 | 2.5 |
| All other fractional horsepower brushes \& contacts, including replacement \& miniature brushes |  | 3624-913 | 06/85 | 103.8 | 105.5 | 105.5 | 1.7 | 0 |
| All other industrial brushes and contacts ......................................... |  | 3624.915 | 06/85 | 107.3 | 112.0 | 112.0 | 3.3 | 0 |
| Carbon \& graphite products except electrodes, brushes, contacts \& brushplates |  | 3624-98 | 06/85 | 104.6 | 106.7 | 106.7 | 3.1 | 0 |
| Products with mechanical application excluding metallic oilless bearings |  | 3624-983 | 06/85 | 107.1 | 109.6 | 109.6 | 5.7 | . 0 |
| Products with other applications including chemical, metallurgical, \& refractory usages $\qquad$ |  | 3624-989 06/85 |  | 106.2 | 107.5 | 107.5 | 3.1 | 0 |
| Secondary products and miscellaneous receipts ............................................ |  | 3624-SM |  |  |  |  |  |  |
| Secondary products ............................................ |  | 3624-S | 06/85 | 109.1 | 112.1 | 112.1 | 6.5 | 0 |
| Other secondary products ................................... |  | 3624-SSS | 06/85 | 101.8 | 107.7 | 107.7 | 5.8 | 0 |
| Electrical industrial apparatus, n.e.c. |  |  | 12/85 | 101.0 | 101.0 | 100.8 | 2.5 | -. 2 |
| Primary products .................. |  | 3629-P | 12/85 | 99.1 | 99.0 | 99.5 | 2.3 | . 5 |
| Rectifying apparatus, except electronic .................. |  | 3629-2 | 12/85 | 101.0 | 101.1 | 101.1 | 1.8 | 0 |
| Semiconductor power conversion apparatus ................................. |  | 3629-211 | 12/85 | 101.9 | 102.0 | 102.0 | 1.6 | 0 |
| Semiconductor battery chargers ......................................... |  | 3629-21111 | 12/85 | 106.6 | 106.9 | 106.9 | 3.1 | 0 |
| Other rectifying (power conversion) apparatus ................................... |  | 3629-212 | 12/85 | 97.2 | 97.2 | 97.2 | 2.5 | 0 |
| Other electrical equipment for industrial use ........................................... |  | 3629-3 | 12/85 | 107.2 | 107.9 | 107.9 | 2.8 | 0 |
| Other miscellaneous electrical industrial apparatus, n.e.c., including thermic generators $\qquad$ |  | 3629-319 | 12/85 |  | 108.1 | 108.1 | 2.7 | 0 |
| Secondary products and miscellaneous receipts ......................................... |  | 3629-S |  | 107.4 |  |  |  |  |
| Secondary products ........................................................................... |  |  | 12/85 | 110.5 | 110.1 | 106.5 | 5.1 | -3.3 |
| Household appliances | 363 |  | 12/84 | 101.9 | 102.6 | 103.3 | 3.2 | . 7 |
| Household cooking equipment and parts ........ | 3631 |  | 06/81$06 / 81$ | 108.7 | 109.0 | 109.5 | 2.5 | . 5 |
| Primary products. |  |  |  | 107.0 | $\begin{aligned} & 107.3 \\ & 102.1 \end{aligned}$ | 107.7 | 2.3 | . 4 |
| Electric, electronic, and microwave household cooking units and parts.. |  | $\begin{aligned} & 3631-P \\ & 3631-1 \end{aligned}$ | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 101.9 |  | 102.6 | 2.6 | . 5 |
| Free-standing electric ranges and ovens ......................................... |  | $\begin{aligned} & 3631-1 A \\ & 3631-112 \end{aligned}$ | 06/81 | 115.2 | $\begin{aligned} & 102.1 \\ & 115.8 \end{aligned}$ | 116.4 | 2.4 | . 5 |
| Free-standing ranges 23 to 32 inches in width ............................... |  |  | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 114.6 | 115.2 | 115.8 | 2.4 | . 5 |
| Low oven ........................... |  | $\begin{aligned} & 3631-112 \\ & 3631-11201 \end{aligned}$ |  | 114.0 | 114.7 | 115.4 | 2.5 | .6-.2 |
| Other than free-standing electric ranges ..... |  | $3631-1 \mathrm{~B}$$3631-121$ | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 123.7 | 125.6 | 125.4 | 2.7 |  |
| Built-in ranges ............................................................................... |  |  | 06/81 | 119.3 | 119.3 | 119.3 | 2.8 | 0 |
| Surface cooktops ..................................................................... |  | $\begin{aligned} & 3631-121 \\ & 3631-21113 \end{aligned}$ | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 116.4 | 116.4 | 116.4 | 1.5 | 0 |
| Microwave cooking equipment ........................................................ |  | 3631-1C |  | $\begin{aligned} & 78.4 \\ & \left(^{3}\right) \end{aligned}$ | 77.8 | 78.6 | 3.0 | 1.0 |
| Portable microwave ovens .......................................................... |  | 3631-174 | $06 / 81$ |  | 69.4 | 69.4 | 2.4 | 0 |
| Gas household units and parts ......................................................... |  | 3631-3 | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | 117.0 | 117.9 | 118.1 | 1.9 | . 2 |
| Standard type gas ranges ............................................................ |  | 3631-3A |  | 116.6 | 117.6 | 117.6 | 1.4 | 0 |
| Free-standing ranges ............................................................ |  | 3631-312 | $\begin{aligned} & 06 / 81 \\ & 06 / 81 \end{aligned}$ | $\begin{aligned} & 115.5 \\ & 121.0 \\ & 113.5 \\ & 123.5 \end{aligned}$ | 116.3 | 116.3 | 1.0 | 0 |
| Free-standing gas ranges over 32 inches ................................... |  | 3631-31211 | $06 / 81$$06 / 81$$06 / 81$ |  | 124.0 | 124.0 | 4.9 | 0 |
| Free-standing gas ranges over 24 to 32 inches in width ............... |  | 3631-31213 |  |  | 113.9 | 113.9 | . 3 | 0 |
| Free-standing gas ranges 24 inches and under in width ................. |  | $\begin{aligned} & 3631-31215 \\ & 3631-3 B \end{aligned}$ |  |  | 123.5 | 123.5 | -1.1 | 0 |
| Nonstandard type gas ranges .................................................................. |  |  | 06/81 |  |  |  |  |  |
| Outdoor cooking equipment and all other household cooking equipment except gas and electric $\qquad$ |  | 3631.4 |  |  |  |  |  |  |
| Outdoor cooking equipment ............................................................ |  | 3631-4A | 06/81 | 116.3 | 116.3 | 116.3 | 1.4 | 0 |
| Permanently instailed outdoor cooking units .................................... |  | $3631-411$ |  |  |  |  |  |  |
| Portable outdoor cooking units ..................................................... |  | $3631-412$ | 06/81 | 113.6 | 113.6 | 113.6 | 1.3 | 0 |
| Other fuel consuming ............................................................... |  | 3631-41213 | 06/81 | ${ }^{(3)}$ | ${ }^{3}$ ) | $\left.{ }^{3}\right)$ | $(3)^{3}$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ......................................... |  | 3631 -SM |  |  |  |  |  |  |
| Secondary products ......................................................................... |  | $3631-\mathrm{S}$ | 06/81 | 120.5 | 120.5 | 121.0 | 3.2 | . 4 |
| Other secondary products .............................................................. |  | 3631-SSS | 06/81 | 115.5 | 115.5 | 116.3 | 3.4 | . 7 |
| Household refrigerators and freezers ................................................................ | 3632 |  | 12/81 | 109.8 | 111.3 | 111.6 | 3.2 | . 3 |
| Primary products ................................................................................ |  | 3632-P | 12/81 | 111.9 | 113.7 | 113.7 | 3.6 | 0 |
| Household refrigerators, including combination refrigerator-freezers, complete units |  | 3632-1 | 12/81 | 112.0 | 113.6 | 113.7 | 3.3 | . 1 |
| 14.4 cubic feet and under ...................................................................................................... |  | 3632-102 | 12/81 | 108.5 | 108.7 | 108.7 | 1.7 | 0 |
| 17.5 to 19.4 cubic feet ........................................................ |  | 3632-143 | 12/81 | 109.6 | 112.0 | 112.3 | 3.9 | . 3 |
| Home and farm freezers, complete units for freezing and/or storing food |  | 3632-2 | 04/82 | 106.9 | 109.6 | 109.8 | 5.7 | . 2 |
| Secondary products and miscellaneous receipts ...................................... |  | 3632-SM |  |  |  |  |  |  |
| Secondary products |  | $3632-\mathrm{S}$ | 12/81 | 103.2 | 103.2 | 104.5 | 1.3 | 1.3 |
| Household laundry equipment ......................................................................... | 3633 |  | 12/79 | 131.7 | 132.9 | 134.4 | 3.1 | 1.1 |
| Primary products ................................................................................ |  | 3633-P | 12/79 | 132.6 | 133.9 | 134.9 | 2.8 | . 7 |
| Household mechanical washing machines, dryers, and washer-dryer combinations |  | 3633-1 | 12/79 | 128.4 | 129.9 | 131.1 | 3.4 | . 9 |
| Washing machines, mechanical, electric .......................................... |  | 3633-1A | 12/79 | 124.0 | 125.0 | 126.3 | 2.8 | 1.0 |
| Fully automatic and semi-automatic, standard size .......................... |  | 3633-131 | 12/79 | 123.7 | 124.6 | 126.0 | 2.7 | 1.1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Household laundry equipment-Continued | 3634 | $\begin{aligned} & 3633-15 \\ & 3633-155 \\ & 3633-3 \\ & 3633-S M \\ & 3633-M \\ & 3633-S \end{aligned}$ | $\begin{aligned} & 12 / 79 \\ & 12 / 79 \end{aligned}$ | $\begin{aligned} & 136.6 \\ & 139.8 \end{aligned}$ | $\begin{aligned} & 139.3 \\ & 142.4 \end{aligned}$ | $\begin{aligned} & 140.1 \\ & 143.4 \end{aligned}$ | $\begin{aligned} & 4.5 \\ & 4.5 \end{aligned}$ | $\begin{array}{r} 0.6 \\ .7 \end{array}$ |
| Dryers, mechanical ..................... |  |  |  |  |  |  |  |  |
| Electric .......................................................................... |  |  |  |  |  |  |  |  |
| Other equipment and parts ........................................................... |  |  |  |  |  |  |  |  |
| Secondary products and miscellaneous receipts ................................... |  |  |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................ |  |  |  | 127.6 | 128.1 | 133.2 | 5.5 | 4.0 |
| Secondary products .................................................................................. |  |  | 12/79 |  |  |  |  |  |
| Electric housewares and fans ...............................................................................................................................................Primary products |  | - | 12/82 | 107.3106.4 | 108.4107.0108 | $\begin{aligned} & 109.0 \\ & 107.6 \end{aligned}$ | $\begin{aligned} & 3.8 \\ & 3.2 \end{aligned}$ | .6.6 |
|  |  | 3634-P | 12/82 |  |  |  |  |  |
| Electric fans, except industrial, excluding parts ........................................ |  | 3634-1 | 12/82 | 102.9 | 103.1 | 104.5 | 4.1 | $\begin{aligned} & 1.4 \\ & 2.1 \end{aligned}$ |
| Kitchen ventilating and exhaust fans, including range and oven hoods |  | 3634-18 | 12/82 | 108.0 | 108.2 | 110.5 | 3.6 |  |
| Electric range hoods, ducted and nonducted ................................. |  | $\begin{aligned} & 3634-184 \\ & 3634-187 \end{aligned}$ | $12 / 82$$12 / 82$ | 108.6 | 108.7108.1 | 108.7(3) | ${ }^{2.4}{ }^{3}$ | $(3)^{3}$ |
| All other kitchen ventilating and exhaust fans .................................. |  |  |  |  |  |  |  |  |
| All other household fans, excluding roof ventilators, furnace and air conditioning fans $\qquad$ |  | 3634-198 | 12/82 | 93.7106.4 | $\begin{array}{r} 94.2 \\ 107.0 \end{array}$ | 94.1107.5 | 1.4 | -.1.5 |
| Small household appliances, excluding parts ........................................ |  | 3634-5 | 12/82 |  |  |  | 2.9 |  |
| Automatic coffeemakers ................................................................. |  | 3634-53 | 12/82 | 95.9 | 99.7 | 98.4 | -1.1 | -1.3 |
| Vacuum, percolator, and drip coffeemakers .................................. |  | $3634-525$ | 12/82 | 95.0 | 98.8 | 97.5 |  | -1.3 |
| Air space heaters ................................................................................... |  | 3634-54 | 12/82 | 119.5 | 122.6 | 122.9 | -1.0 7.0 | 2 |
| Portable room heaters |  | $\begin{aligned} & 3634-541 \\ & 3634-54101 \end{aligned}$ | 12/82 | 111.2 | 113.8 | 114.5 | 6.9 | . 6 |
| Fan-forced type |  |  | 12/82 | 111.4 | 114.2 | 115.0 | 7.0 | . 7 |
| Space heater for fixed installation, all types .................................... |  | 3634-54501 | 12/82 | 124.6 | 128.1 | 128.1 | 6.9 | 00 |
| Baseboard, excluding glass panel type ....................................... |  |  | 12/82 | 127.7 | $\begin{gathered} 128.2 \\ \left({ }^{3}\right) \end{gathered}$ | $\begin{gathered} 128.2 \\ \left({ }^{3}\right) \end{gathered}$ | ${ }^{9.7}$ |  |
| All others, excluding warm air furnaces .......................................... |  | 3634-54502 | 12/82 |  |  |  |  | ( ${ }^{3}$ ) |
| Electric fry pans (skillet) .......................................................................... |  | 3634-542 | 12/82 | 104.9 | 104.9 | 104.9 | 7.6 | 0 |
| Corn poppers .............................................................................................. |  | 3634-548 | 06/87 | 105.8 | 112.7 | 110.7 | 9.5 | -1.8-.6 |
| Household food preparation appliances ............................................ |  | 3634.57 | 12/82 | 99.6 | 101.0 | 100.4 | -1.1 |  |
| Food mixers, including standard attachments ................................... |  | 3634-571 | 12/82 | 101.8 | 104.0 | 103.0 | .4 .4 | -.6 -1.0 |
| Stand mixers ................................................................................ |  | $\begin{aligned} & 3634-57102 \\ & 3634-57103 \end{aligned}$ | $\begin{aligned} & 06 / 87 \\ & 12 / 82 \end{aligned}$ | 98.4100.6 | 102.3(3) | 102.0 | 3.6 | -. 3 |
| Blenders (liquifiers) .............................................................................. |  |  |  |  |  | 100.6 | -1.5 | ${ }^{(3)}$ |
| All other household food preparation appliances .............................. |  | 3634-578 | $\begin{aligned} & 12 / 82 \\ & 12 / 82 \end{aligned}$ | 100.6 91.1 | 89.1 | 90.3 | -7.1 | 1.3 |
| Blankets and all other electric bed coverings ..................................... |  | 3634-583 | $\begin{aligned} & 12 / 82 \\ & 12 / 82 \end{aligned}$ | 106.9 | 107.6 | 107.6 | 3.1 | 0 |
| All other electric appliances ........................................................... |  | 3634-598 |  | $\begin{aligned} & 113.7 \\ & 123.1 \end{aligned}$ | 113.9 | 114.0 | 5.8 | . 1 |
| All other electric appliances ........................................... |  | 3634-59805 | $\begin{aligned} & 12 / 82 \\ & 12 / 82 \end{aligned}$ |  | 123.3 | 123.4 | 5.7 | . 1 |
| Parts and attachments for small electric appliances .............................- |  | 3634-9 | $12 / 82$ |  |  |  |  |  |
| All other parts and attachments ................................................................ |  | 3634-912 |  | $\begin{aligned} & 112.1 \\ & 114.2 \end{aligned}$ | 112.2 | 114.3 | 5.5 | 1.9 |
| Electrothermal ............................................................................. |  | $\begin{aligned} & 3634-91201 \\ & 3634-S M \\ & 3634-M \\ & 3634-Z 89 \\ & 3634-S \end{aligned}$ | 12/82 |  | ${ }^{(3)}$ | 119.3 | 12.1 | (3) |
| Secondary products and miscellaneous receipts ............................................. |  |  |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................................. |  |  |  |  |  |  |  |  |
| Resales ........................................................................................-...- |  |  | $01 / 86$ $12 / 82$ | 93.4 118.9 | 99.6 120.2 | 99.1 121.0 | 4.4 7.1 | -.5 .7 |
| Secondary products .......................................................................... |  |  | 12/82 | 118.9 | 120.2 | 121.0 | 7.1 | . 7 |
| Household vacuum cleaners ............................................................................ | 3635 |  | 12/82 | 109.7 | 110.0 | 110.1 | 2.6 | . 1 |
| Primary products |  | 3635-P | 12/82 | 108.8 | 109.1 | 109.2 | 2.5 | . 1 |
| Household vacuum cleaners, including parts and attachments ............ |  | 3635-1 | $\begin{aligned} & 12 / 82 \\ & 12 / 82 \end{aligned}$ | 108.8 | 109.1 | 109.2 | 2.5 | . 1 |
| Hand held vacuum cleaners ....................................................... |  | 3635-111 |  | 118.0 | 118.0 | 118.0 | 17.1 | 0 |
| Upright vacuum cleaners ........................................................................................................ |  | 3635-133 | $\begin{aligned} & 12 / 82 \\ & 12 / 82 \end{aligned}$ | 111.0107.6 | 110.2 | 110.6 | 2.1 | . 4 |
| Canister, tank, and all other general purpose vacuum cleaners ............ |  | 3635-137 | $12 / 82$$12 / 82$ |  | 107.6 | 107.6 | 2.0 | 0 |
| Complete power units, central system type ...................................... |  | 3635-141 |  | 108.1 | ${ }^{(3)}$ | 113.0 | 3.1 | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts .................................. |  | 3635-SM |  |  |  |  |  |  |
| Secondary products ................................................................................ |  | 3635-S | 12/82 | 119.4 | 120.4 | 120.0 | 4.8 | -. 3 |
| Other secondary products .................................................................. |  | 3635-SSS | 12/82 | 119.2 | 119.4 | 119.4 | 5.5 | 0 |
| Household appliances, n.e.c. ............................................................. |  | 3639-s | 12/82 | 119.5 | 121.3 | 120.5 | 4.3 | -. 7 |
| Sewing machines | 3636 |  | 12/83 | 114.7 | 115.5 | 115.5 | 5.6 | 0 |
| Primary products |  | 3636-P | 12/83 | 114.2 | 115.0 | 115.0 | 5.6 | 0 |
| Industrial sewing machines, including parts and attachments ................. |  | 3636-2 | 12/83 | 113.6 | 114.4 | 114.4 | 5.6 | 0 |
| Parts \& attachments for industrial sewing machinery |  | 3636-285 | 12/83 | 121.6 | 122.6 | 122.6 | 5.0 | 0 |
| All other parts and attachments |  | 3636-28503 | 12/83 | 116.9 | 119.9 | 119.9 | 3.1 | 0 |
| Household appliances, not elsewhere classified ............................................ | 3639 |  | 12/82 | 110.6 | 110.1 | 112.3 | 2.9 | 2.0 |
| Primary products .................................................................................. |  | 3639-P | 12/82 | 109.2 | 108.7 | 111.1 | 3.0 | 2.2 |
| Electric water heaters ...................................................................... |  | 3639-1 | 12/82 | 116.7 | 116.4 | 118.3 | 5.2 | 1.6 |
| Electric water heaters, storage type ................................................ |  | 3639-101 | 12/82 | 116.7 | 116.4 | 118.3 | 5.2 | 1.6 |
| Electric water heaters, storage type, 34 gallons and under .............. |  | 3639-10111 | 12/82 | 131.6 | 135.0 | 138.3 | 8.0 | 2.4 |
| Electric water heaters, storage type, 35 to 44 gallons ...................... |  | 3639-10112 | 12/82 | 118.8 | 115.8 | 118.4 | 5.2 | 2.2 |
| Electric water heaters, storage type, 45 to 54 gallons ....................... |  | 3639-10114 | 12/82 | 105.4 | 103.8 | 104.1 | 2.7 | . 3 |
| Electric water heaters, storage type, 55 gallons and over ................. |  | 3639-10115 | 12/82 | 110.0 | 111.8 | 113.4 | 5.2 | 1.4 |
| Non-electric water heaters ................................................................. |  | $3639-2$ | 12/82 | 118.3 | 116.5 | 119.3 | 1.6 | 2.4 |
| Gas water heaters, direct fired storage type ....................................... |  | 3639-212 | 12/82 | 117.0 | 115.2 | 118.0 | 1.5 | 2.4 |
| Gas water heaters, direct fired storage type, 34 gallons and under .. |  | 3639-21202 | 12/82 | ${ }^{(3)}$ | 104.0 | ${ }^{(3)}$ | (3) | ${ }^{(3)}$ |
| Gas water heaters, direct fired storage type, 35 to 44 gallons .......... |  | 3639-21204 | 12/82 | 110.3 | 107.4 | 109.0 | -1.4 | 1.5 |
| Gas water heaters, direct fired storage type, 45 to 54 gallons .......... |  | 3639-21206 | 12/82 | 126.8 | 125.7 | 129.3 | 1.7 | 2.9 |
| Gas water heaters, direct fired storage type, 55 gallons and over ..... |  | 3639-21208 | 12/82 | 123.0 | 126.2 | 126.2 | 5.6 | 0 |
| Other major household appliances, n.e.c. .................................................... |  | 3639-5 | 12/82 | 101.1 | 101.1 | 104.1 | 3.4 | 3.0 |
| Secondary products and miscellaneous receipts ......................................... |  | 3639-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................................. |  | 3639-M |  |  |  |  |  |  |
| Resales .......................................................................................... |  | 3639-289 | 12/82 | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $(3)^{3}$ |  |
| Secondary products .............................................................................. |  | 3639-S | 12/82 | 123.6 | 123.6 | 123.6 | 2.1 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
|  |  |  |  |  |  |  |  |  |
| Other, incl. miners' lights, emergency warning lights, and generator flashlights $\qquad$ |  | 3648-919 | 06/85 | 112.0 | 112.0 | 112.0 | 3.3 | 0 |
| Other electric and nonelectric lighting equipment, except hand portable $\qquad$ |  | 3648-92 | 06/85 | 106.8 | 106.8 | 107.6 | 1.9 | . 7 |
| Other incandescent, incl. marine markers or beacons, railway route lighting equipment |  | $\begin{aligned} & 3648-922 \\ & 3648-925 \end{aligned}$ | 06/85 | 100.5 | 100.5 | ${ }^{3}$ ) | (3) | (3) |
| Parts and accessories for other electric lighting fixtures, n.e.c. ......... |  |  | 06/85 | 116.9 | 116.6 | 116.6 | 2.8 | 0 |
| Nonelectric lighting equipment, including parts $\qquad$ Other nonelectric lighting fixtures and equip., complete units, |  | 3648-93 | 06/85 | 75.8 | 76.0 | 76.0 | 1.2 | 0 |
| incl. carbide lamps |  | 3648-932 | 06/85 | 110.7 | 113.6 | 113.6 | 8.7 | 0 |
| Parts and accessor. for nonelectric, incl. reflectors /fittings, incandescent mantes,etc. |  | $\begin{aligned} & \text { 3648-933 } \\ & 3648-S M \end{aligned}$ | 06/85 | 128.7 | 128.7 | 128.7 | . 3 | 0 |
| Secondary products and miscellaneous receipts |  |  |  |  |  |  |  |  |
| Secondary products |  | $\begin{aligned} & 3648-S \\ & 3646-S \end{aligned}$ | 06/85 | 107.3102.9 | 107.6102.9 | 108.1102.9114.7 | $\begin{aligned} & 5.6 \\ & 7.3 \\ & 3.8 \end{aligned}$ | .501.0 |
| Commercial lighting fixtures ................................................................... |  |  |  |  |  |  |  |  |
| Other secondary products ............................................................. |  | 3648-SSS | 06/85 | 112.9 | 113.6 |  |  |  |

Table 5. Producer price indexes for the net output of selected industries and their products - Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | $\begin{aligned} & \text { Index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Radio and television receiving equipment, except communication types $\qquad$ | 365 |  | 12/84 | 97.5 | 97.7 | 98.0 | 0.8 | 0.3 |
| Radio and t.v.'s, phonographs, and related equipment ..................................... | 3651 |  | 03/80 | 90.4 | 90.7 | 90.9 | 1.0 | . 2 |
| Primary products ................................................................................ |  | 3651-P | 03/80 | 88.4 | 88.5 | 88.7 | 2.0 | 2 |
| Television receivers, including combination models ............................... |  | 3651-2 | 03/80 | 77.6 | 77.9 | 78.1 | 1.8 | . 3 |
| Console and combination TV receivers ................................................ |  | 3651-2C | 03/80 | 83.9 | 83.9 | 83.9 | 4.2 | 0 |
| Console and consolette TV receiver, color .................................... |  | 3651-204 | 03/80 | 83.9 | 83.9 | 83.9 | 4.2 | 0 |
| Console TV receiver, color, remote control ................................. |  | 3651-20401 | 12/86 | 95.6 | 95.1 | 95.1 | 6.5 | 0 |
| Console TV receiver, color, nonremote ...................................... |  | 3651-20402 | 12/86 | 92.3 | 93.1 | 93.1 | . 9 | 0 |
| Table and portable ........................................................................ |  | 3651-21 | 03/80 | 71.9 | 72.4 | 72.7 | . 3 | 4 |
| Color TV over 17 inch ............................................................................ |  | 3651-216 | 03/80 | 71.7 | 72.2 | 72.5 | 3 | 4 |
| Color TV over 17 inch, remote control ....................................................... |  | 3651-21601 | 12/86 | 91.1 | 91.7 | 92.1 | -. 4 | . 4 |
| High fidelity equipment and components ................................................ |  | 3651-4 | 03/80 | 111.0 | 109.4 | 109.6 | 5.7 | 2 |
| Consumer high fidelity components ................................................. |  | 3651-4B | 03/80 | 101.2 | 99.7 | 99.9 | 5.7 | . 2 |
| Amplifiers, receivers, preamplifiers, and tuners ............................. |  | 3651-421 | 12/86 | 104.9 | 101.6 | 101.6 | -1.3 | 0 |
| Other home audio \& video eqpt. (turntables, arms, TV chassis sold sep.) $\qquad$ |  | 3651-425 | 03/80 | 109.1 | 106.8 | 107.8 | 2.8 | . 9 |
| Other equipment and accessories, including speakers .......................... |  | 3651-5 | 03/80 | 121.7 | 122.3 | 122.9 | 2.8 | . 5 |
| Loudspeaker systems .................................................................... |  | 3651-5A | 03/80 | 114.3 | 116.0 | 116.7 | 2.8 | 6 |
| Bookshelf type ......................................................................... |  | $3651-556$ | 03/80 | 98.0 | 98.5 | 99.8 | . 9 | 1.3 |
| Floor standing ............................................................................. |  | $3651-557$ | 03/80 | 127.2 | 129.6 | 130.2 | 4.1 | . 5 |
| Loudspeakers sold separately ......................................................... |  | 3651-554 | 03/80 | 120.9 | 120.8 | 120.8 | 2.9 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 3651-SM |  |  |  |  |  |  |
| Secondary products ............................................................................... |  | 3651-S | 03/80 | 145.6 | 146.5 | 146.5 | -3.2 | 0 |
| Phonograph records and prerecorded tapes ................................................. | 3652 |  | 12/84 | 100.3 | 100.4 | 101.0 | . 3 | 6 |
| Primary products ................................................................................. |  | 3652-P | 12/84 | 100.0 | 100.1 | 100.9 | 4 | . 8 |
| Disc records .................................................................................... |  | 3652 -1 | 12/84 | 103.8 | 104.0 | 105.2 | 4 | 1.2 |
| 45 r.p.m. for own label ............................................................... |  | 3652-122 | 12/84 | 114.3 | ${ }^{(3)}$ | 114.3 | 1.2 | ${ }^{(3)}$ |
| $331 / 3 \mathrm{r}$. p.m. for own label, stereo and quadraphonic |  | 3652-131 | 12/84 | 99.9 | 99.9 | 99.9 | -2.3 | 0 |
| $331 / 3$ r.p.m. On contract basis for others, stereo and quadraphonic. Other records, including $331 / 3$ r.p.m. monaural, 78 r.p.m., electric |  | 3652-135 | 12/84 | 96.9 | 98.0 | 98.0 | -. 4 | . 0 |
| transcriptions, ex. video |  | 3652-162 | 12/84 | 107.9 | 107.9 | 107.9 | . 7 | 0 |
| Audio tapes .................................................................................... |  | 3652-2 | 12/84 | 99.3 | 99.3 | 99.3 | . 4 | 0 |
| Cassette for own label ... |  | 3652-284 | 12/84 | 98.5 | 98.5 | 98.5 | 1.0 | 0 |
| Cassette on contract for others ................................................. |  | 3652-288 | 12/84 | 95.3 | 95.3 | 95.3 | -. 2 | 0 |
| Secondary products and miscellaneous receipts .................................... |  | 3652-SM |  |  |  |  |  |  |
| Miscellaneous receipts ................................................................................... |  | $3652-\mathrm{M}$ |  |  |  |  |  |  |
| Communication equipment ........................................................................ | 366 |  | 12/85 | 104.9 | 105.6 | 106.1 | 2.2 | . 5 |
| Telephone \& telegraph apparatus ............................................................. | 3661 |  | 12/85 | 109.5 | 109.9 | 111.0 | 2.9 | 1.0 |
| Primary products ................................................................................ |  | 3661-P | 12/85 | 109.7 | 110.1 | 111.4 | 3.2 | 1.2 |
| Line transmission (carrier) equipment .......................................................... |  | $3661-\mathrm{A}$ |  |  |  |  |  |  |
| Digital (except optical) ................................................................ |  | 3661-A12 | 12/85 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |  |
| Digital multiplex .................................................................................. |  | 3661-A72 | 12/85 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Switching equipment ......................................................................... |  | 3661-B | 12/85 | 102.6 | 101.6 | 101.7 | -. 8 | 1 |
| Central office switches (common carrier) ........................................... |  | 3661-81 | 12/85 | 109.7 | 109.5 | 109.5 | -. 2 | 0 |
| Digital |  | 3661-B15 | 12/85 | 106.5 | 106.2 | 106.2 | -. 3 | ${ }^{0}$ |
| Private branch exchange (PBX) ........................................................ |  | 3661 -B2 | 12/85 | 96.4 | ${ }^{(3)}$ | 96.4 | -. 2 | ${ }^{(3)}$ |
| Analog PBX ................................................................................ |  | 3661-B21 | 12/85 | 97.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Digital PBX ................................................................................ |  | 3661-B25 | 12/85 | 95.1 | ${ }^{3}$ ) | 95.1 | -1.8 | ${ }^{(3)}$ |
| 400 or fewer lines .................................................................... |  | 3661-82501 | 12/85 | 95.8 | ${ }^{(3)}$ | 95.8 | 1.7 | ${ }^{(3)}$ |
| Over 400 lines ........................................................................ |  | 3661-B2502 | 12/85 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
|  |  | 3661-B5 | 12/85 | 92.0 | 88.4 | 88.6 | -3.3 | . 2 |
| Other telephone switching equipment |  | 3661-851 | 12/85 | 92.0 | 88.4 | 88.6 | -3.3 | . 2 |
| User terminals and interface equipment ..................................................... |  | $3661-\mathrm{C}$ | 12/85 | 101.6 | 101.6 | 101.1 | -1.1 | -. 5 |
| Telephone sets ................................................................................ |  | 3661-C1 | 12/85 | 90.9 | 90.9 | 89.8 | -2.6 | -1.2 |
| Basic set ................................................................................... |  | 3661-C13 | 12/85 | 87.9 | 87.9 | 86.3 | -4.0 | -1.8 |
| Other telephone sels/stations ...................................................... |  | 3661-C15 | 12/85 | 97.8 | 97.8 | 97.8 | . 1 | 0 |
| Key set .................................................................................. |  | 3661-C1501 | 12/85 | 103.2 | 103.2 | 103.2 | 0 | 0 |
| Other sets/stations ................................................................... |  | 3661-C1509 | 12/85 | 76.6 | 76.6 | 76.6 | 3 | 0 |
| Modems, sold separately ................................................................. |  | 3661-C3 | 12/85 | 115.8 | 115.8 | 115.8 | 0 | 0 |
| Other telephone \& telegraph apparatus ............................................... |  | 3661-D | 12/85 | 105.1 | 105.9 | 106.4 | 3.7 | . 5 |
| Other telephone \& telegraph apparatus .............................................. |  | 3661-D1234 | 12/85 | 105.1 | 105.9 | 106.4 | 3.7 | . 5 |
| Secondary products and misceilaneous receipts .............................................. |  | 3661-SM |  |  |  |  |  |  |
| Miscellaneous receipts ............................................................................. |  | 3661 M | 12/85 | 113.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $\left.{ }^{3}\right)$ |
| Secondary products ........................................................................... |  | 3661-S | 12/85 | 101.2 | 101.4 | 101.4 | 1.7 | 0 |
| Radio \& television communication equipment ..................................................... | 3662 |  | 12/85 | 102.6 | 103.4 | 103.6 | 1.9 | . 2 |
| Primary products ............................................................................... |  | 3662-P | 12/85 | 102.9 | 103.8 | 104.1 | 2.2 | . 3 |
| Broadcast, studio, and related electronic equipment ................................ |  | 3662-A | 12/85 | 105.1 | 105.2 | 104.9 | 3 | -. 3 |
| Studio equipment, audio and video including amplifiers, consoles, cameras, power supplies |  | 3662-A11 | 12/85 | 98.6 | 98.6 | 98.6 | 8 | 0 |
| Broadcast transmitters and related transmission equipment .................. |  | 3662-A21 | 12/85 | 110.9 | 110.9 | 110.9 | 0 | 0 |
| Cable TV and CCTV equipment, and theater or commercial sound equipment $\qquad$ |  | 3662-A31 | 12/85 | 109.1 | 109.3 | 108.7 | 0 | -. 5 |
| Communication equipment, except broadcast and wired telephone or telegraph |  | 3662-B | 12/85 | 104.3 | 104.9 | 105.7 | 2.4 | . 8 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Radio \& television communication equipment-Continued <br> Point-to-point transmitters, receivers and power amplifiers, ex. satelite, amateur $\qquad$ <br> Space satellite communications and telemetering systems and equipment, sold sep $\qquad$ <br> Mobile radio, airborne, marine, and ground, (except amateur, CB and portable.) $\qquad$ <br> Portable, amateur and citizens' band (CB) radio equipment |  |  |  |  |  |  |  |  |
|  |  | 3662-833 | 12/85 | 111.6 | 112.8 | 115.6 | 5.8 | 2.5 |
|  |  | 3662-843 | 12/85 | 100.3 | 100.3 | 100.3 | . 5 | 0 |
|  |  | 3662-B45 | 12/85 | 109.2 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
|  |  | 3662-B48 | 12/85 | 102.0 | 102.7 | 102.7 | 2.8 | 0 |
| Other communications systems, equipment and devices sold separately |  | 3662-B52 | 12/85 | 100.5 | 101.3 | 103.3 | 3.9 | 2.0 |
| Intercommunications, alarm, and traffic control systems and equipment . |  | 3662-C | 12/85 | 103.8 | 107.1 | 106.6 | 4.5 | -. 5 |
| Alarm systems, including intrusion, smoke, and heat detecting types ... Vehicular and pedestrian traffic control equipment, including |  | 3662-C14 | 12/85 | 101.8 | 105.2 | 105.2 | 3.0 | 0 |
| railway, excl. airborne ............................................................. |  | 3662-C26 | 12/85 | 102.6 | 106.7 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | (3) |
| Search, detection, and tracking systems and equipment ........................ |  | 3662-D | 12/85 | 103.8 | 105.6 | 105.6 | 3.1 | 0 |
| Radar systems and equipment ................................................................. |  | 3662-D21 | 12/85 | 101.6 | 104.2 | 104.2 | 4.9 | 0 |
| Sonar search, detection, tracking and communications systems and equipment $\qquad$ |  | 3662-D22 | 12/85 | 108.2 | 108.2 | 108.2 | 0 | 0 |
| Meteorological, geophysical, CCDP sold separately, and other electronic sys. \& eqpt |  | 3662-D31 | 12/85 | 103.0 | 105.2 | 105.2 | 3.1 | 0 |
| Electronic warfare and missile systems and equipment .................. |  | 3662-E | 12/85 | 98.4 | 98.4 | 98.4 | 4 | 0 |
| Jamming and other active countermeasures equipment ...................... |  | 3662-E11 | 12/85 | 102.2 | 102.2 | 102.2 | 3.3 | 0 |
| Missile and space vehicle systems and equipment ............................. |  | 3662-E13 | 12/85 | 96.7 | 96.7 | 96.7 | -. 8 | 0 |
| Specialized electronic intelligence acquisition and analysis equipment |  | 3662-E15 | 12/85 | 98.1 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ |
| Navigation systems and equip., incl. ground, airborne, ship and undenwater |  | 3662-F | 12/85 | 99.2 | 100.0 | 101.5 | 2.6 | 1.5 |
| Airborne navigation systems and equipment ...................................... |  | 3662-F22 | 12/85 | 98.5 | 98.5 | 101.1 | 1.9 | 2.6 |
| Surface and underwater marine, and ground .................................... |  | 3662-F34 | 12/85 | 103.7 | 107.3 | 107.3 | 5.1 | 0 |
| Other electronic equipment and devices related to radio technology, <br> n.e.c. $\qquad$ |  | 3662-H | 12/85 | 106.8 | 106.5 | 106.6 | . 8 | . 1 |
| Laser systems and equipment, except light communication types ........- |  | 3662-H63 | 12/85 | 102.1 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Other electronic equipment n.e.c., including scientific, and consumer $\qquad$ |  | 3662-H99 | 12/85 | 108.7 | 108.4 | 108.4 | 1.7 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3662-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................... |  | 3662-M | 12/85 | 100.2 | 99.9 | 99.9 | -2.3 | 0 |
| Secondary products ........................................................................ |  | 3662-S | 12/85 | 101.3 | 101.3 | 101.3 | 2.9 | 0 |
| Electronic components and accessories ..................................................... | 367 |  | 12/84 | 105.0 | 105.2 | 105.1 | 1.0 | -. 1 |
| Electron tubes, all types | 3671 |  | 12/85 | 106.9 | 107.1 | 107.1 | 1.4 | 0 |
| Primary products ... |  | 3671-P | 12/85 | 109.8 | 110.1 | 110.1 | 3.0 | 0 |
| Transmitting, power and special purpose tubes ................................... |  | 3671-3 | 12/85 | 117.7 | 118.2 | 118.2 | 3.2 | 0 |
| Power and special purpose tubes ................. |  | 3671-301 | 12/85 | 124.9 | 125.7 | 125.7 | 5.5 | 0 |
| Thyratrons and other gas and vapor tubes .................................... |  | 3671-30121 | 12/85 | 165.2 | 165.2 | 165.2 | 18.2 | 0 |
| Light emitting devices ............................. |  | 3671-303 | 12/85 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ |
| Industrial and military cathode ray tubes |  | 3671-30385 | 12/85 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Semiconductors and related devices .............................................................. | 3674 |  | 06/81 | 107.6 | 107.4 | 107.6 | -. 8 | . 2 |
| Primary products ................................................................................ |  | 3674-P | 06/81 | 92.5 | 92.3 | 92.4 | -. 4 | . 1 |
| Integrated circuits ............................................................................ |  | 3674-1 | 06/81 | 87.3 | 87.1 | 87.0 | -1.0 | -. 1 |
| Digital monolithic integrated circuits .................................................... |  | 3674-1A | 06/81 | 80.4 | 80.4 | 80.1 | -. 5 | -. 4 |
| Bipolar ....................................................................................... |  | 3674-12 | 06/81 | 92.0 | 91.1 | 90.5 | -3.8 | -. 7 |
| Memory ................................................................................. |  | 3674-121 | 06/81 | 64.3 | 64.3 | 64.3 | 14.2 | 0 |
| Random access (RAM) .......................................................... |  | 3674-12103 | 06/81 | 116.1 | 116.1 | 116.1 | 25.1 | 0 |
| Logic |  | 3674-122 | 06/81 | 104.6 | 103.3 | 102.5 | -8.5 | -. 8 |
| TTL (transistor transistor logic) ............................................... |  | 3674-12216 | 06/81 | 85.3 | 80.8 | 82.5 | -5.7 | 2.1 |
| Other logic types .................................................................. |  | 3674-12226 | 06/81 | 143.1 | 152.1 | 143.3 | -13.3 | -5.8 |
| MOS (metal oxide on silicon) ........................................................ |  | 3674-13 | 06/81 | 68.7 | 69.0 | 68.9 | 1.6 | -. 1 |
| Microprocessor .......................................................................... |  | 3674-13128 | 06/81 | 77.3 | 77.3 | 77.3 | 13.8 | 0 |
| MOS, except microprocessors ................................................... |  | 3674-132 | 06/81 | 67.0 | 67.3 | 67.2 | -. 7 | -. 1 |
| MOS memory ...................................................................... |  | 3674-13231 | 06/81 | 64.3 | 65.0 | 64.8 | 4.2 | -. 3 |
| Other MOS digital devices ..................................................... |  | 3674-13232 | 06/81 | 76.3 | 76.3 | 76.3 | -4.5 | 0 |
| Analog integrated circuit devices ........................................................ |  | 3674-1B |  |  |  |  |  |  |
| Analog integrated circuit devices ......................................................... |  | 3674-14 | 06/81 | 92.2 | 91.1 | 91.5 | -. 4 | . 4 |
|  |  | 3674-14A |  |  |  |  |  |  |
| Amplifier ...............................................................................-...- |  | $3674-14116$ | 06/81 | 96.1 | 96.1 | 96.1 | 0 | 0 |
| Interface ..................................................................................................... |  | 3674-14B |  |  |  |  |  |  |
| Regulator, reference, conversion and other miscellaneous types ... |  | 3674-14C |  |  |  |  |  |  |
| Voltage regulator or reference ................................................. |  | 3674-14117 | 06/81 | 107.3 | 107.3 | 107.3 | 0 | 0 |
| Data conversion .................................................................. |  | 3674-14218 | 06/81 | 91.2 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) | (3) |
| Special consumer and other analog integrated circuits .............. |  | 3674-14321 | 06/81 | 92.4 | 92.4 | 92.4 | . 1 | 0 |
| Hybrid integrated circuits ............................................................... |  | 3674-11 | 06/81 | 120.4 | 120.4 | 120.4 | -4.2 | 0 |
| Film interconnected devices .......................................................... |  | 3674-111 | 06/81 | 122.5 | 122.5 | 122.5 | -4.3 | 0 |
| Thick film, silk screen process .................................................. |  | 3674-11109 | 06/81 | 95.9 | 95.9 | 95.9 | -. 7 | 0 |
| Transistors ......................................................................................\| |  | 3674-2 | 06/81 | 80.5 | 79.7 | 80.3 | 1.9 | . 8 |
| Signal .......................................................................................... |  | 3674-21 | 06/81 | 60.6 | 58.7 | 60.1 | 6.2 | 2.4 |
| Signal ....................................................................................... |  | 3674-21163 | 06/81 | 60.6 | 58.7 | 60.1 | 6.2 | 2.4 |
| Power ..........................................................................................- |  | 3674-22 | 06/81 | 99.3 | 99.3 | 99.3 | 0 | 0 |
| Regular power transistors .............................................................. |  | 3674-222A | 06/81 | 94.0 | 94.0 | 94.0 | 0 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{aligned} & \text { June } \\ & 1989^{2} \end{aligned}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Connectors for electronic applications-Continued | 3679 | $\begin{aligned} & 3678-6 \\ & 3678-\mathrm{SM} \\ & 3678-\mathrm{S} \\ & 3679-\mathrm{S} \end{aligned}$ | 12/86 | 104.2 | 105.9 | 105.9 | 1.6 | 0 |
| Connector parts ..................................... |  |  |  |  |  |  |  |  |
| Secondary products and miscellaneous receipts .................................. |  |  |  |  |  |  |  |  |
| Secondary products .................................................................. |  |  | 12/80 | 126.0 | 126.7 | ${ }^{126.7}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Electronic components, n.e.c. |  |  | 12/80 | 125.0 | 127.0 |  |  |  |
| Electronic components, n.e.c. |  |  | 06/82 | 114.2 | 114.0 | 113.5 | . 9 | -. 4 |
| Primary products ......... |  | 3679-P | 06/82 | 118.9 | 118.7 | 118.0 | 1.0 | -. 6 |
| Relays for electronic (low current) applications .................................... |  | 3679-A | 06/82 | 140.2 | $\left.{ }^{3}\right)$ | 141.0 | . 4 | $\left({ }^{3}\right)$ |
| Switches, mechanical (for electronic applications) ................................. |  | 3679-B | 06/82 | 117.5 | 117.5 | 117.5 | 2.8 | 0 |
| Other switches: DIP, snap action, thumbwheel and other .................. |  | 3679-813 | 06/82 | 122.5 | 122.4 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Other switches ............................................................................ |  | 3679-812 | 06/82 | 122.5 | 122.4 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Filters, crystals, power converters and related components .................. |  | 3679-C | 06/82 | 138.1 | 138.0 | 138.0 | 8.7 | 0 |
| Filters and crystals ....................................................................... |  | 3679-C01 | 06/82 | 131.6 | 132.9 | 132.9 | 22.9 | 0 |
| Piezoelectric devices ................................................................. |  | 3679-C018 | 12/86 | 109.4 | 111.0 | 111.0 | 4.0 | 0 |
| Oscillator crystals ........................................................................... |  | 3679-C0181 | 12/86 | 110.7 | 110.7 | 110.7 | 3.5 | ${ }^{0}$ |
| Crystal blanks .......... |  | 3679-C0184 | 12/86 | 99.5 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | (3) | $\left({ }^{3}\right)$ |
| Static power converters and other pulse and frequency regulators or generators $\qquad$ |  | 3679-C02 | 06/82 | 143.2 | 142.1 | 142.1 | . 1 | 0 |
| Static power supply converters, regulated ...................................... |  | 3679-C0243 | 06/82 | 140.0 | 140.0 | 140.0 | 4.2 | 0 |
| Magnetic recording media (unrecorded) .............................................. |  | 3679-F | 06/82 | 83.6 | 83.1 | 82.6 | -1.0 | -. 6 |
| Video tape, instrumentation tape, floppy disc and other ............... |  | 3679-F05 | 06/82 | 65.1 | 65.1 | 65.1 | -1.2 | 0 |
| Video tape ................................................................................. |  | 3679-F03 | 06/82 | 63.1 | 63.1 | 63.1 | -1.6 | 0 |
| Transducers .............................................................................. |  | 3679-G | 06/82 | 111.3 | 109.3 | 109.3 | -3.2 | 0 |
| Other transducers with electrical or electronic input or output .............. |  | 3679-G03 | 06/82 | 112.8 | 110.6 | 110.6 | -3.8 | 0 |
| Other transducers (including thermal and optical except those covered under crystals) |  | $\begin{aligned} & \text { 3679- } \\ & \text { G0321 } \end{aligned}$ | 12/86 | 120.8 | 111.0 | 111.0 | -19.3 | 0 |
| Printed circuits and cable assemblies ................................................. |  | 3679-H | 06/82 | 115.4 | 114.9 | 114.4 | . 4 | -. 4 |
| Cable harness assemblies for electronic applications .......................... |  | 3679-H01 | 06/82 | 110.0 | 113.6 | 113.6 | 4.6 | . 0 |
| Printed circuit boards and related circuitry on passive substrates ........ |  | 3679-H02 | 06/82 | 116.1 | 115.1 | 114.5 | 0 | -. 5 |
| Single sided PC board ................................................................ |  | 3679-H0201 | 06/82 | 110.3 | $\left({ }^{3}\right)$ | ${ }^{3}$ ) | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Double sided PC board ................................................................ |  | 3679-H0202 | 06/82 | 117.8 | 116.4 | 117.1 | 2.4 | . 6 |
| Multilayer PC board |  | 3679-H0203 | 06/82 | 119.5 | 118.3 | 114.5 | -5.6 | -3.2 |
| Complex component assemblies, packs and modules ............................ |  | 3679-J | 06/82 | 122.7 | 122.7 | 120.6 | -2.3 | -1.7 |
| Active complex components .................................. |  | 3679-J01 | 06/82 | 127.3 | 127.3 | 127.3 | 0 | 0 |
| Parts and hardware for electronic components ..................................... |  | 3679-Q | 06/82 | 128.5 | 129.0 | 129.0 | 4.5 | 0 |
| Other n.e.c. ................................................................................. |  | 3679-Q04 | 06/82 | 130.7 | 131.2 | 131.2 | 4.9 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 3679-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 3679-S | 06/82 | 108.0 | 107.8 | 107.8 | . 7 | 0 |
| Other secondary products ............................................................... |  | 3679-SSS | 06/82 | 109.5 | 110.5 | 110.5 | 1.0 | 0 |
| Miscellaneous electrical machinery, equipment, and supplies .......................... | 369 |  | 12/84 | 106.8 | 107.6 | 107.9 | 2.1 | . 3 |
| Storage batteries ..................................................................................................... | 3691 |  | 12/84 | 110.3 | 109.6 | 110.6 | . 6 | . 9 |
| Primary products ................................................................................. |  | 3691-P | 12/84 | 110.6 | 109.9 | 111.0 | . 5 | 1.0 |
| Lead acid batteries, 1.5 cubic foot or less .......................................... |  | 3691-3 | 12/84 | 108.3 | 107.4 | 108.6 | . 1 | 1.1 |
| Starting, lighting and ignition (SLI) type ............................................. |  | 3691-31 | 12/84 | 107.9 | 107.0 | 108.3 | -. 2 | 1.2 |
| For OEM .................................................................................... |  | 3691-311 | 12/84 | 103.5 | 102.3 | 102.3 | -4.7 | 0 |
| For replacement ......................................................................... |  | 3691-312 | 12/84 | 109.0 | 108.2 | 109.8 | . 9 | 1.5 |
| Other than SLI .......................................................................... |  | 3691-32 |  |  |  |  |  |  |
| For replacement .................................................................................. |  | 3691-322 | 12/84 | 114.5 | 113.8 | 114.0 | 5.2 | 2 |
| Lead acid batteries, larger than 1.5 cubic foot ..................................... |  | 3691-4 | 12/84 | 119.9 | 119.9 | 119.9 | 2.1 | 0 |
| Motive power type ........................................................................ |  | 3691-41 | 12/84 | 120.4 | 120.4 | 120.4 | 2.1 | 0 |
| Industrial truck ........................................................................... |  | 3691-411 | 12/84 | 121.0 | ${ }^{(3)}$ | 121.0 | 2.1 | ${ }^{(3)}$ |
| Other motive power .................................................................... |  | 3691-419 | 12/84 | 116.6 | 116.6 | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Primary batteries, dry and wet ........................................................................... | 3692 |  | 12/80 | 128.5 | 133.0 | 136.7 | 8.5 | 2.8 |
| Primary products .................................................................................. |  | 3692-P | 12/80 | 130.1 | 135.3 | 1392.3152.5 | 8.9 | 3.0 |
| Le Clanche type civilian batteries $\qquad$ General purpose (flashlight) cell $\qquad$ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3692-131 | $12 / 80$ $12 / 80$ | 138.9 | 143.2 | 151.6 | 9.1 | 5.9 |
| Lantern battery |  | 3692-13111 | 12/80 | 136.6 | 141.7 | 146.4 | 7.2 | 3.3 |
| Dry cells, except Le Clanche and military <br> Alkaline cells |  | 3692-2 | 12/80 | 117.4 | 122.3 | 126.1 | 7.0 | 3.1 |
|  |  | 3692-212 | 12/80 | 129.9 | 135.2 | 139.3 | 6.9 | 3.0 |
| AA size .................................................................................... |  | 3692-21213 | 12/80 | 129.2 | 133.0 | 137.5 | 4.2 | 3.4 |
| All other sizes ........................................................................... |  | $\begin{aligned} & 3692-21215 \\ & 3692-S M \end{aligned}$ | 12/80 | 141.4 | 150.0 | 151.9 | (3) | 1.3 |
| Secondary products and miscellaneous receipts ........................................... |  | 3692-S |  |  |  |  |  | 0 |
| Secondary products .................................................................................. |  |  | 12/80 | 160.0 | 160.0 | 160.0 | 16.0 |  |
| X-ray and electromedical equipment ........................................................................ | 3693 | 3693-P | 06/85 | 104.0 | 104.7 | 104.1 | . 6 | -. 6 |
| Primary products ................................................................................ |  |  | 06/85 | 102.9 | 103.6 | 102.9 | . 5 | -. 7 |
| Irradiation equipment, including X-ray, beta-ray, gamma-ray, and <br> nuclear $\qquad$ |  | $3693-1$$3693-111$ | 06/85 | 104.098.9 | 105.3 | 103.9 |  | $\stackrel{-1.3}{(3)}$ |
| Diagnostic medical X-ray equipment ................................................ |  |  | 06/85 |  | 100.6 | ${ }^{(3)}$ | ${ }^{(3)}$ |  |
| X-ray equipment accessories ......................................................... |  | 3693-151 | 06/85 | 115.2 | 115.2 | (3) | (3) | ${ }^{(3)}$ |
| Electromedical and electrotherapeutic equipment, except irradiation equipment |  | $\begin{aligned} & 3693-2 \\ & 3693-21 \\ & 3693-211 \end{aligned}$ | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \\ & 06 / 85 \end{aligned}$ | $\begin{array}{r} 102.1 \\ 93.7 \\ 101.2 \end{array}$ | $\begin{array}{r} 102.4 \\ 93.7 \\ 101.2 \\ \hline \end{array}$ | $\begin{array}{r} 102.2 \\ 93.7 \\ 101.2 \\ \hline \end{array}$ | $\begin{array}{r} .6 \\ 0 \\ .4 \\ \hline \end{array}$ | $\begin{array}{r} -2 \\ 0 \\ 0 \\ \hline \end{array}$ |
| Diagnostic electromedical equipment ............................................... |  |  |  |  |  |  |  |  |
| Electrocardiograph ..................................................................... |  |  |  |  |  |  |  |  |

See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{\text {²}}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Mar. $1989^{2}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| X-ray and electromedical equipment-Continued | 3694 |  |  |  |  |  |  |  |
| Ultrasonic scanning devices ................. |  | 3693-214 | 06/85 | 86.9 | 86.9 | 86.9 | 0 | 0 |
| All other diagnostic electromedical equipment ................................ |  | 3693-219 | 06/85 | 102.0 | ${ }^{(3)}$ | 102.0 | -. 3 | (3) |
| Electrotherapeutic equipment ......................................................... |  | 3693-22 | 06/85 | 100.5 | 100.5 | 100.5 | 1.4 | 0 |
| Pacemakers ............................................................................ |  | 3693-221 | 06/85 | 101.7 | 101.7 | 101.7 | . 7 | 0 |
| Patient monitoring equipment |  | 3693-23 | 06/85 | 104.0 | 104.1 | 104.1 | . 1 | 0 |
| All other patient monitoring equipment |  | 3693-234 | 06/85 | 104.0 | 104.2 | 104.2 | . 1 | 0 |
| Parts and accessories for electromedical and electrotherapeutic equipment |  | 3693-251 | 06/85 | 119.6 | ${ }^{(3)}$ | 119.9 | . 4 | (3) |
| Secondary products and miscellaneous receipts ............................................ |  | 3693-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................................... |  | 3693-M | 07/85 | 113.8 | 113.8 | 113.8 | . 7 | 0 |
| Resales .................................................................................................... |  | 3693-289 | 08/85 | 113.3 | 113.3 | 113.3 | .7 3.7 | 0 2 |
| Secondary products ..................................................................................... |  | 3693-S | 06/85 | 109.1 | 109.7 | 112.2 | 3.7 | 2.3 |
| Electrical equipment for internal combustion engines |  |  | 12/82 | 112.9 | 113.7 | 114.0 | 2.1 | . 3 |
| Primary products ................................................................................ |  | 3694-P | 12/82 | 109.4 | 110.2 | 110.3 | 1.8 | . 1 |
| Ignition harness and cable sets ...................................................... |  | 3694-1 | 12/82 | 110.1 | 110.5 | 110.7 | 2.0 | 2 |
| Ignition harness sets ................................................ |  | 3694 -11 | 12/82 | 108.6 | 108.6 | 108.9 | 1.5 | . 3 |
| Ignition harness sets, automotive type ........................................ |  | 3694-111 | 12/87 | 101.7 | 101.7 | 102.0 | 1.6 | . 3 |
| Cable sets ................................................................................... |  | 3694-13 |  |  |  |  |  |  |
| Cable sets, automotive type .................................................. |  | 3694-131 | 12/82 | 113.6 | 114.9 | 114.9 | 3.3 | 0 |
| Battery charging alternators, generators, and regulators ...................... |  | 3694-2 | 12/82 | 109.6 | 109.8 | 110.4 | 1.2 | . 5 |
| Battery charging alternators and generators ......................... |  | 3694-22 | 12/82 | 107.9 | 108.2 | 108.7 | . 6 | 5 |
| Alternators and generators, factory rebuilt automotive type .............. |  | 3694-228 | 12/82 | 113.1 | 114.4 | 114.5 | 1.6 | . 1 |
| Regulators for battery charging generators ....................................... |  | 3694-24 | 12/87 | 108.6 | 107.8 | 107.8 | 6.1 | 0 |
| Regulators, passenger car \& light truck type, new ..................... |  | 3694-241 | 12/82 | 125.9 | 124.9 | 124.9 | 6.1 | . 0 |
| Starting motors ....................................................................................... |  | 3694-3 | 12/82 | 110.2 | 111.1 | 111.1 | . 4 | 0 |
| Rebuilt automotive starting motors ................................................ |  | 3694-381 | 12/82 | 129.5 | 133.1 | 133.1 | . 3 | 0 |
| Spark plugs ....................................................................................... |  | 3694-4 | 12/82 | 108.7 | 111.9 | 111.9 | 3.2 | 0 |
| Spark plugs, automotive type |  | 3694-411 | 12/82 | 107.4 | 111.1 | 111.1 | 3.2 | 0 |
| Other complete electric equipment for internal combustion engines Ignition coils $\qquad$ |  | $3694-5$ $3694-51$ | 12/82 | 106.2 | 106.4 | 106.4 | 2.1 | 0 |
| Ignition coils, motor vehicle type .......................................................................................................... |  | 3694-511 | 01/83 | 117.0 | 119.1 | 119.1 | 4.5 | 0 |
| Distributors ................................................................................... |  | 3694-53 | 04/83 | 94.9 | 94.9 | 94.9 | 1.1 | 0 |
| Distributors, motor vehicle type .................................................... |  | 3694-531 | 04/83 | 94.4 | 94.4 | 94.4 | 1.1 | 0 |
| Engine electronic equipment, including control modules ..................... |  | 3694-551 | 12/87 | 102.7 | 102.7 | 102.7 | 1.7 | 0 |
| Other ignition equipment ................................................................ |  | 3694-561 | 12/82 | 102.1 | 102.1 | 102.1 | 3 | 0 |
| Other complete electrical equipment ............................................... |  | 3694-598 | 12/82 | 103.7 | 103.8 | 104.2 | 1.3 | 4 |
| Components and parts for engine electrical equipment .......................... |  | 3694-6 | 12/82 | 116.7 | 116.8 | 116.8 | 2.3 | 0 |
| Parts for distributors ..................................................................... |  | 3694-63 | 12/82 | 128.7 | 128.7 | 128.7 | 1.5 | 0 |
| Distributor heads and rotors ........................................................ |  | 3694-632 | 12/82 | 118.5 | 118.5 | 118.5 | 1.0 | 0 |
| Breaker point sets ...................................................................... |  | 3694-634 | 12/82 | 134.5 | 134.5 | 134.5 | 1.9 | 0 |
| Other component parts for engine electrical equipment ....................... |  | 3694-698 | 12/82 | 103.5 | 103.7 | 103.7 | 1.1 | 0 |
| Secondary products and miscellaneous receipts ........................................ |  | 3694-SM |  |  |  |  |  |  |
| Resales ................................................. |  | 3694-Z89 | 01/83 | 114.2 | 114.9 | 114.9 | 4.1 | 0 |
| Secondary products ............................................................................ |  | 3694-S | 12/82 | 123.5 | 123.7 | 125.5 | 1.9 | 1.5 |
| Other secondary products ............................................................... |  | 3694-SSS | 12/82 | 111.2 | 112.2 | 112.2 | 2.5 | 0 |
| Motor vehicle parts and accessories .................................................... |  | 3714-S | 12/82 | 130.7 | 130.6 | 132.1 | 2.6 | 1.1 |
| Electrical equipment and supplies, not elsewhere classified ............................ | 3699 |  | 12/85 | 107.7 | 108.5 | 108.6 | 4.3 | . 1 |
| Primary products ................................................................................ |  | 3699-P | 12/85 | 107.8 | 108.5 | 108.6 | 4.2 | . 1 |
| Other electrical equipment, not elsewhere classified ............................. |  | 3699-4 | 12/85 | 105.4 | 105.4 | 105.4 | 3.1 | 0 |
| Other electric lamp components .................................................... |  | 3699-421 | 12/85 | 102.8 | 102.8 | 102.8 | 1.0 | 0 |
| Other electrical equipment and supplies, not elsewhere classified ........ |  | 3699-495 | 12/85 | 109.7 | 109.7 | 109.7 | 2.0 | 0 |
| Appliance wire and flexible cord sets ................................................... |  | 3699-611 | 12/85 | 129.9 | 125.9 | 126.1 | 4.9 | 2 |
|  |  | 3699-SM |  |  |  |  |  |  |
| Secondary products |  | 3699-S | 12/85 | 120.0 | 120.0 | 120.0 | 6.3 | 0 |
| Transportation equipment ........................................................................... | 37 |  | 12/84 | 111.2 | 111.8 | 111.0 | 3.4 | -. 7 |
| Motor vehicles and motor vehicle equipment .................................................. | 371 |  | 12/84 | 109.9 | 110.3 | 108.6 | 1.4 | -1.5 |
| Motor vehicles and passenger car bodies .................................................... | 3711 |  | 06/82 | 116.4 | 116.8 | 114.5 | 1.1 | -2.0 |
| Primary products ................................................................................ |  | 3711-P | 06/82 | 116.3 | 116.5 | 114.2 | 1.0 | -2.0 |
| Passenger cars .......................................................................... |  | 3711-111 | 06/82 | 114.3 | 114.6 | 112.3 | . 2 | -2.0 |
| Trucks, truck tractors and truck chassis .............................................. |  | 3711-2 | 06/82 | 120.1 | 120.2 | 117.9 | 2.6 | -1.9 |
| Trucks, truck tractors and truck chassis: $10,000 \mathrm{lbs}$ and less ............. |  | 3711-201 | 06/82 | 127.1 | 126.7 | 123.3 | 1.5 | -2.7 |
| Trucks, truck tractors and truck chassis: 10,001 to 19,500 lbs. ............ |  | 3711-202 | 11/82 | 118.8 | 123.7 | 122.9 | 4.2 | -. 6 |
| 14,001 to 16,000 lbs. .................................................................. |  | 3711-20217 | 06/87 | 104.5 | 109.2 | 105.9 | 5.2 | -3.0 |
| Trucks, truck tractors and truck chassis: over 19,500 lbs. ................... |  | 3711-203 | 06/87 | 103.6 | 104.4 | 104.2 | 5.5 | -. 2 |
| 26,001 to 33,000 lbs. .................................................................. |  | 3711-20325 | 06/87 | 106.9 | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{(3)}$ | (3) |
| 33,001 lbs. or more .................................................................... |  | 3711-20326 | 06/87 | 102.9 | 103.6 | 104.2 | 4.2 | 6 |
| Buses and fire department vehicles .................................................... |  | 3711-3 | 06/82 | 114.2 | 116.8 | 116.8 | 2.4 | 0 |
| Buses .......................................................................................... |  | 3711-3A | 06/82 | 115.5 | 118.3 | 118.3 | 2.4 | 0 |
| Fire department vehicles .............................................................. |  | 3711-38 | 06/82 | 116.6 | 118.1 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ |
| Secondary products and miscellaneous receipts ..................................... |  | 3711-SM |  |  |  |  |  |  |
| Secondary products .......................................................................... |  | 3711-S | 06/82 | 115.6 | 121.2 | 121.2 | 6.2 | 0 |
| Other secondary products ............................................................... |  | 3711-SSS | 06/82 | 117.2 | 123.0 | 123.0 | 6.2 | 0 |
| Truck and bus bodies ............................................................................... | 3713 |  | 12/82 | 122.2 | 123.0 | 123.5 | 5.7 | . 4 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Truck and bus bodies-Continued |  |  |  |  |  |  |  |  |
| Primary products ... |  | 3713-P | 12/82 | 124.1 | 124.9 | 125.4 | 5.8 | 0.4 |
| Truck, bus and other vehicle bodies (sold separately) ............................ |  | 3713-1 | 12/82 | 124.7 | 125.4 | 126.0 | 6.1 | . 5 |
| Truck bodies ............................................................................ |  | 3713-1A | 12/82 | 125.3 | 126.2 | 126.3 | 5.1 | . 1 |
| Vans (unit/body cab) ........................................................................... |  | 3713-121 | 12/82 | 125.5 | 129.3 | 129.3 | 6.5 | 0 |
| Multistop ................ |  | 3713-12111 | 03/83 | 113.4 | 116.7 | 116.7 | 5.2 | 0 |
| All other vans, including panel ....................................................... |  | 3713-12114 | 12/87 | 105.5 | 108.9 | 108.9 | 7.7 | 0 |
| General cargo vans ............................................................... |  | 3713-122 | 12/87 | 106.6 | 108.0 | 109.2 | 7.4 | 1.1 |
| Refrigerator (except food service) ........................................... |  | 3713-12211 | 12/87 | 105.5 | 106.2 | 108.0 | 6.0 | 1.7 |
| All other general cargo vans ................................................. |  | 3713-12213 | 12/87 | 107.4 | 109.0 | 110.0 | 8.6 | . 9 |
| Beverage trucks ..................................................................... |  | 3713-125 | 12/82 | 118.8 | 118.8 | 118.8 | . 9 | 0 |
| Specialized bodies ................................................................... |  | 3713-13 | 12/87 | 108.2 | 108.2 | 108.2 | 4.6 | 0 |
| Wrecker .................................................................................................................... |  | 3713-131 | 12/82 | 115.4 | 115.4 | ${ }^{(3)}$ | ${ }^{3}$ ) | (3) |
| Utility (line and service, repair type) ........................................... |  | 3713-13602 | 01/83 | 122.0 | 122.0 | 122.0 | 2.8 | 0 |
| Refuse and garbage (packer type) ............................................. |  | 3713-139 | 12/82 | 126.7 | 126.7 | 126.7 | 6.1 | 0 |
| Front loading ...................................................................... |  | 3713-13901 | 12/82 | 119.0 | 119.0 | 119.0 | 7.3 | 0 |
| Rear loading ........................................................................ |  | 3713-13902 | 12/82 | 128.8 | 128.8 | 128.8 | 9.1 | 0 |
| Dump ......................................................................................... |  | 3713-133 | 12/82 | 134.3 | 134.7 | 134.7 | 4.0 | 0 |
| Stake/platform/grain |  | 3713-134 | 12/82 | 129.7 | 131.8 | 131.5 | 7.9 | -. 2 |
| All other bodies for transporting goods ............................................ |  | 3713-135 | 12/82 | 125.1 | 125.2 | 125.2 | 2.8 | 0 |
| Bus bodies ................................................................................... |  | 3713-1B | 12/82 | 115.4 | 117.0 | 117.0 | 4.4 | 0 |
| School buses |  | 3713-161 | 12/82 | 114.2 | 114.2 | 114.2 | 1.9 | 0 |
| Other vehicle bodies |  | 3713-1C | 12/87 | 110.1 | 110.4 | 111.5 | 7.8 | 1.0 |
| Other bodies, including truck cabs, truck beds, truck kits |  | 3713-156 | 12/87 | 110.1 | 110.4 | 111.5 | 7.8 | 1.0 |
| Complete vehicles produced on purchased chassis ............................... |  | 3713.2 | 12/82 | 121.6 | 122.9 | 123.0 | 4.6 | . 1 |
| Emergency vehicles and hearses ................................................ |  | 3713-2A | 12/82 | 127.6 | 127.8 | 127.8 | 4.2 | 0 |
| Ambulances ............................................................................... |  | 3713-221 | 12/82 | 128.3 | 128.4 | 128.4 | 7.7 | 0 |
| Fire department vehicles .................................................... |  | 3713-223 | 12/82 | 126.0 | 126.2 | 126.1 | 1.9 | -. 1 |
| Buses ....................................................................................... |  | 3713-2B | 12/82 | 118.5 | 119.4 | 119.4 | 2.8 | 0 |
| Other highway vehicles ................................................................................. |  | 3713-2C |  |  |  |  |  |  |
| Trucks .................................................................................................... |  | 3713-241 | 12/82 | 114.7 | 114.9 | 115.3 | 2.9 | . 3 |
| Secondary products and miscellaneous receipts $\qquad$ Secondary products $\qquad$ |  | 3713-SM $3713-\mathrm{S}$ | 12/82 | 116.0 | 117.6 | 117.6 | 5.1 | 0 |
| Secondary products Other secondary products |  | 3713-SSS | 12/82 | 115.4 | 119.4 | 119.4 | 5.4 | 0 |
| Truck trailers ................................................................................................................. |  | 3715-S | 12/82 | 109.9 | 109.9 | 109.8 | 1.9 | -. 1 |
| Motor vehicle parts and accessories ..................................................................... | 3714 |  | 12/82 | 107.0 | 107.4 | 107.3 | 1.7 | -. 1 |
| Primary products ................................................................................ |  | 3714-P | 12/82 | 106.5 | 106.9 | 106.9 | 1.8 | 0 |
| Rebuilt parts ....................................................................................... |  | 3714-10 | 12/82 | 121.9 | 123.6 | 123.8 | 4.5 | 2 |
| Water pumps ................................................................................. |  | 3714-323 | 12/82 | 122.1 | 122.1 | 122.7 | -. 4 | 5 |
| Clutch disc and pressure plates |  | 3714-326 | 12/82 | 107.2 | 107.2 | 109.2 | 2.2 | 1.9 |
| Gasoline engines ........ |  | 3714-331 | 12/82 | 123.4 | 129.4 | 128.4 | 5.1 | -. 8 |
| Brake shoe assemblies |  | 3714-346 | 02/89 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) | ${ }^{3}$ ) |
| Other rebuilt parts ........................................................................... |  | 3714-398 | 12/82 | 123.4 | 123.4 | 123.4 | 4.9 | 0 |
| Gasoline engines and gasoline engine parts, new ................................. |  | 3714-2 | 12/88 | 100.2 | 100.3 | 100.3 | $\left({ }^{3}\right)$ | 0 |
| Gasoline engines, new .................. |  | 3714-201 | 04/83 | 114.4 | 114.5 | 114.5 | 2.8 | 0 |
| All other parts and accessories for gasoline automotive engines, new . |  | 3714-235 | 12/88 | 100.4 | 100.5 | 100.5 | $\left({ }^{3}\right)$ | 0 |
| Filters, new .................................................................................... |  | 3714-4 | 12/82 | 101.1 | 101.1 | 101.1 | 0 | 0 |
| Oil filters, light duty (car and light truck) ........................................... |  | 3714-401 | 12/88 | 100.6 | 100.6 | 100.6 | ${ }^{(3)}$ | 0 |
| Air filters, light duty (car and light truck) ........................................... |  | 3714-405 | 12/88 | 99.5 | 99.5 | 99.5 | ${ }^{(3)}$ | 0 |
| Exhaust system parts, new ............................................................... |  | 3714-5 | 12/88 | 100.8 | 100.8 | 100.9 | $\left({ }^{3}\right)$ | 1 |
| Mufflers, including standard, sports or glass packs \& resonators ......... |  | 3714-501 | 12/82 | 115.8 | 115.8 | 116.0 | 4.8 | 2 |
| Pipes ................................................................................................ |  | 3714-502 | 12/82 | 103.5 | 103.3 | 103.6 | 2.2 | 3 |
| Drive train components, new, except wheels and brakes ........................ |  | 3714-6 | 12/88 | 100.9 | 101.4 | 101.1 | $(3)_{9}$ | -. 3 |
| Transmissions and transmission parts, except auxiliary ........................ |  | 3714-61 | 12/82 | 106.8 | 106.7 | 106.7 | .$^{9}$ | 0 |
| Car and light truck type transmissions .................................................. |  | 3714-611 | 12/88 | 101.2 | 101.2 | 101.2 | $\left({ }^{3}\right)$ | 0 |
| Automatic transmissions ............................................................ |  | 3714-61103 | 04/83 | 111.5 | 111.5 | 111.5 | 1.4 | 0 |
| Transmission parts ............ |  | 3714-613 | 12/88 | 100.4 | 100.3 | 100.5 | $\left({ }^{3}\right)$ | 2 |
| Parts for manual transmissions |  | 3714-61313 | 12/82 | 104.8 | 104.8 | 105.9 | 2.3 | 1.0 |
| Parts for automatic transmissions .............................................. |  | 3714-61314 | 12/82 | 104.7 | 104.5 | 104.6 | -. 8 | . 1 |
| Gear shifters ................................................................................... |  | 3714-631 | 12/88 | 99.6 | $\left({ }^{3}\right)$ | 99.6 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Drive shafts ... |  | 3714-632 | 12/88 | 99.5 | ${ }^{(3)}$ | 100.6 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Axles and axle parts .................................................................... |  | 3714-635 | 12/88 | 100.3 | 101.7 | 100.7 | $\left.{ }^{3}\right)$ | -1.0 |
| Motor vehicle wheels, new ............................................................... |  | 3714-7 | 12/88 | 99.6 | 100.9 | 102.6 | $\left.{ }^{3}\right)$ | 1.7 |
| Car and light truck type wheels ....................................................... |  | 3714-71 | 12/82 | 112.4 | 113.7 | 115.8 | 1.9 | 1.8 |
| Steet ........................................................................................ |  | 3714-711 | 12/88 | 99.4 | 100.2 | 101.6 | $\left({ }^{3}\right)$ | 1.4 |
| Aluminum .................................................................................. |  | 3714-712 | 12/88 | 100.0 | 103.5 | 103.3 | ${ }^{(3)}$ | -. 2 |
| Heavy truck and bus type wheels ................................................... |  | 3714-725 | 02/89 | ${ }^{(3)}$ | ${ }^{(3)}$ | 102.8 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Brake parts and assemblies, new ....................................................... |  | 3714-8 | 12/88 | 100.3 | 100.3 | 100.3 | ${ }^{(3)}$ | 0 |
| Brake assemblies (disc/caliper) ........................................................ |  | 3714-804 | 12/82 | 88.8 | 88.8 | 88.8 | ${ }^{(3)}$ | 0 |
| Brake rotor/discs .......................................................................... |  | 3714-806 | 12/88 | 100.2 | 100.0 | 100.1 | (3) | 1 |
| Brake drums ................................................................................ |  | 3714-807 | 12/88 | 100.9 | 100.7 | 100.7 | ${ }^{(3)}$ | 0 |
| Antiskid systems and other brake parts ........................................... |  | 3714-812 | 12/88 | 100.1 | 100.4 | 100.3 | ${ }^{(3)}$ | -. 1 |
| All other motor vehicle parts and accessories, new .............................. |  | 3714-9 | 12/88 | 100.5 | 100.9 | 100.9 | ${ }^{(3)}$ | 0 |
| Bumper assemblies, bumpers, and parts .......................................... |  | 3714-901 | 12/88 | 100.0 | 105.5 | 105.5 | ${ }^{(3)}$ | 0 |
| Automotive frames ........................................................................ |  | 3714-902 | 12/88 | 100.8 | 102.3 | 102.3 | ${ }^{(3)}$ | 0 |
| Heaters, heater cores, and other heater parts ................................... |  | 3714-904 | 12/88 | 103.8 | 104.3 | 104.3 | $\left.{ }^{3}\right)$ | 0 |
| Shock absorbers ........................................................................... |  | 3714-905 | 12/88 | 100.3 | ${ }^{(3)}$ | 100.3 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Steering ider arms, drag links, and control arms ................................. |  | 3714-907 | 12/82 | 107.7 | 108.3 | 108.2 | 5.4 | ${ }^{-1} 1$ |
| Ball joints ..................................................................................... |  | 3714-908 | 12/82 | 126.6 | ${ }^{3}$ ) | 129.9 | ${ }^{(3)}$ | ${ }^{(3)}$ |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Aircraft parts and auxiliary equipment, n.e.c.-Continued | 373 |  | 06/85 | 113.0 | 113.4 | 113.6 | 3.8 | 0.2 |
| Aircraft parts and equipment, including helicopter rotors and parts .......... |  | 3728-1 |  |  |  |  |  |  |
| Aircraft hydraulic subassemblies ..................................................... |  | 3728-12 | 06/85 | 106.9 | 107.7 | 107.8 | 4.1 | . 1 |
| For military aircraft (built to military specifications) |  | 3728-1731 | 06/85 | 108.3 | 108.7 | 108.9 | 4.9 | . 2 |
| For civilian aircraft. |  | 3728-1755 | 06/85 | 105.7 | 106.8 | 106.8 | 3.3 | 0 |
| Other aircraft subassemblies and parts ............................................ |  | 3728-15 | 06/85 | 113.7 | 114.4 | 114.4 | 4.2 | 0 |
| For military aircraft (built to military specifications) .......................... |  | 3728-1987 | 06/85 | 114.4 | 115.3 | 115.7 | 5.6 | . 3 |
| For civilian aircraft. ..................................................................... |  | 3728-1995 | 06/85 | 112.9 | 113.2 | 112.7 | 2.5 | -. 4 |
| Secondary products and miscellaneous receipts ..................................... |  | 3728-SM |  |  |  |  |  |  |
| Radio and TV communication equipment ................................................. |  | 3662-S | 09/85 | $\stackrel{3}{3}^{1145}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Aircraft engines and engine parts ....................................................... |  | 3724-S | 06/85 | 114.5 | 114.5 | 115.4 | 5.8 | . 8 |
| Other secondary products .................................................................. |  | 3728-SSS | 06/85 | 111.0 | 111.1 | 111.2 | 1.7 | . 1 |
| Ship and boat building and repairing ................................................................... |  |  | 12/84 | 114.1 | 115.9 | 116.0 | 5.6 | . 1 |
| Ship building and repairing | 3731 |  | 12/85 | 108.2 | 110.3 | 110.4 | 6.1 | . 1 |
| Primary products .......... |  | 3731-P | 12/85 | 108.5 | 110.5 | 110.7 | 6.3 | -2 |
| Self-propelled ships, naw, nonmilitary ................................................. |  | 3731-3 | 12/85 | 103.6 | 108.6 | 109.5 | ${ }^{(3)}$ | . 8 |
| Passenger ships ........................................................................... |  | 3731-323 | 12/88 | 100.2 | ${ }^{3}$ ) | 101.1 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Commercial fishing vessels |  | 3731-331 | 12/88 | 100.0 | ${ }^{3}{ }^{3}$ | 100.8 | ${ }^{(3)}$ | (3) |
| Other self-propelled nonmilitary ships |  | 3731-339 | 12/88 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | $\left({ }^{3}\right)$ | $\left.{ }^{3}\right)$ | ${ }^{3}$ |
| Ship repair, conversion, reconversion, U.S. military .................................. |  | 3731-4 | 12/85 | 108.3 | 110.3 | 110.3 | 2.1 | 0 |
| Military sea transport conversion/reconversion ................................... |  | 3731-421 | 12/88 | 100.0 | 100.4 | 100.4 | ${ }^{3}$ ) | 0 |
| Military sea transport repairs ................................ |  | 3731-429 | 12/88 | 99.7 | 99.8 | 99.7 | $\left.{ }^{3}\right)$ | -. 1 |
| U.S. military repair, except m.s.t ... |  | 3731-439 | 12/85 | 108.4 | 110.8 | 110.8 | 2.3 | 0 |
| Ship repair, conversion, reconversion, nonmilitary ............................... |  | 3731-6 | 12/85 | 104.0 | 104.8 | 105.0 | 3.2 | 2 |
| Maritime administration repair ................................................................ |  | 3731-619 | 12/85 | 110.6 | 119.2 | 119.2 | (3) | 0 |
| Nonmilitary conversion/reconversion, except m.a ................................ |  | 3731-653 | 12/85 | 109.9 | 109.9 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Nonmilitary repair, except m.a ................................................................. |  | 3731-659 | 12/85 | 103.2 | 103.3 | 103.3 | 2.7 | 0 |
| Secondary products and miscellanaous receipts ............................................ |  | 3731-SM |  |  |  |  |  |  |
| Sacondary products ......................................................................................................................................... |  | 3731-SSS |  |  |  |  |  |  |
| Other secondary products ............................................................. |  |  | 12/85 | 103.7 | $\left.{ }^{3}\right)$ | 104.7 | (3) | $\left.{ }^{3}\right)$ |
| Boat building and repairing | 3732 |  | 12/81 | 129.3 | 129.5 | 129.6 | 3.6 | . 1 |
| Primary products ......... |  | 3732-P | 12/81 | 129.7 | 129.9 | 130.0 | 3.9 | 1 |
| Outboard motorboats ...................................................................... |  | 3732-2 | 12/81 | 133.4 | 133.2 | 131.0 | 3.0 | -1.7 |
| Wood and metal ....................................................................... |  | 3732-24 | 12/88 | 105.3 | 104.8 | 100.4 | $\left.{ }^{3}\right)$ | -4.2 |
| Other outboard motorboats ...................................................... |  | 3732-245 | 12/88 | 102.8 | 103.5 | 99.2 | ${ }^{(3)}$ | -4.2 |
| Plastics (reinforced), fiberglass .................................................................. |  | 3732-25 | 12/88 | 100.9 | 101.0 | 101.2 | $\left.{ }^{3}\right)$ | . 2 |
| Runabouts ..................................................................................................... |  | 3732-251 | 12/88 | 100.7 | 100.7 | 100.5 | (3) | -. 2 |
| 16 ft . to 16 ft .11 in . LOA |  | 3732-25103 | 12/88 | 101.3 | 101.3 | 101.3 | ${ }^{3}$ ) | 0 |
| 17 ft . or more LOA. |  | 3732-25104 | 12/88 | 100.6 | 100.6 | 100.4 | ${ }^{(3)}$ | -. 2 |
| Cabin cruisers |  | 3732-253 | 12/88 | 101.6 | 102.6 | 104.1 | ${ }^{(3)}$ | 1.5 |
| Other outboard motorboats ............................................................... |  | 3732-255 | 12/88 | 102.4 | 102.4 | 103.6 | ${ }^{3}$ ) | 1.2 |
| Inboard motorboats ........................................................................... |  | 3732-3 | 12/81 | 131.6 | 132.1 | 132.2 | 4.3 | . 1 |
| Military ........................................................................................................ |  | 3732-311 | 12/88 | 100.8 | 100.8 | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Non-military .................................................................................. |  | 3732-32 | 12/88 | 102.3 | 102.8 | 102.8 | ${ }^{(3)}$ | 0 |
| Runabouts ........................................................................... |  | 3732-321 | 12/81 | 132.8 | 135.3 | 130.6 | 6.1 | -3.5 |
| Less than 26 ft . LOA ................................................................ |  | 3732-32101 | 12/88 | 102.0 | 103.9 | 100.3 | $\left({ }^{3}\right)$ | -3.5 |
| Cabin cruisers ............................................................................ |  | 3732-322 | 12/81 | 133.2 | 133.4 | 134.5 | 4.2 | . 8 |
| Less than 26 ft . LOA ........ |  | 3732-32201 | 12/88 | 101.3 | ${ }^{3}{ }^{3}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ ) |
| 26 ft . to less than 40 ft . LOA |  | 3732-32202 | 12/88 | 102.0 | 102.2 | 103.4 | (3) | 1.2 |
| 40 ft to less than 65 ft . LOA ..................................................... |  | 3732-32203 | 12/88 | 102.4 | 102.4 | 102.9 | (3) | . 5 |
| 65 ft . and over LOA .................................................................. |  | 3732-32204 | 12/88 | 102.6 | 104.2 | 104.2 | ${ }^{(3)}$ | 0 |
| Inboard-outdrive motorboats ............................................................... |  | 3732-4 | 12/81 | 127.7 | 127.5 | 129.0 | 3.7 | 1.2 |
| Other inboard-outdrive boats .......................................................... |  | 3732-421 | 12/88 | 101.5 | 101.3 | 102.3 | ${ }^{(3)}$ | 1.0 |
| Less than 26 ft . LOA |  | 3732-42101 | 12/88 | 100.9 | 100.2 | 101.0 | ${ }^{3}{ }^{3}$ | . 8 |
| 26 ft . or more LOA |  | 3732-42102 | 12/88 | 102.2 | 102.7 | 104.0 | ${ }^{(3)}$ | 1.3 |
| All other boats ................. |  | 3732-7 | 12/81 | 120.5 | 121.0 | 121.5 | 4.5 | 4 |
| Sailboats ...................................................................................... |  | 3732-71 | 12/81 | 120.1 | 120.8 | 121.3 | 4.4 | . 4 |
| With auxiliary power ..................................................................... |  | 3732-711 | 12/81 | 123.7 | 123.9 | 124.7 | 3.4 | 6 |
| 16 ft or more LOA ............................................................................ |  | 3732-71103 | 12/88 | 101.4 | 101.6 | 102.3 | ${ }^{3}$ ) | . 7 |
| Without auxiliary power |  | 3732-712 | 12/81 | 116.0 | 117.8 | 117.7 | ${ }^{(3)}$ | -. 1 |
| 16 ft . or more LOA |  | 3732-71203 | 12/88 | 100.6 | 101.2 | 101.1 | $\left.{ }^{3}\right)$ | -. 1 |
| Other boats .................................................................................. |  | 3732-72 | 12/81 | 120.9 | 120.9 | 121.4 | ${ }^{3}$ ) | 4 |
| Canoes .................................................................................... |  | 3732-721 | 12/88 | 100.7 | 100.7 | 100.7 | $\left({ }^{3}\right)$ | 0 |
| All other boats, n.e.c. .................................................................. |  | 3732-723 | 12/88 | 104.2 | 104.2 | 104.8 | ${ }^{(3)}$ | . 6 |
| Boat repair, military and non-military ................................................... |  | 3732-8 | 12/81 | 140.7 | 140.9 | 141.0 | ${ }^{(3)}$ | 1 |
| Repair of non-military boats ........................................................... |  | 3732-821 | 12/81 | 140.7 | 140.9 | 141.0 | $\left({ }^{3}\right)$ | . 1 |
| Secondary products and miscellaneous receipts ........................................... |  | 3732-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 3732-M | 12/88 | 103.9 | 104.6 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Resales ........................................................................................ |  | 3732-Z89 | 12/88 | 103.9 | 104.6 | (3) | ${ }^{(3)}$ | (3) |
| Secondary products ............................................................................ |  | 3732-s | 12/81 | 113.7 | 113.7 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
| Railroad equipment ................................................................................. | 3743 | $\begin{aligned} & 3743-P \\ & 3743-1 \\ & 3743-17 \\ & 3743-172 \\ & 3743-2 \end{aligned}$ | 06/84 | 107.6 | 110.2 | 110.4 | 6.0 | 2 |
| Primary products ............................................................................... |  |  | 06/84 | 108.7 | 110.8 | 111.0 | 6.0 | 2 |
| Locomotives and locomotive parts ....................................................... |  |  | 06/84 | 109.3 | 111.0 | 111.2 | 7.8 | 2 |
| Locomotive parts ................................................................... |  |  | 06/84 | 109.6 | 109.7 | 109.7 | 12.3 | 0 |
| All other, except wheels and axles .................................................. |  |  | 06/84 | 109.6 | 109.7 | 109.7 | 12.3 | ${ }^{0}$ |
| Passenger and freight train cars, new .......................................................... |  |  | 06/84 | 108.9 | ( ${ }^{3}$ ) | 112.5 | 6.3 | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

| Industry and product ${ }^{1}$ | $\begin{aligned} & \text { Industry } \\ & \text { code } \end{aligned}$ | Product code | index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989{ }^{2} \end{array}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { July } \\ 1989^{2} \end{array}$ | July 1988 | June 1989 |
| Railroad equipment-Continued | 3751 | $\begin{aligned} & 3743-2 A \\ & 3743-214 \\ & 3743-216 \end{aligned}$ | $\begin{aligned} & 06 / 84 \\ & 06 / 84 \\ & 06 / 84 \end{aligned}$ | $\begin{gathered} 108.5 \\ \left({ }^{3}\right) \\ \left({ }^{3}\right) \end{gathered}$ | (3)$(3)$$(3)$ | 112.1109.9117.6 | $\begin{aligned} & 6.4 \\ & \left(^{3}\right) \\ & \left({ }^{3}\right) \end{aligned}$ | (3) <br> (3) <br> $\left(^{3}\right)$ |
| Freight train cars, new . |  |  |  |  |  |  |  |  |
| Hopper, covered ....... |  |  |  |  |  |  |  |  |
| Tank cars .......... |  |  |  |  |  |  |  |  |
| Street, subway, trolley, and rapid transit cars, rebuilt rail cars, and rail car parts $\qquad$ |  | $3743-3$ | 06/84 | 107.2(3)(3) | $\begin{aligned} & 107.3 \\ & 100.0 \end{aligned}$ | 107.3 |  | 0 |
| Street, subway, trolley and rapid transit cars, new and rebuilt ............. |  | 3743-363743-361 | $\begin{aligned} & 06 / 89 \\ & 06 / 89 \end{aligned}$ |  |  | 99.9 |  | -. 1 |
| Selt-propelled ............................................................................ |  |  |  |  | 100.0 | 99.7 |  | -. 3 |
| Other work and service vehicles, new and rebuilt, except locomotive cranes $\qquad$ |  | 3743-363 | 06/89 | $\left.{ }^{3}\right)$ | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Parts and accessories for railroad and street cars .............................. |  | 3743-37 | 06/84 | 109.0 | 109.1 | 109.2 | 2.7 | . 1 |
| Air brake equipment |  | 3743-371 | 06/84 | $\left.{ }^{3}\right)$ | $\left.(3)^{3}\right)$ | 111.8 | $\left.(3)^{3}\right)$ | $\left({ }^{(3)}\right.$ |
| All other, except wheels and axles ................................................ |  | 3743-372 | 06/84 | 108.1 | 108.2 | 108.3 | 3.6 | . 1 |
| Secondary products and miscellaneous receipts ............................................ |  | $\begin{aligned} & 3743-S M \\ & 3743-S \end{aligned}$ |  | (3) | (3) | 107.9 | 7.6 | (3) |
| Secondary products .......................................................................... |  |  |  |  |  |  |  |  |
| Motorcycles, bicycles, and parts |  | 3751-P | $12 / 84$$12 / 84$ | 106.4 | 107.7 | 107.6 | 3.2 | -. 1 |
| Primary products ............................................................................... |  |  |  | 108.7 | 110.3 | 110.1 | 3.9 | -. 2 |
| Bicycles, adult tricycles, unicycles \& parts (excl. chldrns 2-whl sdwik cycls w/semi-pneu trs) $\qquad$ |  | 3751-1 | 12/84 | 107.7 | 110.7 | 110.3 | 4.8 | -. 4 |
| Bicycles, complete, with one or both wheels 25 inches or more $\qquad$ Five speed or over bicycles, complete, with one or more wheels 25 |  | 3751-111 | 12/84 | 106.0 | 109.7 | 109.0 | 5.3 | -. 6 |
| inches or more .................................................................... |  | 3751-11103 | 12/84 | 104.2 | 107.5 | 107.5 | 4.1 | 0 |
| Bicycles, complete, with both wheels less than 25 inches .................. |  | 3751-151 | 12/84 | 105.5 | 109.2 | 109.2 | 6.6 | 0 |
| Parts for bicycles, including frame sets and motorbike parts interchangeable with bicycle parts |  | 3751-171 | 12/84 | 116.6 | 116.0 | 116.0 | . 2 | 0 |
| Motorcycles, motorbikes, mopeds, motorscooters, trail vehicles and parts $\qquad$ |  | 3751-2 |  | 109.9 |  |  |  | 0 |
| Parts, including sidecars, but excluding motorbike parts interchangeable with bicycle parts |  |  | $3751-253$ $12 / 84$ | 105.2 | 109.9 | 105.2 | 0 | 0 |
| Secondary products and miscellaneous receipts ........................................... |  | 3751-SM |  |  | 105.2 |  |  |  |
| Miscellaneous receipts ...................................................... |  | $3751-\mathrm{M}$ | 12/84 | 109.9 | 109.9 | 109.9 | -. 9 | 0 |
| Resales ............................................................................... |  | 3751-Z89 | 12/84 | 109.9 | 109.9 | 109.9 | -. 9 | 0 |
| Secondary products ................................................................................ |  | 3751-S | 12/84 | 95.9 | 95.9 | 95.9 | 0 | 0 |
| Miscellaneous transportation equipment ...................................................... | 379 |  | 12/84 | 110.1 | 110.9 | 110.9 | 3.7 | 0 |
| Travel trailers and campers | 3792 |  | 06/84 | 118.5 | $\begin{aligned} & 119.1 \\ & 120.8 \end{aligned}$ | 119.4 | 3.3 | . 3 |
| Primary products .......................................................................... |  | 3792-P | 06/84 | 120.0 |  | 121.0 | 3.6 |  |
| Travel trailers (with rigid structures) ............................................. |  | 3792-1 | 06/84 | 120.5 | 120.6 | 122.9 | 4.0 | 1.9 |
| 16 to 24 feet, 11 inches in length ................................................... |  | 3792-133 | 06/84 | 120.2 | 120.3 | 123.4 | 4.5 | 2.61.2 |
| 25 feet and over in length, including park models .............................. |  | 3792-135 | 06/84 | $\begin{aligned} & 121.1 \\ & 119.0 \end{aligned}$ | 121.1 | 122.6 | 3.2 |  |
| Camping trailers, truck campers, pickup covers and parts ................ |  | 3792-2 | 06/84 |  | 121.2 | 117.2 | 2.9 | -3.3 |
| Collapsible camping trailers ..................................................... |  | 3792-242 | 06/84 | 124.6 | 125.9 | 126.7 | 9.8 | $\begin{array}{r} .6 \\ -.1 \\ (3) \end{array}$ |
| Pickup caps or box covers ....................................................... |  | 3792-247 | 06/84 | 105.1 | 107.1 | 107.0 | 5.7 |  |
| Parts and components, excluding appliances and furnishings .............. |  | 3792-259 | 06/84 | 116.3 | 118.9 | ${ }^{(3)}$ | ${ }^{5}$ |  |
| Secondary products and miscellaneous receipts ........................................... |  | 3792-SM3792-S | 06/84 | 112.8 | $112.8$$\left(^{3}\right)$ | $\begin{aligned} & 112.8 \\ & 116.2 \end{aligned}$ |  | $3^{3}{ }^{0}$ |
| Secondary products ........................................................................... |  |  |  |  |  |  | 1.92.3 |  |
| Motor homes on purchased chassis ......................................................... |  | 3716-S | 06/84 | 116.2 |  |  |  |  |
| Transportation equipment, not elsewhere classified | 3799 | 3799-P | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | $\begin{aligned} & 109.2 \\ & 109.3 \end{aligned}$ | $\begin{aligned} & 110.2 \\ & 109.9 \end{aligned}$ | $\begin{aligned} & 110.2 \\ & 110.0 \end{aligned}$ | 3.6 | 0 |
| Primary products |  |  |  |  |  |  | 2.8 | . 1 |
| Self-propelled golf carts and industrial in-plant personnel carriers and parts $\qquad$ |  | 3799-3 | $06 / 85$ | 111.3 | 111.3 | 111.6 | 4.0 | . 3 |
| Self-propelled golf carts (electric and gas powered) and in-plant personnel carriers $\qquad$ |  | 3799-382 | $06 / 85$$06 / 85$ | $\begin{aligned} & 111.3 \\ & 107.3 \end{aligned}$ | $\begin{aligned} & 111.3 \\ & 107.2 \end{aligned}$ | $\begin{aligned} & 111.6 \\ & 107.1 \end{aligned}$ | 4.0 |  |
| Transportation equipment, not elsewhere classified .................................. |  | 3799-9 |  |  |  |  | 2.1 | .3 -.1 |
| Automobile trailers, complete, excluding travel, boat and camping trailers $\qquad$ |  | 3799-931 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | $\begin{aligned} & 109.2 \\ & 114.1 \end{aligned}$ | $\begin{aligned} & 109.2 \\ & 114.1 \end{aligned}$ | 109.2114.1 | $2.0$ | 0 |
| Boat trailers ................................................................................. |  | 3799-991 |  |  |  |  | -. 3 | 0 |
| All-terrain vehicles, electric or gas driven (off-road, flotation wheels or full tracks) $\qquad$ |  | 3799-992 | 06/85 | 116.2 | 117.3 | 117.3 | 7.6 | 0 |
| Parts for all-terrain vehicles ......................................................... |  | 3799-994 | 06/85 | ${ }^{(3)}$ | $\left({ }^{3}\right)$ | ${ }^{(3)}$ | (3) | $\left.{ }^{3}\right)$ |
| Other miscellaneous transportation equipment andparts, including chassis for auto trailers |  | 3799-998 | 06/85 | 105.6 | 104.9 | 104.9 | 4.0 | 0 |
| Secondary products and miscellaneous receipts ..................................... |  | 3799-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................................................... |  | 3799-M | 06/85 | 110.2 | 118.4 | 118.4 | 18.4 | 0 |
| Resales ................... |  | 3799-789 | 06/85 | 112.1 | 121.8 | 121.8 | 21.8 | 0 |
| Secondary products .......................................................................... |  | 3799-S | 06/85 | 106.9 | 106.9 | 106.9 | 3.1 | 0 |
| Measuring and controlling instruments; photographic, medical, optical goods; watches, clocks $\qquad$ | 38 |  | 12/84 | 109.7 | 110.7 | 110.9 | 3.5 | . 2 |
| Engineering and scientific instruments ......................................................... | 3811 |  | 12/85 | 111.6 | 112.3 | 113.1 | 4.3 | . 7 |
| Primary products ............................................................................................................................... |  | 3811-P | 12/85 | 111.5 | 112.5 | 113.1 | 3.8 | . 5 |
| Aeronautical, nautical, and navigational instruments, excl. aircraft eng. instr. and systems |  | 3811-1 | 12/85 | 111.6 | 112.9 | 113.8 | 3.2 | . 8 |
| Flight and navigational sensors, transmitters, and displays .................. |  | 3811-12 | 12/85 | 111.8 | 112.9 | 111.3 | 1.3 | -1.4 |
| Air speed indicators, including machmeters and air data computers |  | 3811-124 | 12/85 | 120.7 | $\left({ }^{3}\right)$ | 120.5 | 2.2 | (3) |
| Acceleration indicators and systems components |  | 3811-125 | 12/85 | 106.0 | 106.0 | 106.9 | -2.1 | . 8 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price Indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Fluid meters and counting devices | 3824 |  | 12/85 | 108.1 | 107.9 | 108.0 | 2.0 | 0.1 |
| Primary products .......... |  | 3824-P | 12/85 | 108.7 | 108.4 | 108.5 | 2.5 | . 1 |
| Integrating and totalizing meters for gas and liquid ............................ |  | 3824-2 | 12/85 | 109.0 | 108.5 | 108.6 | 3.2 | . 1 |
| Liquid meters, positive displacement with registers and counters ....... |  | 3824-23 | 12/85 | 110.1 | 109.0 | 109.1 | 1.9 | . 1 |
| Water meters, consumption registering ............................................ |  | 3824-234 | 12/85 | 104.3 | 105.0 | 104.9 | 1.4 | -. 1 |
| Small meters, up to and including 1 inch |  | 3824-23433 | 12/85 | 102.7 | 101.8 | 102.6 | . 7 | 8 |
| Large meters, over 2 inch |  | 3824-23437 | 12/85 | 109.8 | 112.9 | 113.3 | 3.2 | . 4 |
| Liquid fuel dispensing meters, excluding service station dispensing pumps |  | 3824-241 | 12/85 | 115.7 | 110.1 | 110.1 | -1.1 | 0 |
| Other liquid meters; industrial bulk plants, pipeline, batching, treatment facilities $\qquad$ |  | 3824-288 | 12/85 | 121.8 | 120.2 | 120.7 | 6.1 | . 4 |
| Parts and components for gas and liquid meters (sold separately) ....... |  | 3824-29 | 12/85 | 104.4 | 104.4 | (3) | ${ }^{(3)}$ | (3) |
| Counting devices ............................................................................... |  | 3824-3 | 12/85 | 112.1 | 112.3 | 112.3 | 1.7 | 0 |
| Revolution counters, digital incl. totalizing, measuring wheels and vehicle operation registers $\qquad$ |  | 3824-36 | 12/85 | 119.4 | 118.5 | 118.5 | 3.8 | 0 |
| Mechanical input |  | 3824-361 | 12/85 | 114.5 | 111.8 | 111.8 | 1.9 | 0 |
| Electronic input ................................................................. |  | 3824-367 | 12/85 | 114.8 | 114.8 | ${ }^{(1)}$ | (3) | (3) |
| Motor vehicle instruments, except electric ................................... |  | 3824-4 | 12/85 | 95.8 | 95.8 | 95.8 | (3) | 0 |
| Speedometers for motor vehicles ....................................................... |  | 3824-411 | 12/85 | 90.0 | 90.0 | 90.0 | $\left.{ }^{3}\right)$ | 0 |
| Other motor vehicle indicating instruments, except electric (fuel level, oil pressure, etc.) $\qquad$ |  | 3824-498 | 12/85 | 111.6 | 111.6 | 111.6 | (3) | 0 |
| Secondary products ......................................................................................................................... Instruments to measure electricity ........... |  | $3824-S$ $3825-S$ | $12 / 85$ $12 / 85$ | $\left({ }^{3}\right)$ $(3)$ | 106.2 113.9 | 106.2 113.9 | (3) | 0 |
| Instruments to measure electricity ................................................... |  | 3825-S | 12/85 | $\left({ }^{3}\right)$ | 113.9 | 113.9 | ( | 0 |
| Electrical measuring and integrating instruments | 3825 |  | 12/83 | 108.5 | 111.0 | 112.4 | 4.9 | 1.3 |
| Primary products ......................................... |  | 3825-P | 12/83 | 109.9 | 111.9 | 113.5 | 5.0 | 1.4 |
| Integrating instruments |  | 3825-1 | 12/83 | 104.7 | 102.9 | 105.0 | -. 3 | 2.0 |
| Watt-hour meters, AC single phase (except combined types) ............... |  | 3825-112 | 12/83 | 100.3 | ${ }^{(3)}$ | 100.9 | -2.5 | (3) |
| Watt-hour meters, AC polyphase .......................................... |  | 3825-115 | 05/85 | ${ }^{(3)}$ | (3) | 99.2 | (3) | ${ }^{3}$ ) |
| Demand meters, AC and combined demand and watt-hour or watt-hour and time switch meters |  | 3825-135 | 08/84 | ${ }^{(3)}$ | (3) | 93.5 | (3) | (3) |
| Parts for integrating meters sold separately and integrating-meter test equipment |  | 3825-161 | 12/83 | ${ }^{(3)}$ | ${ }^{(3)}$ | 123.9 | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Test equipment for electrical and electronic components, circuits, equipment and motors |  | 3825-2 | 12/83 | 112.3 | 113.4 | 115.3 | 5.0 | 1.7 |
| Voltage, current, resistance, power and energy testing and measuring equipment |  | 3825-21 | 12/83 | 122.6 | 126.4 | 127.1 | 5.0 | . 6 |
| Multimeters ................................................................................ |  | 3825-21A | 12/83 | 108.9 | 110.1 | 112.3 | 3.3 | 2.0 |
| Analog multimeters, electronic and all electrical multimeters ......... |  | 3825-21A1 | 12/83 | 110.3 | 111.5 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Analog electronic multimeters ................................................ |  | 3825-21129 | 12/83 | 125.8 | 130.5 | (3) | ${ }^{3}$ ) | ${ }^{(3)}$ |
| Digital and digital/analog electronic multimeters ............................ |  | 3825-21128 | 12/83 | 108.3 | 109.4 | 109.4 | 1.0 | 0 |
| Other voltage, current or resistance measuring equipment (except panel meters) $\qquad$ |  | 3825-21B | 12/83 | 131.7 | 137.3 | 137.3 | 6.1 | 0 |
| Analog electronic and electrical, except panel ................................ |  | 3825-21B1 | 12/83 | 133.7 | 139.8 | 139.8 | 6.6 | 0 |
| Analog electronic ................................................................. |  | 3825-21221 | 12/83 | 131.0 | 138.0 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | (3) |
| Electrical ........................................................................... |  | 3825-21222 | 12/83 | 149.1 | 150.6 | ${ }^{3}$ ) | (3) | ${ }^{3}$ ) |
| Power and energy test and measurement equipment ....................... |  | 3825-21C | 12/83 | 114.1 | 114.1 | 114.6 | 1.2 | 4 |
| Frequency or time interval measuring or counting equipment ............... |  | 3825-22A | 12/83 | 109.9 | 113.0 | 113.0 | 8.0 | 0 |
| Waveform measuring and analyzing equipment .................................. |  | 3825-228 | 12/83 | 121.6 | 122.0 | 129.9 | 10.5 | 6.5 |
| Oscilloscopes ..................................................................................... |  | 3825-2221 | 08/84 | ${ }^{(3)}$ | ${ }^{(3)}$ | 125.6 | ${ }^{(3)}$ | ${ }^{3}$ ) |
| Other waveform measuring equipment (including spectrum analyzers \& low frequency oscillographs $\qquad$ |  | 3825-2222 | 12/83 | 118.5 | 121.0 | 120.5 | 3.4 | -. 4 |
| Signal generating equipment ........................................................... |  | 3825-22C | 12/83 | 113.1 | 113.1 | 113.6 | -. 7 | 4 |
| Radio frequency ( 20 kilohertz to 890 megahertz) ............................... |  | 3825-22357 | 12/83 | 113.0 | 113.0 | 113.0 | -1.1 | 0 |
| Microwave (890 megagertz and above) .......................................... |  | 3825-22359 | 12/83 | 110.2 | 110.2 | 111.7 | -. 1 | 1.4 |
| Field strength and intensity measuring equipment ............................... |  | 3825-22D | 12/83 | 135.4 | 135.4 | (3) | $\left.{ }^{3}\right)$ | (3) |
| Multiple function test equipment .-..................................................... |  | 3825-24 | 12/83 | 95.0 | 96.1 | 96.1 | 1.8 | 0 |
| Component part test sets ....................................................................... |  | 3825-24A | 12/83 | 101.8 | 105.9 | 105.9 | 8.3 | 0 |
| Automatic semiconductor test equipment .................................. |  | 3825-24465 | 12/83 | 102.2 | 106.8 | 106.8 | 7.8 | 0 |
| Equipment and subassembly test equipment (including loaded printed circuit board testers) |  | 3825-245 | 12/83 | 101.9 | (3) | 102.8 | -. 4 | (3) |
| Internal combustion engine characteristics testing and analysis equipment $\qquad$ |  | 3825-25539 | 12/83 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | 101.1 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ |
| Other test and analysis equipment and associated devices ................. |  | 3825-26 | 12/83 | 115.0 | 116.4 | (3) | (3) | (3) |
| Microwave test equipment n.e.c. ................................................... |  | 3825-26652 | 12/83 | 118.1 | 118.1 | $\left.{ }^{3}\right)$ | (9) | ${ }^{(3)}$ |
| Standards and calibration equipment for testing and measuring instruments |  | 3825-26672 | 12/83 | 126.2 | 133.3 | 133.3 | 7.8 | 0 |
| Associated devices for test and measurement equipment (probes, decade boxes, shunts) $\qquad$ |  | 3825-26682 | 12/83 | 115.7 | 115.7 | 116.2 | 1.3 | 4 |
| Network analysers \& other communication test equipment ............... |  | 3825-26692 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.3 | $\left({ }^{3}\right)$ | . 3 |
| Other test equipment, not elsewhere classified ............................... |  | 3825-26698 | 12/83 | 112.7 | 113.7 | 113.3 | 3.4 | -. 4 |
| Parts for test equipment ................................................................ |  | 3825-26699 | 06/89 | ${ }^{(3)}$ | 100.0 | 100.0 | (3) | 0 |
| Electrical indicating and recording instruments ............................... |  | 3825-3 | 12/83 | 103.7 | 111.2 | 111.7 | 8.6 | . 4 |
| Panel meters .............................................. |  | 3825-31 | 12/83 | 111.3 | 111.6 | 113.1 | 2.6 | 1.3 |
| Digital and analog with LED, LCD or neon gas discharge readout .... Analog, conventional indicator movement, generally + or $-\mathbf{2 \%}$ |  | 3825-31108 | 12/83 | 96.7 | ${ }^{(3)}$ | (3) | (3) | $\left({ }^{3}\right)$ |
| accuracy |  | 3825-312 | 12/83 | 117.5 | 117.5 | 119.9 | 4.3 | 2.0 |
| All other panel meters including motor vehicle, ruggedized, and instrument relay types |  | 3825-31666 | 12/83 | 122.5 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{3}$ |
| Other indicating instruments except panel ......................................... |  | 3825-32 | 12/83 | ${ }^{(3)}$ | (3) | 87.3 | (3) | (3) |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| industry and product ${ }^{\text {² }}$ | industry code | Product code | index base | index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Electrical measuring and integrating instruments-Continued <br> Other indicating instruments including switchboard and portable, cased or uncased $\qquad$ <br> Electrical recording instruments $\qquad$ <br> Secondary products and miscellaneous receipts $\qquad$ <br> Miscellaneous receipts $\qquad$ <br> Resales $\qquad$ <br> Secondary products $\qquad$ | 3829 | $\begin{aligned} & 3825-327 \\ & 3825-36 \\ & 3825-S M \\ & 3825-M \\ & 3825-Z 89 \\ & 3825-S \end{aligned}$ | $\begin{aligned} & 12 / 83 \\ & 12 / 83 \end{aligned}$ | $\begin{gathered} \left({ }^{3}\right) \\ 100.9 \end{gathered}$ | $\begin{gathered} \left({ }^{3}\right) \\ 109.3 \end{gathered}$ | $\begin{gathered} 100.0 \\ \text { (3) }^{3} \end{gathered}$ | (3)(3) | $(3)$$(3)$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  | 03/87 | $\left.{ }^{3}\right)$ | (3) | 107.3 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ |
|  |  |  | 03/87 | (3) | (3) | 106.0 | (3) | (3) |
|  |  |  | 12/83 | 100.9 | 103.1 | 103.1 | 1.6 | 0 |
| Measuring and controlling devices, not elsewhere classified ..... |  |  | 06/85 | 109.4 | 110.8 | 110.9 | 3.5 | . 1 |
| Primary products ........................................................... |  | 3829-P | 06/85 | 109.9 | 110.9 | 111.0 | 2.5 | . 1 |
| Aircraft engine instruments, except flight ........................ |  | 3829-1 | 06/85 | 104.3 | 105.8 | 104.7 | 1.2 | -1.0 |
| Pressure ratio and pressure and vacuum sensors, transmitters, displays and controls |  | 3829-148 | 06/85 | 111.9 | 111.9 | 111.9 | 2.5 | 0 |
| All other aircraft engine instruments, except flight, and parts and components therefor $\qquad$ |  | 3829-198 | 06/85 | 111.3 | 114.4 | 112.3 | 1.7 | -1.8 |
| Physical properties testing \& inspection equipment, and kinematic testing \& measuring equipment |  | 3829-2 | 06/85 | 110.6 | 112.2 | 112.9 | 4.3 | . 6 |
| Physical properties testing equipment incl. hardness, stress, torsion, wear, strength \& similar |  | 3829-229 | 06/85 | 111.6 | 112.3 | 112.3 | 4.2 | 0 |
| Electrical and electronic types (including components and parts sold separately) $\qquad$ |  | 3829-22933 | 06/85 | 111.9 | 112.4 | 112.4 | 4.2 | 0 |
| Other types (including components and parts sold separately) ... |  | 3829-22935 | 06/85 | 110.0 | 111.0 | 111.0 | 3.6 | 0 |
| Physical properties inspection equipment incl. flaw detection, thickness measuring and similar |  | 3829-253 | 06/85 | 111.7 | 111.9 | 113.1 | 3.0 | 1.1 |
| Electrical and electronic types (including components and parts sold separately) |  | 3829-25357 | 06/85 | 111.9 | 112.2 | 113.6 | 3.8 | 1.2 |
| Other types (including components and parts sold separately) ......... |  | 3829-25359 | 06/85 | 111.1 | 111.1 | 111.8 | . 9 | . 6 |
| Kinematic testing and measuring equipment (including components and parts sold separately) $\qquad$ |  | 3829-291 | 06/85 | 107.6 | 112.5 |  | 6.1 | . 9 |
| Vibration testing and measuring equipment ......................................... |  | 3829-29192 | 06/85 | 109.4 | 115.3 | 116.7 | 6.7 | 1.2 |
| Acceleration and all other kinematic testing and measuring equipment |  | 3829-29193 | 06/85 | 103.2 | 105.5 | 105.5 | 4.5 | 0 |
| Commercial, meteorological, and general purpose instruments ............... |  | 3829-3 | 06/85 | 116.4 | 118.3 | 118.2 | 3.9 | -. 1 |
| Other commercial $\&$ industrial instruments, except aircraft, incl compasses, altimeters \& parts |  | 3829-333 |  | 112.0 | 113.6 |  |  | -. 1 |
| Nuclear radiation detection and monitoring instruments ......................... |  | 3829-4 | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 107.0 | 106.9 | 106.9 | . 6 | 0 |
| Radiation detecting elements, including ion chambers and solid state detectors, sold separately $\qquad$ |  | 3829-402 | 06/85 | 102.3 | 103.6 | 103.6 | 3.1 | 0 |
| Pulse analyzers, single and multichannel, including nuclear spectrometers |  | 3829-422 | 06/85 | 116.4 | 116.4 | 116.4 | 5.9 | 0 |
| Other nuclear radiation detection \& monitoring instruments \& parts \& components sold separately |  | $3829-439$ $06 / 85$ |  | 104.8 | 103.6 | 103.6 | . 2 | 0 |
| Secondary products and miscellaneous receipts ...................................... |  | 3829-SM |  |  |  |  |  |  |
| Miscellaneous receipts .................................... |  | 3829-M | 06/85 | 106.6 | 111.0 | 111.0 | 11.3 | 0 |
| Resales |  | 3829-289 | 06/85 | 88.8 | 90.7 | 90.7 | 3.2 |  |
| Secondary products |  | 3829-S | $\begin{aligned} & 06 / 85 \\ & 06 / 85 \end{aligned}$ | 108.4 | 109.7 | 109.6 | 2.7 | -. 1 |
| Engineering and scientific devices .............................................. |  | 3811-S |  | $\begin{aligned} & 129.6 \\ & 107.5 \end{aligned}$ | 130.5 | 130.5 | ${ }^{(3)}$ | 0 |
| Process control instruments ........... |  | 3823-S | 06/85 06/85 06/85 |  | 110.1 | 110.1 | 5.6 | 0 |
| Other secondary products .............. |  | 3829-SSS |  | $\begin{aligned} & 107.5 \\ & 105.6 \end{aligned}$ | 106.8 | 106.7 | 1.9 | -. 1 |
| Optical and analytical instruments . | 3832 |  |  |  | 105.4 | 105.3 | 2.0 | -. 1 |
| Primary products .......... |  | $\begin{aligned} & 3832-P \\ & 3832-5 \end{aligned}$ | 12/85 | 105.5 | 105.7 | 105.6 | 2.2 | -. 1 |
| Optical instruments, components, and lenses, except opthalmic ......... |  |  | 12/85 | 106.0 | 107.9 | 107.8 | 3.3 | -. 1 |
| Optical components, incl. mirrors, filters, gratings, coatings, prisms, etc. $\qquad$ |  | 3832-514 | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | 115.3 | 119.3 | 119.3 | 6.8 | . 0 |
| Unmounted lenses, except opthalmic focus lenses ...................................................................... |  | 3832-515 |  | 106.4 | 106.9 | 106.9 | 3.2 | 0 |
| Other optical instruments ............................................................ |  | 3832-517 | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | 103.7107.9 | 104.6 | 104.6 | 1.7 | 0 |
| Analytical and scientific instruments (except optical)... |  | 3832-6 | 12/85 |  | 107.5 | 107.4 | 1.9 | -. 1 |
| Chromatographic instruments ..... |  | 3832-63 | 12/85 | $\begin{aligned} & 107.9 \\ & 109.1 \end{aligned}$ | 109.2 | 109.2 | -1.5 | 0 |
| Gas ........................ |  | 3832-631 | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | $\begin{aligned} & 109.1 \\ & 100.0 \end{aligned}$ | 100.3 | 100.3 | . 3 | 0 |
| Liquid .................. |  | 3832-632 |  | 118.8 | 118.8 | 118.8 | -3.2 | 0 |
| Spectrophotometric instruments ........ |  | 3832-64 | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | 118.7117.2 | 118.9 | 120.1 | 5.6 | 1.0 |
| Ultraviolet, visible and colorimeters ................................................ |  | 3832-644 | $12 / 85$$12 / 85$ |  | 117.5 | 119.4 | 6.5 | 1.6 |
| Other, including near ultraviolet and Raman ..................................... |  | 3832-647 |  | 109.7 | 109.7 | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Thermal analysis instrum., incl. thermogravimetric analyzers, quantitative thermal analyzers |  | 3832-651 | 12/85 | 102.9 | 102.9 | 102.9 | 1.9 | 0 |
| Mass spectroscopy instrumentation .................................................. |  | 3832-671 | 12/85 | 118.4 | $\left({ }^{3}\right)$ | $\left({ }^{3}\right)$ | ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Clinical laboratory instrumentation .................................................... |  | 3832-68 | 12/85 | 96.2 | (3) | (3) | (3) | $\left({ }^{3}\right)$ |
| Parts, components, and accessories for analytical and scientific instruments sold separately $\qquad$ |  | 3832-696 | 12/85 | 129.2 | 130.0 | 130.0 | 3.3 | 0 |
| Secondary products and miscellaneous receipts ....................................... |  | 3832-SM |  |  |  |  |  |  |
| Miscellaneous receipts ..................................................................... |  | 3832-M | 12/85 | 106.8 | 106.8 | 106.8 | 0 | 0 |
| Contract work and other miscellaneous receipts ............................. |  | 3832-XY9 | 12/85 | 106.8 | 106.8 | 106.8 | 0 | 0 |
| Other secondary products ............................................................... |  | 3832-SSS | 12/85 | 103.0 | 103.4 | 103.4 | 1.7 | 0 |
| Surgical, medical, and dental instruments and supplies .................................. | 384 |  | 12/84 | 114.7 | 115.8 | 115.7 | 4.2 | -. 1 |
| Surgical and medical instruments and apparatus ............................................... | 3841 |  | 06/82 | 115.0 | 116.2 | 115.8 | 4.1 | -. 3 |
| Primary products ....................................................................................... |  | 3841-P | 06/82 | 115.0 | 116.3 | 115.9 | 4.3 | -. 3 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Indexbase | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Ophthalmic goods | 3851 |  | 12/83 | 113.4 | 114.2 | 115.3 | 4.0 | 1.0 |
| Primary products. |  | 3851-P | 12/83 | 111.9 | 112.3 | 113.6 | 3.5 | 1.2 |
| Ophthalmic fronts and temples |  | 3851-1 | 12/83 | 134.2 | 134.2 | 140.4 | 6.0 | 4.6 |
| Complete frames, all types ... |  | 3851-118 | 12/83 | ${ }^{3}$ ) | $\left({ }^{3}\right)$ | (3) | (3) | ${ }^{(3)}$ |
| Glass ophthalmic focus lenses |  | 3851-2 | 12/83 | 97.2 | 98.0 | 98.7 | 4.7 | . 7 |
| Single vision glass lenses .............................................................. |  | 3851-231 | 12/83 | 111.2 | 113.8 | 113.8 | 6.5 | 0 |
| Bitocal glass lenses .......... |  | 3851-241 | 12/83 | 90.1 | 90.1 | 91.1 | 3.8 | 1.1 |
| Plastic ophthalmic focus lenses |  | 3851-3 | 12/83 | 99.4 | 101.1 | 101.5 | 3.2 | . 4 |
| Single vision plastic lenses ................................................................ |  | 3851-325 | 12/83 | 100.9 | 101.7 | 101.7 | . 8 | 0 |
| Multifocal plastic lenses ....................................................... |  | 3851-327 | 12/83 | 98.2 | 100.7 | 101.3 | 5.0 | 6 |
| Contact lenses ................................................................... |  | 3851-4 | 12/83 | 94.4 | 93.4 | 93.4 | 1.3 | 0 |
| Hard contact lenses |  | 3851-412 | 12/83 | 105.3 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Soft contact lenses |  | 3851-413 | 12/83 | 83.4 | 82.6 | 82.6 | 4.2 | 0 |
| Other ophthalmic goods ................................................................................... |  | 3851-5 | 12/83 | 118.0 | 118.7 | 118.1 | 2.1 | -. 5 |
| Industrial eye protectors and parts thereof .......................................... |  | 3851-541 | 12/83 | 137.4 | 137.4 | 137.4 | 3.0 | 0 |
| Other ophthalmic goods and accessories ........................................... |  | 3851-592 | 12/83 | 117.8 | 119.8 | 118.8 | 4.7 | . 8 |
| Secondary products and miscellaneous receipts ..................................... |  | 3851-SM |  |  |  |  |  |  |
| Secondary products ..................................................................................... |  | $3851 . \mathrm{S}$ | 12/83 | 120.4 | 121.4 | 121.4 | 3.9 | 0 |
| Other secondary products ................................................................ |  | 3851-SSS | 12/83 | 120.4 | 121.4 | 121.4 | 3.9 | 0 |
| Photographic equipment and supplies ........................................................ | 3861 |  | 12/83 | 108.7 | 109.2 | 109.3 | 3.2 | 1 |
| Primary products .............................................................................. |  | $3861 . \mathrm{P}$ | 12/83 | 108.0 | 108.5 | 108.6 | 4.1 | . 1 |
| Still picture equipment .......................................................................... |  | 3861-1 | 12/83 | 110.8 | 112.2 | 112.7 | 4.4 | . 4 |
| Still cameras .......................................................................................... |  | 3861-101 | 12/83 | 106.0 | 106.2 | 106.2 | 5.0 | 0 |
| Other still cameras, except photocopy, blueprint, and microfilm types $\qquad$ |  | 3861-10102 | 12/83 | 130.7 | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| Commercial finishing and processing equipment ................................ |  | 3861-103 | 12/83 | 117.9 | 120.0 | 122.1 | . 8 | 1.8 |
| All other still picture equipment and accessories ................................ |  | 3861-104 | 12/83 | 115.7 | 120.0 | 120.0 | 8.2 | 0 |
| Motion picture equipment ................................................................... |  | 3861-2 | 12/83 | 116.1 | 114.3 | 116.6 | 7.0 | 2.0 |
| 8 or 16 mm cameras and projectors ............................................. |  | 3861-201 | 12/83 | 114.5 | (3) | ${ }^{(3)}$ | (3) | $\left({ }^{3}\right)$ |
| Other motion picture equipment and accessories, including all projection screens |  | 3861-204 | 12/83 | 120.8 | 124.0 | 123.2 | 5.0 | -. 6 |
| Microfilming, blueprinting, brownprinting, and whiteprinting equipment ..... |  | 3861-4 | 12/83 | 118.7 | ${ }^{(3)}$ | 121.2 | 3.1 | (3) |
| Prepared photographic chemicals ...................................................... |  | 3861-5 | 12/83 | 113.6 | 114.7 | 114.7 | 24.3 | 0 |
| Office copy toners |  | 3861-501 | 12/83 | 89.8 | 92.2 | 92.2 | 1.1 | 0 |
| All other prepared photographic chemicals ..................................... |  | 3861-502 | 12/83 | 131.6 | 131.6 | 131.6 | 41.4 | 0 |
| Sensitized silver halide materials, except x-ray ................................... |  | 3861-6 | 12/83 | 111.3 | 111.4 | 111.4 | 2.9 | 0 |
| Silver halide film, plates, and slides ............................................... |  | 3861-601 | 12/83 | 115.9 | 116.1 | 116.0 | 1.9 | -. 1 |
| Sensitized materials, non-silver halide type ............................................. |  | 3861.7 | 12/83 | 117.2 | 121.2 | 121.2 | 8.2 | 0 |
| Diazo type materials ................................................................... |  | 3861-701 | 12/83 | (3) | ${ }^{(3)}$ | ${ }^{(3)}$ | ${ }^{(3)}$ | $\left({ }^{3}\right)$ |
| Secondary products and miscellaneous receipts ..................................... |  | ${ }_{3861-S M}$ |  |  |  |  |  |  |
| Secondary products ..................................................................................... |  | 3861-S | 12/83 | 120.7 | 121.6 | 121.5 | 4.7 | -. 1 |
| Watches, clocks, and watchcases | 3873 |  | 06/83 | 108.5 | 108.8 | 108.9 | 3.1 | . 1 |
| Primary products ..... |  | 3873-P | 06/83 | 105.6 | 106.0 | 106.1 | 1.4 | . 1 |
| Clocks, timing mechanisms, time switches, and clock movements .......... |  | 3873-1 | 06/83 | 113.7 | 115.3 | 115.4 | 4.7 | . 1 |
| Clocks w/balance wheel \& hairspring or other oscillatory device w/built-in frequency time base $\qquad$ |  | 3873-1A | 06/83 | 117.8 | 117.5 | 117.5 | 2.1 | 0 |
| Clocks w/watch movements/modules or w/clock movements/modules less than 1.77 inches wide |  | 3873-131 | 06/83 | 118.8 | (3) | 118.8 | . 8 | $\left({ }^{3}\right)$ |
| Clocks ex. those w/watch movements or modules \& clock movements or modules less than $1.77^{\prime \prime}$ wide $\qquad$ |  | 3873-134 | 06/83 | 117.8 | 117.5 | 117.5 | 2.2 | 0 |
| Household wall clocks, except alarm and chime \& strike ....... |  | 3873-13433 | 06/83 | 114.1 | 111.8 | 111.8 | 3.5 | 0 |
| All other household clocks, except alarm but including chime \& strike, desk, mantel, etc. $\qquad$ |  | 3873.13435 | 06/83 | 125.7 | 125.7 | 125.7 | 3.7 | 0 |
| Clocks with other time base ................................................................................................ |  | 3873-1B | 06/83 | 109.6 | 114.5 | 113.4 | 4.4 | -1.0 |
| Clocks w/watch movements/modules or w/clock movements/modules less than 1.77 inches wide $\qquad$ |  | 3873-141 | 06/83 | 101.3 | ${ }^{(3)}$ | $\left.{ }^{3}\right)$ | (3) | ${ }^{(3)}$ |
| Clocks ex. those w/watch movements or modules \& clock movements or modules less than 1.77" wide $\qquad$ |  | 3873-144 | 06/83 | 109.7 | 114.7 | 113.6 | 4.6 | -1.0 |
| Household wall clocks, except alarm and chime \& strike ............. |  | 3873-14443 | 06/83 | 115.1 | 123.1 | 123.1 | 8.6 | 0 |
| All other household clocks, except alarm but including chime \& strike, desk, mantel,etc. $\qquad$ |  | 3873-14445 | 07/83 | 116.0 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{3}$ ) | $\left({ }^{3}\right)$ |
| Timing mechanisms, not for timepiece use, excluding time recording and time stamping machines $\qquad$ |  | 3873-1C | 06/83 | 114.2 | 114.2 | 116.1 | 9.0 | 1.7 |
| All other timing mechanisms ........................................................................... |  | 3873-156 | 06/83 | 117.1 | 117.1 | 117.1 | . 3 | 0 |
| Watches with imported movements or modules ......................................... |  | 3873-4 | 06/83 | 107.0 | 107.0 | 107.1 | -. 3 | . 1 |
| Watches without balance wheel and hairspring ................................ |  | 3873-4B | 06/83 | 109.4 | 109.4 | 109.5 | -. 9 | . 1 |
| Watches with movements other than solid state ..................... |  | 3873-422 | 06/83 | 99.2 | 99.2 | 100.6 | 1.4 | 1.4 |
| Watches w/domestic movement or module, watch movements, clockcases \& parts for clocks \& watches $\qquad$ |  | 3873-5 | 06/83 | 99.7 | 99.6 | 99.6 | -. 1 | 0 |
| Secondary products and miscellaneous receipts ................................. |  | 3873-SM |  |  |  |  |  |  |
| Miscellaneous receipts ....................................................................... |  | 3873-M | 06/83 | 121.9 | 121.9 | 121.9 | 6.1 | 0 |
| Resales ......................................................... |  | 3873-289 | 06/83 | 121.9 | 121.9 | 121.9 | 6.1 | 0 |
| Miscellaneous manufacturing industries ........................................ | 39 |  | 12/85 | 110.9 | 111.8 | 112.1 | 3.9 | . 3 |
| Jewelry, silverware, and plated ware ............................................................... | 391 |  | 12/85 | 113.8 | 114.8 | 115.8 | 2.5 | . 9 |
| Jewelry, precious metal ............................................................................ | 3911 |  | 12/85 | 114.3 | 114.8 | 115.5 | 1.0 | . 6 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected Industries and their products-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{Industry and product \({ }^{1}\)} \& \multirow[t]{2}{*}{Industry code} \& \multirow[t]{2}{*}{Product code} \& \multirow[t]{2}{*}{Index base} \& \multicolumn{3}{|c|}{Index} \& \multicolumn{2}{|l|}{Unadjusted percent change to July 1989 from -} \\
\hline \& \& \& \& \[
\begin{gathered}
\text { Mar. } \\
1989^{2}
\end{gathered}
\] \& \[
\begin{array}{r}
\text { June } \\
1989^{2}
\end{array}
\] \& \[
\begin{gathered}
\text { July } \\
1989^{2}
\end{gathered}
\] \& July 1988 \& June 1989 \\
\hline Games, toys, and children's vehicles, except dolls and bicycles-Continued \& \multirow{38}{*}{3949} \& \multirow[b]{6}{*}{\[
\begin{aligned}
\& 3944-433 \\
\& 3944-435 \\
\& 3944-437 \\
\& 3944-443 \\
\& 3944-498
\end{aligned}
\]} \& \& \multirow[b]{2}{*}{118.3} \& \multirow[b]{2}{*}{118.7} \& \multirow[b]{2}{*}{119.6} \& \multirow[b]{2}{*}{3.6} \& \multirow[b]{2}{*}{0.8} \\
\hline Pre-school toys, n.e.c., excluding infant toys ...................................... \& \& \& 06/85 \& \& \& \& \& \\
\hline Pre-school playsets ............................................. \& \& \& 06/85 \& 118.0 \& 118.0 \& 118.0 \& 6.1 \& 0 \\
\hline Toy guns, gun sets, and rifles ................................................ \& \& \& 06/85 \& 109.1 \& 111.1 \& 111.9 \& 4.1 \& \multirow[t]{2}{*}{. 7} \\
\hline Housekeeping and cooking toys, including tea sets and play tools ....... \& \& \& 06/85 \& 117.2 \& 117.2 \& 117.2 \& \multirow[t]{2}{*}{5.0
6.0} \& \\
\hline Other toys not listed above ........................................................... \& \& \& 06/85 \& 112.3 \& 112.3 \& 112.5 \& \& 2 \\
\hline Hobbies, models: crafts and stru. kits, sets, \& individual units; scientific equip., kit or set \& \& 3944-5 \& 06/85 \& \& \[
118.3
\] \& \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 5.5 \\
\& 8.5
\end{aligned}
\]} \& \multirow[t]{2}{*}{0
0} \\
\hline Operating models ......................................................................... \& \& 3944-512 \& 06/85 \& 131.9 \& 131.9 \& 131.9 \& \& \\
\hline Operating cars, boats, planes, and other models in individual units, kits, and sets \(\qquad\) \& \& 3944-51213 \& \[
06 / 85
\] \& 131.9 \& 131.9 \& 131.9 \& 8.5 \& 0 \\
\hline Crafts: kits and supplies individually packaged or in bulk, excluding glass beads \(\qquad\) \& \& 3944-523 \& 06/85 \& 110.6 \& 111.1 \& 111.1 \& 3.0 \& 0 \\
\hline Secondary products and miscellaneous receipts ...................................... \& \& 3944-SM \& \& \& \& \& \& \\
\hline Secondary products ............................................................................ \& \& 3944-S \& 06/85 \& 105.3 \& 105.3 \& 106.7 \& 3.5 \& 1.3 \\
\hline Other secondary products ............................................................... \& \& 3944-SSS \& 06/85 \& 104.5 \& 104.5 \& 104.5 \& 3.8 \& 0 \\
\hline Sporting and athletic goods, n.e.c. ............................................................... \& \& \& 12/85 \& 110.0 \& 110.5 \& 110.5 \& 3.2 \& 0 \\
\hline Primary products ........................................................................ \& \& 3949-P \& 12/85 \& 110.0 \& 110.5 \& 110.5 \& 3.4 \& 0 \\
\hline Fishing tackle and equipment ...................................................... \& \& 3949-1 \& 12/85 \& 107.0 \& 107.0 \& 107.0 \& -. 2 \& 0 \\
\hline Fishing tackle ........................................................................ \& \& 3949-11 \& 12/85 \& 108.3 \& 108.3 \& 108.3 \& 1.8 \& 0 \\
\hline Fishing reels ....................................................................... \& \& 3949-115 \& 12/85 \& 111.8 \& 111.8 \& 111.8 \& 3.3 \& 0 \\
\hline Fishing equipment ...................................................................................... \& \& 3949-12 \& 12/85 \& 106.0 \& 106.0 \& 106.0 \& -1.7 \& 0 \\
\hline Casting plugs, spinners, and spoons; flies, lures, and similar artificial baits \(\qquad\) \& \& 3949-124 \& \multirow[t]{2}{*}{12/85} \& 96.8 \& 96.8 \& \({ }^{(3)}\) \& \(\left({ }^{3}\right)\) \& (3) \\
\hline Other fishing equipment, including creels, fish and bait buckets, floats, sinkers \(\qquad\) \& \& 3949-128 \& \& 117.0 \& 117.0 \& 117.0 \& 3.1 \& . 0 \\
\hline Golf equipment ............................................................................... \& \& 3949-2 \& 12/85 \& 110.7 \& 110.8 \& 110.9 \& 2.9 \& . 1 \\
\hline Golf balls .................................................................................... \& \& 3949-231 \& 12/85 \& 102.4 \& 103.3 \& 103.6 \& . 2 \& . 3 \\
\hline Golf clubs ..................................................................................... \& \& 3949-242 \& 12/85 \& 110.2 \& 109.9 \& 110.0 \& 3.0 \& . 1 \\
\hline Irons. \& \& 3949-24241 \& 12/85 \& 108.7 \& 109.0 \& 109.0 \& 1.5 \& 0 \\
\hline Woods. \& \& 3949-24245 \& 12/85 \& 113.0 \& 111.6 \& 111.9 \& 6.0 \& . 3 \\
\hline Golf bags \& \& 3949-257 \& 12/85 \& 103.6 \& 103.6 \& 103.6 \& . 9 \& 0 \\
\hline Playground, gymnasium, and gymnastic equipment ................................. \& \& 3949-4 \& 12/85 \& 108.3 \& 111.7 \& 111.8 \& 7.2 \& . 1 \\
\hline Health, physical fitness, and exercising equipment, including barbells and dumbbells \(\qquad\) \& \& 3949-467 \& 12/85 \& 100.4 \& 106.0 \& 106.0 \& 7.7 \& 0 \\
\hline Other sporting and athletic goods ....................................................... \& \& 3949-5 \& 12/85 \& 111.0 \& 110.9 \& 110.9 \& 3.5 \& 0 \\
\hline Bowling alleys and supplies ............................................................ \& \& 3949-522 \& 12/85 \& 110.0 \& 110.0 \& 110.0 \& 5.1 \& 0 \\
\hline Undenwater sports and skin diving equipment, such as aqualungs, face masks, fins \(\qquad\) \& \& 3949-577 \& 12/85 \& 127.7 \& 128.1 \& 128.1 \& \({ }^{(3)}\) \& 0 \\
\hline Lawn tennis equipment ................................................................. \& \& 3949-581 \& 12/85 \& 104.2 \& \multirow[t]{2}{*}{104.2} \& 104.2 \& \multirow[t]{2}{*}{-1.3} \& 0 \\
\hline Other sporting and athletic goods, including table tennis, water skiing, skeet, badminton \& \& 3949-598 \& \multirow[t]{2}{*}{12/85} \& \multirow[t]{2}{*}{120.4} \& \& \multirow[t]{2}{*}{120.1} \& \& \multirow[t]{2}{*}{-. 2} \\
\hline Secondary products and miscellaneous receipts \& \& 3949-SM \& \& \& 120.3 \& \& 3.0 \& \\
\hline Miscellaneous receipts \& \& 3949-M \& 12/85 \& 109.5 \& 110.2 \& 110.1 \& -. 2 \& -. 1 \\
\hline Resales ...................................................................................... \& \& 3949-Z89 \& 12/85 \& 109.5 \& 110.2 \& 110.1 \& -. 2 \& -. 1 \\
\hline Secondary products .......................................................................... \& \& \multirow[t]{3}{*}{3949-S} \& 12/85 \& 110.9 \& 111.6 \& 112.5 \& 9.3 \& . 8 \\
\hline Pens, pencils, and other office and artists' materials ..................................... \& 395 \& \& 12/85 \& 110.0 \& 109.6 \& 110.7 \& 3.5 \& 1.0 \\
\hline Pens, mechanical pencils, and parts . \& \multirow[t]{11}{*}{3951} \& \& \multirow[t]{2}{*}{12/85} \& 110.0 \& 107.5 \& 111.0 \& 4.5 \& 3.3 \\
\hline Primary products ....................... \& \& 3951-P \& \& 110.7 \& 109.1 \& 110.1 \& 2.6 \& \multirow[t]{2}{*}{.9
1.2} \\
\hline Ball point pens, complete, including roller pens .................................... \& \& 3951-2 \& 12/85 \& 112.4 \& 110.8 \& 112.1 \& 4.2 \& \\
\hline Refillable ..................................................................................... \& \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 3951-212 \\
\& 3951-214
\end{aligned}
\]} \& 12/85 \& 115.0 \& 114.3 \& 114.3 \& \multirow[t]{2}{*}{\[
3.9
\]} \& 0 \\
\hline Non-refillable \& \& \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 12 / 85 \\
\& 12 / 85
\end{aligned}
\]} \& \multirow[t]{2}{*}{107.1
101.2} \& \multirow[t]{2}{*}{103.3
101.2} \& 107.4 \& \& \multirow[t]{2}{*}{4.0} \\
\hline Soft-tip pens (fine point marker) ........................................................ \& \& \[
\begin{aligned}
\& 3951-214 \\
\& 3951-3
\end{aligned}
\] \& \& \& \& 101.2 \& 4.8
0 \& \\
\hline Pen and mechanical pencil parts \& refill cartridges ............................... \& \& \multicolumn{2}{|l|}{\multirow[t]{2}{*}{\begin{tabular}{l|l}
\(3951-7\) \& \(12 / 85\) \\
\(3951-717\) \& \(12 / 85\)
\end{tabular}}} \& \multirow[t]{2}{*}{106.2
102.8} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 106.2 \\
\& 102.8
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{gathered}
108.3 \\
\left({ }^{3}\right)
\end{gathered}
\]} \& \multirow[t]{2}{*}{\[
\begin{gathered}
2.0 \\
\left({ }^{3}\right)
\end{gathered}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 2.0 \\
\& \left.{ }^{3}{ }^{3}\right)
\end{aligned}
\]} \\
\hline Refill ink cartridges for ball point pens ............................................. \& \& \& \& \& \& \& \& \\
\hline Secondary products and miscellaneous receipts ............................................ \& \& \multicolumn{7}{|l|}{} \\
\hline Miscellaneous receipts .................................................................................... \& \& \multirow[b]{2}{*}{3951-S} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 12 / 85 \\
\& 12 / 85
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 121.7 \\
\& 100.8
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{array}{r}
121.7 \\
91.5
\end{array}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 121.7 \\
\& 111.0
\end{aligned}
\]} \& \multirow[t]{2}{*}{5.1
15.7} \& \multirow[t]{2}{*}{21.3} \\
\hline Secondary products ........................................................................... \& \& \& \& \& \& \& \& \\
\hline \& \multirow[t]{11}{*}{3952} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{12/85} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 112.1 \\
\& 111.3
\end{aligned}
\]} \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 111.9 \\
\& 111.0
\end{aligned}
\]} \& 112.0 \& \multirow[t]{2}{*}{4.0
3.8} \& . 1 \\
\hline Primary products \& \& \& \& \& \& 111.1 \& \& . 1 \\
\hline Wood-cased pencils, crayons, and chalk ............................................ \& \& \[
\begin{aligned}
\& 3952-P \\
\& 3952-1
\end{aligned}
\] \& \multirow[t]{2}{*}{\[
\begin{aligned}
\& 12 / 85 \\
\& 12 / 85
\end{aligned}
\]} \& \[
\begin{aligned}
\& 111.3 \\
\& 101.9
\end{aligned}
\] \& \[
\begin{aligned}
\& 111.0 \\
\& 100.3
\end{aligned}
\] \& \multirow[t]{2}{*}{100.3

3} \& \multirow[t]{2}{*}{$3^{3}{ }^{6}$} \& 0 <br>

\hline Pencils ........................................................................................ \& \& \multirow[t]{4}{*}{$$
\begin{aligned}
& 3952-111 \\
& 3952-11111 \\
& 3952-113 \\
& 3952-2
\end{aligned}
$$} \& \& 100.3 \& 98.5 \& \& \& $\left({ }^{3}\right)$ <br>

\hline Black graphite pencils ................................................................ \& \& \& \multirow[t]{2}{*}{$$
\begin{aligned}
& 12 / 85 \\
& 12 / 85
\end{aligned}
$$} \& \multirow[t]{2}{*}{98.8

117.8} \& \multirow[t]{2}{*}{97.0
117.8} \& ${\stackrel{(3)}{ }{ }^{3} \text { ) }}^{11780}$ \& (3) \& $(3)^{3}$ <br>

\hline Crayons and chalk, except artists' ................................................... \& \& \& \& \& \& 117.8 \& \multicolumn{2}{|l|}{\multirow[t]{2}{*}{| 5.3 | 0 |
| :--- | :--- |
| 5.2 | .2 |}} <br>

\hline Artists' equipment and supplies ........................................................... \& \& \& 12/85 \& 115.7 \& 116.0 \& 116.2 \& \& <br>
\hline Artists' equipment, including airbrushes, drawing tables and other equipment \& \& 3952-211 \& 12/85 \& 116.7 \& 116.4 \& 116.8 \& 5.5 \& 3 <br>
\hline Other art materials, including modeling clay, chalk and water colors .... \& \& 3952-213 \& 12/85 \& 114.3 \& 115.5 \& 115.5 \& 4.8 \& 0 <br>
\hline Secondary products and miscellaneous receipts \& \& 3952-SM \& \& \& \& \& \& <br>
\hline Secondary products \& \& 3952-S \& 12/85 \& 117.1 \& 117.1 \& 117.1 \& 6.7 \& 0 <br>
\hline Marking devices ....................................................................................... \& \multirow[t]{5}{*}{3953} \& \& 12/85 \& 109.8 \& 110.5 \& 109.9 \& 3.6 \& -. 5 <br>

\hline Primary products ............................................................................... \& \& \multirow[t]{4}{*}{$$
\begin{aligned}
& 3953-P \\
& 3953-1 \\
& 3953-113 \\
& 3953-2
\end{aligned}
$$} \& \multirow[t]{4}{*}{\[

$$
\begin{array}{|l|}
12 / 85 \\
12 / 85 \\
12 / 85 \\
12 / 85 \\
\hline
\end{array}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{array}{r}
111.6 \\
115.3 \\
111.2 \\
116.5
\end{array}
$$

\]} \& \multirow[t]{4}{*}{\[

$$
\begin{array}{r}
112.4 \\
115.3 \\
111.2 \\
120.0 \\
\hline
\end{array}
$$
\]} \& 111.5 \& 3.9 \& -. 8 <br>

\hline Rubber and vinyl stamps .................................................................. \& \& \& \& \& \& $$
115.3
$$ \& 2.9 \& 0 <br>

\hline Hand stamps \& \& \& \& \& \& $$
111.2
$$ \& 2.3 \& 0 <br>

\hline Mechanical hand stamps .................................................................. \& \& \& \& \& \& $$
119.9
$$ \& 8.4 \& -. 1 <br>

\hline
\end{tabular}

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { June } \\ 1989^{2} \end{gathered}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Marking devices--Continued Selfinkers, Including daters | 3955 |  | 12/85 | 119.1 | 123.2 | 123.1 | 14.8 | -0.10 |
|  |  | 3953-223 |  |  |  |  |  |  |
| Tlme and numbering stamps.. |  | 3953-225 | 12/85 | 110.9 | 115.5 | 115.5 | 4.1 |  |
| Embossing seals ............................ |  | 3953-3 | 12/85 | 121.0 | 121.0 | 108.1 | 1.8 | -10.7$(3)$ |
| Notary ................................................................ |  | 3953-313 | 12/85 | 129.4 | ${ }^{(3)}$ | 104.8 | -1.7 |  |
| Metal hand stamps .......................................................... |  | 3953-4 | 12/85 | 112.3 | 114.8 | 114.8 | 5.8 | 0 |
| Steel embossing and incising heads and dies .................................... |  | 3953-435 | 12/85 | 119.7 | 128.6 | 128.6 | 21.0 | 0 |
| Other marking devices ...................................................................... |  | 3953-5 | 12/85 | 104.6 | 104.4 | 103.3 | 2.3 | -1.1 |
| Other marking devices, n.e.c. ............................................................. |  | 3953-598 | 12/85 | 108.3 | 108.0 | 106.9 | 2.3 | -1.0 |
| Secondary products and miscellaneous receipts .................................... |  | 3953-SM $3953-\mathrm{S}$ | $12 / 85$ | 109.3 | 110.2 | 110.2 | 4.7 | 0 |
| Secondary products ................................................................................ |  | 3953-S |  |  |  |  |  |  |
| Carbon paper and inked ribbons |  |  | 12/85 | 106.3 | 107.1 | 108.5 | 2.1 | 1.3 |
| Primary products ............................................................... |  | 3955-P | 12/85 | 106.7 | 107.4 | 108.9 | 2.1 | 1.4 |
| Inked ribbons ....................................................................... |  | 3955-1 | 12/85 | 99.6 | 100.0 | 100.0 | 0 | 0 |
| Typewriter film ribbons ....................................................................... |  | 3955-114 | 12/85 | 85.8 | 87.6 | 87.6 | 0 | 0 |
| Computer ribbons .................................................................. |  | 3955-117 | 12/85 | 97.2 | 97.2 | 97.2 | . 9 | 0 |
| Other inked ribbons ........................................................................... |  | 3955-119 | 12/85 | 112.9 | 113.9 | 113.9 | -. 3 | 0 |
| Carbon and stencil paper .................................................................... |  | 3955-2 | 12/85 | 113.8 | 114.9 | 117.9 | 4.0 | 2.6 |
| Coated carbon paper, one time .................................................................. |  | 3955-231 | 12/85 | 113.4 | 113.4 | 117.1 | 3.7 | 3.3 |
| Costume jewelry, costume novelties, buttons, and miscellaneous notions $\qquad$ | 396 |  | 12/85 | 106.4 | 107.4 | 107.2 | 4.0 | -. 2 |
| Costume jewerry and costume novelties, except precious metal | 3961 | 3961-P | 06/85 | 109.6 | 110.4 | 110.4 | 4.4 | . 0 |
| Primary products ....................................................... |  |  | 06/85 | 107.5 | 108.4 | 108.4 | 4.9 | 0 |
| Costume jewelry and costume novelties made of base metal, whether electroplated or not $\qquad$ |  | $3961-1$ | 06/85 | 108.2 | 109.3 | 109.3 | 5.8 | 0 |
| Men's jewelry, excluding watch attachments and rings ....................... |  | 3961-112 | 06/85 | 122.9 | 128.6 | 128.6 | 22.7 | 0 |
| Women's and children's jewelry and novelties, excluding watch attachments and rings $\qquad$ |  | 3961-113 | 06/85 | 105.9 | 106.6 | 106.5 | 3.4 | -. 1 |
| Secondary products and miscellaneous receipts $\qquad$ Secondary products $\qquad$ |  | 3961-SM$3961-S$ | 06/85 | 120.0 | 120.0 | 120.0 | 1.7 | 0 |
| Artificial flowers | 3962 |  | 12/85 | 105.8 | 106.4 | 106.6 | 3.3 | . 2 |
| Primary products ................. |  | 3962-P | 12/85 | 106.4 | 107.1 | 107.3 | 3.8 | . 2 |
| Artificial flowers, feathers and plumes .................... |  | 3962-2 | 12/85 | 102.4 | 103.4 | 103.8 | 3.8 | 4 |
| Artificial and preserved flowers and plants .................................... |  | 3962-221 | 12/85 | 104.2 | 105.6 | 106.0 | 2.2 | 4 |
| Plastic type .......................................... |  | 3962-22115 | 12/85 | 106.8 | 107.5 | 108.8 | 2.0 | 1.2 |
| Other materials ............................................ |  | 3962-22117 | 12/85 | 102.3 | 104.2 | 103.9 | 2.5 | -. 3 |
| Secondary products and miscellaneous receipts ............................................ |  | $\begin{aligned} & 3962-S M \\ & 3962-S \end{aligned}$ | 12/85 | 102.0 | $\left.{ }^{3}\right)$ | 102.7 | . 7 | (3) |
| Secondary products ...................................................................... |  |  |  |  |  |  |  |  |
| Buttons | 3963 | 3963-P | 12/85 | 111.8 | 117.1 | 114.8 | 6.9 | -2.0 |
| Primary products ...................................................................... |  |  | 12/85 | 109.6 | 113.3 | 111.3 | 5.5 | -1.8 |
| Buttons and parts, except for precious or semiprecious metals and stones |  | 3963-1 | 12/85 | 109.6 | 113.3 | 111.3 | 5.5 | -1.8 |
| Plastic ...................................................................................... |  | 3963-131 | 12/85 | 107.0 | 107.7 | 107.7 | 3.5 | 0 |
| Polyester .................................................................................. |  | 3963-13141 | 12/85 | 109.1 | 110.0 | 110.0 | 4.4 | 0 |
| Other buttons, fabric covered, wood, bone and hoof, vegetable, ivory, leather, peart or shell $\qquad$ |  | $3963-198$ $3963-S M$ | 12/85 | 128.8 | 128.8 | 131.1 | 14.4 | 1.8 |
| Secondary products and miscellaneous receipts .................................... |  | 3963-SM |  |  |  |  |  |  |
| Needles, pins, and fasteners .............................................................................. | 3964 | 3964-P | 12/85 | 108.3 | 109.0 | 108.8 | 3.2 | -. 2 |
| Primary products .................................................................................. |  |  | 12/85 | 108.4110.9 | 109.1111.5 | 108.9111.1 | 2.93.1 | -. 2 |
| Zippers and slide fasteners ................................................................. |  | ${ }^{3964-1}$ | 12/85 |  |  |  |  |  |
| Plastic zippers and slide fasteners ......................................... |  |  | 12/85 | 103.9 | 111.5 103.8 1 | 111.1 103.6 | 3.1 .4 | -.2-2.4 |
| Other plastics ................................................................................... |  | 3964-11118 | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | 115.0 | 113.6117.5 | 110.9117.0 | 1.1 |  |
| Metal zippers and slide fasteners ............................................................. |  | 3964-121 |  | 116.3 |  |  | 4.9 | -.4-1.1 |
| Brass ........................................................................................ |  |  | $12 / 85$$12 / 85$ | 106.4 | 106.9 | 105.7106.3 | 5.9 |  |
| Needles, pins, fasteners, and similar notions ................................................... |  | $3964-12118$ $3964-2$ |  | 105.5 | ${ }^{106.4}{ }^{(3)}$ |  | 2.9${ }^{3} 9$ | - ${ }^{-1}$ |
| Snap fasteners .......................................................................... |  | 3964-211 <br> 3964-21118 | 12/85 | 101.1 |  | 106.3 $(3)$ |  | (3) ${ }^{(3)}$ |
| Other snap fasteners: 4-part, riveted, etc. ...................................... |  |  | $12 / 85$$12 / 85$ | 101.1 | $\stackrel{3}{3}_{121.2}$ | (3) | $\stackrel{3}{3}^{3}$ |  |
| Buckles ................................................................................................. |  | $\begin{aligned} & 3964-21118 \\ & 3964-221 \\ & 3964-22117 \end{aligned}$ |  | 117.5 |  | 120.7 | 7.0 | ${ }^{(3)}$ |
| Metal buckles for wearing apparel, Incl. fabric covered ..................... |  |  | 12/85 | 119.0 | 122.8 | 122.6 | 7.1 | - 2 |
| Other fasteners and apparel trimming, incl. tape fasteners .................. |  | 3964-231 3964-SM 3964-S | $\begin{aligned} & 12 / 85 \\ & 12 / 85 \end{aligned}$ | 108.1 | 109.0 | 109.0 | 3.4 | 0 |
| Secondary products and miscellaneous receipts ............................................ |  |  |  |  |  |  |  |  |
| Secondary products ...................................................................................... |  |  |  | 108.6 | 109.3 | 109.3 | 5.1 | 0 |
| Miscellaneous manufacturing industries .............................................................. | 399 | 3964 -S | 12/85 | 110.4 | 111.8 | 111.9 | 4.2 | . 1 |
| Brooms and brushes ................................................................................ | 3991 | $\begin{aligned} & 3991-\mathrm{P} \\ & 3991-1 \\ & 3991-111 \\ & 3991-112 \\ & 3991-2 \\ & 3991-211 \\ & 3991-21115 \\ & 3991-21116 \end{aligned}$ |  | 107.0 | 109.5 | 109.8 | 4.0 | 3 |
| Primary products ............................................................................. |  |  | 12/85 | 109.2 | 110.4 | 110.8 | 3.9 | 4 |
| Brooms .................................................................................... |  |  | 12/85 | 105.9 | 107.8 | 108.4 | 4.2 | . 6 |
| Household floor brooms ............................................................. |  |  | 12/85 | 105.3 | 109.1 | 108.4 | 6.7 | -. 6 |
| Other brooms (industrial, whisk, toy, hearth, street, stable, etc.) ......... |  |  | 12/85 | 106.4 | 106.7 | 108.5 | 2.6 | . 7 |
| Paint and varnish brushes and rollers ................................................ |  |  | 12/85 | 109.6 | 111.3 | 111.3 | 4.3 | 0 |
| Whitewash, kalsomine, paperhanging, marking, and stenciling brushes |  |  | 12/85 | 111.4 | 112.7 | 112.7 | 5.2 | 0 |
| Pure bristle ............................................................................ |  |  | 12/85 | 105.7 | 109.4 | 109.4 | 2.8 | 0 |
| Synthetic bristle and other materials, including mixtures ................... |  |  | 12/85 | 114.4 | 114.4 | 114.4 | 6.4 | 0 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued


See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Railroads, line haul operations-Continued | 43 |  |  |  |  |  |  |  |
| Potassium or sodium inorganic compounds ...................................... |  | 4011-A81 | 12/84 | 108.1 | 109.2 | 109.5 | 3.0 | 0.3 |
| Petroleum or coal products ............................................................... |  | 4011-A9 | 12/84 | 104.3 | 107.7 | 107.6 | . 7 | -. 1 |
| Clay, concrete, glass, or stone products ............................................ |  | 4011-B1 | 12/84 | 109.3 | 110.9 | 110.8 | 2.7 | -. 1 |
| Primary metal products |  | 4011-B2 | 12/84 | 111.8 | 112.1 | 112.4 | 2.1 | . 3 |
| Primary iron or steel products ......................................................... |  | 4011-B21 | 12/84 | 107.2 | 107.4 | 107.9 | 1.2 | . 5 |
| Transportation equipment .......................................................................... |  | 4011-B3 | 12/84 | 105.8 | 106.3 | 106.4 | 2.5 | . 1 |
| Motor vehicles ........................................................................................... |  | 4011-B31 | 12/84 | 109.6 | 109.5 | 109.9 | 3.0 | . 4 |
| Motor vehicle parts or accessories .................................................. |  | 4011-B32 | 12/84 | 108.2 | 108.2 | 108.2 | 1.7 | 0 |
| Waste or scrap materials |  | 4011-B4 | 12/84 | 105.8 | 107.2 | 107.2 | 1.3 | 0 |
| Shipper assn or similar traffic ......................................................................... |  | 4011-B5 | 12/84 | 100.2 | 100.7 | 100.5 | . 3 | - 2 |
| Miscellaneous mixed shipments ............................................................ |  | 4011-B6 | 12/84 | 100.9 | 101.3 | 101.3 | . 3 | 0 |
| United States Postal Service ................................................................................ |  |  | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| United States Postal Service ................................................................................ | 4311 |  | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Primary services ..................................................................................... |  | 4311-P | 06/89 | 100.0 | 100.0 | 100.0 | ( ${ }^{(1)}$ | 0 |
| First class mail .............................................................................. |  | 4311-1 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Letter mail ................................................................................. |  | 4311-111 | 06/89 | 100.0 | 100.0 | 100.0 | $\left({ }^{3}\right)$ | 0 |
| Post cards. |  | 4311-112 | 06/89 | 100.0 | 100.0 | 100.0 | $(3)$ | 0 |
| Priority mail ................................................................................. |  | 4311-113 | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Second class mail ............................................................................................................. |  | 4311-2 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| In county mail .............................................................................. |  | 4311-211 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Regular rate mail |  | 4311-212 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Nonprofit rate mail ...................................................................... |  | 4311-213 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Classroom rate mail ...................................................................... |  | 4311-214 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Third class mail ............................................................................... |  | 4311-3 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| Single piece mail ........................................................................... |  | 4311-311 | 06/89 | 100.0 | 100.0 | 100.0 | (9) | 0 |
| Regular bulk mail .................................................................................. |  | 4311-312 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Nonprofit bulk mail .................................................................... |  | 4311-313 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Fourth class mail ............................................................................. |  | 4311-4 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{3}$ ) | . 0 |
| Parcel post ................................................................................. |  | 4311-411 | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Bound printed matter .................................................................... |  | 4311-412 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{3}$ | 0 |
| Special rate mail ........................................................................... |  | 4311-413 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Library rate mail ............................................................................ |  | 4311.414 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| International mail .............................................................................. |  | 4311-5 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| International air mail |  | 4311-511 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(3)}$ | 0 |
| International surface mail .............................................................. |  | 4311-512 | 06/89 | 100.0 | 100.0 | 100.0 | ${ }^{(2)}$ | 0 |
| Terminal dues and transit fees ........................................................ |  | $4311-513$ | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Special services and fees ................................................................. |  | 4311-6 | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Special services ........................................................................... |  | 4311-611 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Domestic mail fees |  | 4311-612 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Other services and fees ................................................................. |  | $4311-613$ | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Express mail .................................................................................... |  | 4311-912 | 06/89 | 100.0 | 100.0 | 100.0 | $\left.{ }^{3}\right)$ | 0 |
| Mailgram sevice ............................................................................... |  | 4311-913 | 06/89 | 100.0 | 100.0 | 100.0 | (3) | 0 |
| Deep sea foreign transportation of freight | 4412 |  | 06/88 | 106.7 | 104.7 | 108.2 | 3.8 | 3.3 |
| Primary services |  | 4412-P | 06/88 | 107.0 | 105.6 | 108.2 | 3.4 | 2.5 |
| Inbound liner |  | 4412-1 | 06/88 | 95.9 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ | (3) |
| Outbound liner |  | 4412-2 | 06/88 | 115.4 | ${ }^{(3)}$ | (3) | (3) | (3) |
| Domestic deep sea transportation ............................................................... | 4424 |  | 06/88 | 101.8 | 101.7 | 99.1 | -2.9 | -2.6 |
| Primary services ................................................................................. |  | 4424-P | 06/88 | 101.8 | 101.7 | 99.1 | -2.9 | -2.6 |
| Noncontiguous area transportation .................................................... |  | 4424-1 | 06/88 | 101.2 | 102.6 | 97.0 | -4.8 | -5.5 |
| Crude petroleum ...................................................................... |  | 4424-121 | 06/88 | 101.6 | 103.3 | 96.2 | -6.1 | -6.9 |
| Other noncontiguous area transportation .......................................... |  | 4424-151 | 06/88 | 99.6 | 100.1 | 100.1 | . 1 | 0 |
| Coastwise transportation .................................................................. |  | 4424-2 | 06/88 | 103.0 | 101.3 | 102.3 | 0 | 1.0 |
| Refined petroleum products ...................................................................... |  | 4424-241 | 06/88 | 105.2 | 103.0 | 104.4 | 1.0 | 1.4 |
| Other coastwise transportation ................................................................ |  | 4424-251 | 06/88 | 97.6 | 97.4 | 97.2 | -2.5 | -. 2 |
|  |  |  |  |  |  |  |  |  |
| Scheduled air cargo transportation |  | 4511-1 | 12/87 | 102.2 | 99.6 | 97.9 | -3.7 | -1.7 |
| Property ...................................................................................... |  | 4511-111 | 12/87 | 104.5 | 103.6 | 101.3 | -2.0 | -2.2 |
| Freight ............................... |  | 4511-11101 | 12/87 | 104.2 | 102.9 | 100.7 | -2.2 | -2.1 |
| Express ........................................................................................ |  | 4511-11102 | 12/87 | 109.0 | 115.8 | 112.4 | 2.4 | -2.9 |
| Mail ......................................................................................................... |  | 4511-112 | 12/87 | 95.5 | 88.3 | 88.4 | -9.0 | . 1 |
| Air courier services $\qquad$ <br> Air courier services $\qquad$ |  | $\begin{aligned} & 4511-3 \\ & 4511-311 \end{aligned}$ | 12/87 | 96.9 | 99.0 | 99.0 | -. 8 | 0 |
| Pipe lines, except natural gas .................................................................... | 46 |  | 12/86 | 94.5 | 94.4 | 94.4 | -. 4 | 0 |
| Crude petroleum pipe lines ............................................................................... | 4612 |  | 06/86 | 92.3 | 92.3 | 92.3 | -. 4 | 0 |
| Trans Alaskan pipe lines |  |  | 06/86 | 85.9 | 85.9 | 85.9 | -. 7 | 0 |
| Non-Trans Alaskan pipe lines ................................................................................ |  | 4612-121 | 06/86 | 100.0 | 100.0 | 100.0 | 0 | 0 |
| Refined petroleum pipe lines ....................................................................... | 4613 |  | 06/86 | 100.8 | 100.4 | 100.4 | -. 4 | 0 |
| Radio broadcasting ................................................................................. | 4832 |  | 06/88 | 101.7 | 105.1 | 105.6 | 5.9 | . 5 |
| Primary services ................................................................................. |  | 4832-P | 06/88 | 101.7 | 105.1 | 105.6 | 5.9 | . 5 |
| Local station commercial advertising .................................................. |  | 4832-1 | 06/88 | 102.9 | 106.2 | 106.7 | 6.0 | . 5 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product' | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{array}{r} \text { Mar. } \\ 1989^{2} \end{array}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Radio broadcasting-Continued | 5093 | 4832-101$4832-10111$$4832-10112$$4832-1113$$4832-10114$$4832-103$$4832-2$$4832-3$ |  | 103.3 | 107.2 | 108.5 | 7.9 | 1.2 |
| Commercials sold by daypart |  |  | 06/88 |  |  |  |  |  |
| Morning drive ..................... |  |  | 06/88 | 101.3 | 103.1 | 103.1 | 2.6 | 04.1 |
| Midday ........... |  |  | 06/88 | 107.0 | 115.5 | 120.2 | 19.2 |  |
| Afternoon drive .................................................................... |  |  | 06/88 | 101.9 | 103.4 | 103.0 | 2.5 | 4.1 -.4 |
| Evening ................................................................................... |  |  | 06/88 | 103.0 | 106.5 | 106.4 | 5.8 | -. 1 |
| Commercials sold in package plans ................................................ |  |  | 06/88 | 102.0 | 104.3 | 103.7 | 2.8 | -. 6 |
| Other local station services ............................................................... |  |  | 06/88 | 101.8 | 102.2 | 102.2 | . 7 | 0 |
| Network sales ................................................................................. |  |  | 06/88 | 78.7 | $\left({ }^{3}\right)$ | 85.6 | 7.0 | ${ }^{(3)}$ |
| Scrap and waste materials ..................................................................................... |  | 5093 | 12/86 | 158.6 | 150.0 | 142.8 | -4.5 | -4.8 |
|  |  |  | 12/86 | 159.9 | 150.9 | 143.5 | -4.9 | -4.9 |
| Metal scrap .................................................................................... |  | $5093-A$ | 12/86 | 185.2 | 171.9 | 162.1 | -3.4 | $\begin{aligned} & -5.7 \\ & -5.5 \end{aligned}$ |
| Ferrous scrap ................................................................................. |  | $5093-1$ | 12/86 | 178.5 | 166.4 | 157.2 | -9.3 |  |
| Carbon steel scrap |  |  |  | 169.6 | 162.5 | 155.6 | -7.9 | -5.5 -4.2 |
| Heavy melting scrap |  | $5093-111$ | 12/86 | 156.8 | 156.9 | 151.6 | -6.5 | -3.4 |
| Heavy melting scrap - domestic shipments ............................ |  | $\begin{aligned} & 5093-111 \mathrm{D} \\ & 5093-11112 \end{aligned}$ | 12/86 | 158.8 | 158.2 | 153.0 | -6.2 | -3.3 |
| Northeast .......................................................................... |  |  | 12/86 | 164.8 |  | 165.1 162.3 | 9.3 | -1.7-4.4 |
| Chicago |  |  | 12/86 | 153.1 | 155.2 | 162.3 | $-9.1$ |  |
| Ohio and Lake Erie |  |  | 12/86 | 153.5 | $\left({ }^{3}\right)$ | (3) | (3) | -4.4 ${ }^{(3)}$ |
| South ............................................................................ |  | $\begin{aligned} & 5093-11114 \\ & 5093-11115 \end{aligned}$ | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | $\begin{aligned} & 166.8 \\ & 176.6 \end{aligned}$ | $\begin{aligned} & 168.6 \\ & 174.3 \end{aligned}$ | $\begin{aligned} & 162.7 \\ & 170.4 \end{aligned}$ | . 7 | -3.5 |
| West .............................................................................. |  | 5093-11116 |  |  |  |  | 4.2 | -2.2 |
| Bundies ............................................................................. |  | $\begin{aligned} & 5093-112 \\ & 5093-112 \mathrm{D} \end{aligned}$ | 12/86 | 161.0 | $\begin{aligned} & 174.3 \\ & 149.8 \end{aligned}$ | 142.3 | $\begin{aligned} & -12.3 \\ & -11.8 \end{aligned}$ | -5.0-5.0 |
| Bundles - domestic shipments ............................................. |  |  | 12/86 | 170.1 | 158.3 | 150.4 |  |  |
| Northeast ......................................................................... |  | $\begin{aligned} & 5093-112 D \\ & 5093-1+212 \end{aligned}$ | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | 165.7 | 160.0 | 166.7 | 3.3 | 4.2 |
| Chicago .............................................................................. |  | $\begin{aligned} & 5093-11213 \\ & 5093-11214 \end{aligned}$ |  | $\begin{aligned} & 154.9 \\ & 159.4 \end{aligned}$ | $\begin{aligned} & 145.0 \\ & 144.3 \end{aligned}$ | $\begin{aligned} & 136.8 \\ & 135.4 \end{aligned}$ | $\begin{aligned} & -17.0 \\ & -19.2 \end{aligned}$ | -5.7-6.2 |
| Ohio and Lake Erie ........................................................... |  |  | 12/86 |  |  |  |  |  |
| Shredded scrap ....................................................................... |  | 5093-113 | 12/86 | 146.2 | 152.7 | 145.3 | 4.2 | -4.8 |
| Shredded scrap - domestic shipments ..................................... |  | $\begin{aligned} & 5093-113 D \\ & 5093-11315 \end{aligned}$ | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | 136.0 | 139.5 | 135.4 | . 1 | -2.9 |
| South ................................................................................... |  |  |  | 150.0 | 158.6 | 158.4 | 9.4 | -. 1 |
| Cut plate and structural scrap .................................................. |  | 5093-114 | 12/86 | 159.1 | 154.6 | 147.0 | -7.1 | -4.9 |
| Cut plate and structural scrap - domestic shipments .................. |  | 5093-114D | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | 159.1 | 154.6 | 147.0 | -7.1 | -4.9 |
| Northeast ............................................................................ |  | 5093-11412 |  | $\begin{aligned} & 154.0 \\ & 154.9 \end{aligned}$ | 147.1 | 141.9 | -1.0 | -3.5 |
| South |  | 5093-11415 | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ |  | 149.1 | 143.6 | -10.1 | -3.7 |
| Other carbon steel scrap |  | 5093-115 | $\begin{aligned} & 12 / 86 \\ & 12 / 86 \end{aligned}$ | $\begin{aligned} & 154.9 \\ & 235.9 \end{aligned}$ | 209.4 | 201.9 | -10.4 | -3.6 |
| Other carbon steel scrap - domestic shipments .................... |  | 5093-115D |  | 202.4 | 185.8 | 179.1 | -10.7 | -3.6 |
| Stainless and alloy steel scrap |  | 5093-12 | 12/86 | 330.8 | ${ }^{(3)}$ | 200.4 | -26.5 | ${ }^{(3)}$ |
| Stainless and alloy steel scrap - domestic shipments |  | 5093-121D | 12/86 | 311.3 | (3) | 187.7 | -29.2 | $(3)$ |
| Cast iron scrap ......................................................................... |  | 5093-13 | 12/86 | 135.5 | 137.0 | 140.2 | 2.7 | 2.3 |
| Cast iron scrap - domestic shipments .................................... |  | 5093-131D | 12/86 | 137.9 | 139.4 | 142.7 | 2.7 | 2.4 |
| Northeast ......................................................................... |  | 5093-13112 | 12/86 | 124.6 | 124.7 | 124.7 | 3.5 | 0 |
| Chicago ........................................................................... |  | 5093-13113 | 12/86 | ${ }^{3}$ ) | ${ }^{3}$ ) | ${ }^{(3)}$ | $\left.{ }^{9}\right)$ | ${ }^{(3)}$ |
| Ohio and Lake Erie ........................................................... |  | 5093-13114 | 12/86 | 126.1 | 125.6 | $\left.{ }^{3}\right)$ | ${ }^{(3)}$ | ${ }^{(3)}$ |
| West ............................................................................... |  | 5093-13116 | 12/86 | 204.6 | 197.4 | 192.3 | 12.1 | -2.6 |
| Nonterrous scrap ......................................................................... |  | 5093-2 | 12/86 | 194.3 | 179.2 | 168.8 | 5.4 | -5.8 |
| Aluminum scrap ........................................................................... |  | 5093-21 | 12/86 | 189.6 | 176.1 | 164.1 | -13.3 | -6.8 |
| Aluminum scrap - domestic shipments ........................................ |  | 5093-21D | 12/86 | 186.9 | 171.6 | 158.6 | -14.0 | -7.6 |
| Aluminum scrap - new ........................................................... |  | 5093-211 | 12/86 | 177.1 | 165.1 | 154.2 | -12.3 | -6.6 |
| Solids and clippings .............................................................. |  | 5093-21111 | 12/86 | 172.5 | 159.9 | 147.4 | -13.0 | -7.8 |
| Aluminum scrap - old ............................................................. |  | 5093-212 | 12/86 | 199.4 | 179.7 | 164.3 | -15.7 | -8.6 |
| Used cans ..... |  | 5093-21211 | 12/86 | 205.8 | 185.5 | 168.1 | -15.8 | -9.4 |
| Other old scrap ..................................................................... |  | 5093-21212 | 12/86 | 186.5 | 168.2 | 156.7 | -15.7 | -6.8 |
| Aluminum scrap - exports ......................................................... |  | 5093-21E | 12/86 | 207.3 | 205.5 | 199.7 | -9.6 | -2.8 |
|  |  | 5093-22 | 12/86 | 200.4 | 181.0 | 170.0 | 7.6 | -6.1 |
| Copper and brass scrap - domestic shipments ............................ |  | 5093-22D | 12/86 | 198.4 | 178.9 | 167.8 | 7.4 | -6.2 |
| No. 1 heavy wire ................................................................... |  | 5093-221 | 12/86 | 191.8 | 174.3 | 165.0 | 4.8 | -5.3 |
| No. 2 wire, mixed ................................................................. |  | 5093-222 | 12/86 | 230.4 | 201.6 | 182.5 | 6.0 | -9.5 |
| Other copper and brass scrap ................................................ |  | 5093-224 | 12/86 | 186.7 | 164.8 | 155.6 | 11.5 | -5.6 |
| Copper and brass scrap - export shipments ................................ |  | 5093-22E | 12/86 | 220.5 | 201.6 | 192.1 | 9.3 | -4.7 |
| Lead scrap .............................................................................. |  | 5093-23 | 12/86 | 158.2 | 145.3 | 149.1 | 1.4 | 2.6 |
| Lead scrap - domestic shipments ............................................. |  | 5093-231D | 12/86 | 158.2 | 145.3 | 149.1 | 1.4 | 2.6 |
| Waste paper .................................................................................... |  | 5093-B | 12/86 | 100.1 | 99.3 | 97.8 | -16.3 | -1.5 |
| Corrugated ................................................................................... |  | 5093-51 | 12/86 | 70.3 | 66.9 | 66.2 | -29.2 | -1.0 |
| Northeast .................................................................................. |  | 5093-511 | 12/86 | 66.2 | 62.0 | 61.8 | -32.3 | -. 3 |
| North Central ............................................................................ |  | 5093-512 | 12/86 | 69.2 | 64.6 | 64.5 | -30.6 | -. 2 |
| South ....................................................................................... |  | 5093-513 | 12/86 | 79.3 | 75.1 | 75.1 | -24.5 | 0 |
| West ........................................................................................ |  | 5093-514 | 12/86 | 69.6 | 71.5 | 67.8 | -26.3 | -5.2 |
| News .......................................................................................... |  | 5093-52 | 12/86 | 66.5 | 57.9 | 51.0 | -53.0 | -11.9 |
| Northeast .. |  | 5093-521 | 12/86 | 41.0 | 38.3 | 32.4 | -67.4 | -15.4 |
| North central ......................................................................... |  | 5093-522 | 12/86 | 78.2 | 65.1 | 53.0 | -52.9 | -18.6 |
| South ....................................................................................... |  | 5093-523 | 12/86 | 99.8 | 86.1 | 85.0 | -30.7 | -1.3 |
| West ........................................................................................ |  | 5093-524 | 12/86 | 79.8 | 68.9 | 63.2 | -43.3 | -8.3 |
| Mixed papers ................................................................................. |  | 5093-53 | 12/86 | 92.3 | 78.8 | 73.6 | -42.2 | -6.6 |
| Northeast ........................................................................... |  | 5093-531 | 12/86 | 66.8 | 64.3 | 58.3 | -42.5 | -9.3 |
| North central ............................................................................. |  | 5093-532 | 12/86 | 111.7 | 88.5 | 82.3 | -45.7 | -7.0 |
| South ....................................................................................... |  | 5093-533 | 12/86 | 88.4 | 72.5 | 73.8 | -36.9 | 1.8 |
| West ......................................................................................... |  | 5093-534 | 12/86 | 105.9 | 105.5 | 91.7 | -32.0 | -13.1 |
| High grades: pulp substitutes and deinking ....................................... |  | 5093-54 | 12/86 | 133.5 | 138.3 | 138.3 | 2.2 | 0 |
| Northeast ................................................................................. |  | 5093-541 | 12/86 | 124.4 | 127.1 | 127.2 | 2.5 | . 1 |
| North central ............................................................................... |  | 5093-542 | 12/86 | 130.7 | 139.0 | 138.8 | 3.5 | -. 1 |

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products-Continued

| Industry and product ${ }^{1}$ | Industry code | Product code | Index base | Index |  |  | Unadjusted percent change to July 1989 from - |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Mar. } \\ 1989^{2} \end{gathered}$ | $\begin{array}{r} \text { June } \\ 1989^{2} \end{array}$ | $\begin{gathered} \text { July } \\ 1989^{2} \end{gathered}$ | July 1988 | June 1989 |
| Scrap and waste materials-Continued |  |  |  |  |  |  |  |  |
| South .......................................................................................... |  | 5093-543 | 12/86 | 158.4 | 158.6 | 158.8 | 2.4 | 0.1 |
| West ............................................................................................... |  | 5093-544 | 12/86 | 160.6 | 161.1 | 161.0 | -7.4 | -. 1 |
| Waste paper exports ......................................................................... |  | 5093-55 | 12/86 | 113.8 | 112.2 | 110.3 | -16.2 | -1.7 |
| Waste paper exports |  | 5093-551 | 12/86 | 113.8 | 112.2 | 110.3 | -16.2 | -1.7 |
| Waste materials other than metal and paper .......................................... |  | 5093-C | 12/86 | 108.2 | 112.3 | 108.6 | 1.9 | -3.3 |
| Waste rags and textile waste |  | 5093-6 | 12/86 | 109.0 | 117.0 | 109.0 | 7.3 | -6.8 |
| Waste rags and textile waste |  | 5093-611 | 12/86 | 109.0 | 117.0 | 109.0 | 7.3 | -6.8 |
| Wiping cloths ...................................................................................... |  | 5093-7 | 12/86 | 99.6 | 99.7 | 99.7 | . 1 | 0 |
| Wiping cloths ................................................................................ |  | 5093-711 | 12/86 | 99.6 | 99.7 | 99.7 | . 1 | 0 |
| Other waste materials and scrap, including rubber scrap and oil waste |  | 5093-8 | 12/86 | 115.9 | 117.1 | 117.2 | -4.6 | . 1 |
| Other waste materials and scrap, including rubber scrap and oil waste |  | 5093-811 | 12/86 | 115.9 | 117.1 | 117.2 | -4.6 | . 1 |

1 Industry and product class indexes may include products not shown separately. ${ }^{2}$ Data for March 1989 have been revised to reflect the availability of late reports and conrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

3 Not available.

4 Seasonal product-no price available this month.
n.e.c. $=$ Not elsewhere classified.

Note: Some of the previously published net output price indexes for industries and industry groups have been corrected. See page 3 .

Table 6. Producer price indexes and percent changes for commodity groupings and individual items
(1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued


See footnotes at end of table.

Table 6. Producer price Indexes and percent changes for commodity groupings and individual ltems-Continued
(1982 = 100 unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Bakery products--Continued | 0211 |  |  |  |  |  |  |
| Brown and serve rolls ...... | 0502 |  | 134.6 | 137.0 | 137.0 | ${ }^{2}$ ) | 0 |
| Other bread type rolls .................................................................................. | 0504 |  | 126.0 | 127.7 | 128.5 | 12.5 | . 6 |
| Sweet yeast goods .............................................................................. | 07 |  | 121.1 | 122.5 | 122.6 | 6.3 | . 1 |
| Other sweet yeast goods ............................................................................................ | 0702 |  | 118.8 | 120.1 | 120.3 | 5.8 | . 2 |
| Soft cakes ............................................................................................ | 08 |  | 147.6 | 147.5 | 150.0 | 5.3 | . 7 |
| Snack cakes | 0801 |  | 152.0 | 153.0 | 154.9 | 6.7 | 1.2 |
| Other soft cakes | 0802 |  | 137.9 | 135.3 | 139.0 | 1.9 | 2.7 |
| Pies | 09 |  | 154.2 | 152.4 | 152.2 | 6.0 | -. 1 |
| Snack pies. | 0901 |  | 159.7 | 160.6 | 160.6 | 7.4 | 0 |
| Other pies ...................................................................................................... | 0902 |  | 142.4 | 135.8 | 135.3 | 3.2 | -. 4 |
|  | 11 |  |  |  |  |  |  |
| Cake type doughnuts ............................................................................................................... | 12 |  | 1210 | 122.5 | 123.8 | 6.1 | 1.1 |
| Cake type doughnuts ............................................................................................................. | 1201 |  | 137.1 | 138.4 | 138.6 | 5.7 | . 1 |
|  | 2103 | 06/83 | 127.3 | 128.2 | 128.4 | 5.3 | . 2 |
| Crackers, cracker sandwiches and pretzels ......................................................................................................... | 2104 | 06/83 | 142.8 | 144.3 | 144.7 | 6.2 | . 3 |
| Flour and flour base mixes and doughs | 0212 |  | 113.1 | 113.9 | 113.0 | 3.7 | -. 8 |
| Flour ... | 03 |  | 116.5 | 116.5 | 115.0 | 3.6 | -1.3 |
| Wheat flour ..................................................................................................... | 0301 | 06/83 | 112.4 | 112.4 | 110.9 | 3.6 | -1.3 |
| Flour base mixes and doughs ............................................................................................... | 0401 |  |  |  |  |  |  |
| Flour base mixes and doughs ............................................................................................... | 0401 | 06/83 | 114.4 | 116.6 | 116.6 | 3.8 | 0 |
| Milled rice | 0213 |  | 102.3 | 105.3 | 107.6 | -11.3 | 2.2 |
| Head rice | 01 |  | 103.8 | 105.6 | 108.9 | -11.1 | 3.1 |
| Medium grain milled rice | 0101 |  | 104.2 | 110.2 | 111.6 | -2.9 | 1.3 |
| Long grain milled rice ................................................................................ | 0102 |  | 104.0 | 104.7 | 108.5 | -13.1 | 3.6 |
| Other milled rice and byproducts ................................................................................... | 02 |  |  |  |  |  |  |
| Other milled rice and byproducts ......................................................................................... | 0201 | 06/84 | 80.0 | 89.6 | 85.9 | -12.9 | -4.1 |
| Other cereals .................................................................................................... | 0214 |  | 133.5 | 135.1 | 140.3 | 12.1 | 3.8 |
| Pasta products ...................................................................................... | 02 | 06/85 | 113.0 | 111.6 | 116.5 | 3.8 | 4.4 |
| Macaroni,spaghetti, vermicelli,\& other macaroni prod ..................................... | 0201 | 06/85 | 116.1 | 114.7 | 117.7 | 4.7 | 2.6 |
| Noodle products .......................................................................................... | 0202 | 06/85 | 102.6 | 101.4 | 112.4 | . 9 | 10.8 |
| Other cereals except pasta products ......................................................................................... | 09 | 06/85 | 127.1 | 129.4 | 134.3 | 14.3 | 3.8 |
| Commeal, grits, and hominy | 0902 | 06/83 | 101.9 | 99.4 | 100.7 | -. 8 | 1.3 |
| Breakfast cereals, ready to serve .............................................................. | 0904 | 12/83 | 145.8 | 148.2 | 155.6 | 14.2 | 5.0 |
| Breakfast cereals, cooked ............ | 0905 | 12/83 | 144.4 | 144.4 | ${ }^{(2)}$ | (2) | ( ${ }^{\text {a }}$ |
| Manufactured starch ..................................................................................... | 0907 | 06/85 | 108.8 | 114.8 | 115.5 | 18.0 | . 6 |
| Meats, poultry, and fish ................................................................... | 022 |  | 111.8 | 111.1 | 112.0 | 2.2 | . 8 |
| Meats | 0221 |  | 104.0 | 103.4 | 105.8 | 3.7 | 2.3 |
| Beef and veal ............................................................................................................... | 01 |  | 111.3 | 106.6 | 108.1 | 6.6 | 1.4 |
| USDA choice beef carcasses | 0102 |  | 114.0 | 108.2 | 109.3 | 7.5 | 1.0 |
| Other USDA graded and ungraded beef carcasses ............... | 0107 | 12/88 | 110.1 | 104.6 | 108.4 | (2) | 3.6 |
| Primal and fabricated beef cuts ..... | 0111 |  | 103.5 | 99.9 | 99.7 | 4.0 | -. 2 |
| Boneless beef including hamburger | 0113 |  | 106.8 | 104.5 | 109.7 | 5.1 | 5.0 |
| Variety meats (edible organs) ............................................................................... | 0115 |  | 68.9 | 66.3 | 65.4 | -31.2 | -1.4 |
| Pork | 04 |  | 92.4 | 96.9 | 101.9 | 2 | 5.2 |
| Whole carcass pork | 0401 |  | 132.7 | 131.7 | 139.1 | ${ }^{(2)}$ | 5.6 |
| Sliced bacon. | 0421 |  | 67.8 | 66.3 | 68.0 | -2.4 | 2.6 |
| Hams and picnics, except canned ........................................................................... | 0432 | 12/88 | 96.0 | 93.9 | 94.7 | (2) | . 9 |
| Other smoked pork .............................................................................................. | 0434 | 12/88 | 95.9 | 100.9 | 107.0 | (2) | 6.0 |
| Boiled ham, barbecued pork, and other cooked pork ............................... | 0435 | 12/88 | 91.9 | 98.1 | 97.9 | (2) | -. 2 |
| Primal and fabricated cuts ...................................... | 0441 | 12/88 | 109.0 | 117.5 | 125.7 | ${ }^{(2)}$ | 7.0 |
| Variety meats (edible organs) ................................................................................... | 0443 | 12/88 | 115.1 | 144.2 | 148.4 | ${ }^{2}$ ) | 2.9 |
| Other meats | 05 |  | 101.9 | 103.1 | 103.7 | 1.4 | . 6 |
| Fresh sausage, pork sausage, breakfast links, etc. ...................................... | 0571 | 12/88 | 104.1 | 105.3 | 104.9 | ${ }^{2}{ }^{2}$ | - 4 |
| Dry and semidry sausage ............................................................................................... | 0572 | 12/88 | 100.5 | 100.9 | 101.2 | (2) | 3 |
| Frankfurters and wieners ......................................................................................... | 0573 | 12/88 | 101.4 | 103.1 | 104.6 | ${ }^{2}$ | 1.5 |
| Other sausage, smoked and cooked ................................................................... | 0574 | 12/88 | 101.4 | 103.5 | 104.5 | ${ }^{2}$ | 1.0 |
| Other canned meats ..................... | 0579 | 12/88 | 99.8 | 99.9 | 99.9 | (2) | 0 |
| Frozen ground meat patties | 0581 | 12/88 | 103.1 | 103.1 | 105.5 | ${ }^{(2)}$ | 2.3 |
| Frozen portion control, other than meat patties .............................................................. | 0582 | 12/88 | 102.3 | 106.0 | 106.1 | $\left.{ }^{2}\right)$ | . 1 |
| Miscellaneous processed, frozen, or cooked meats .................................................... | 0583 | 12/88 | 105.1 | 105.8 | 105.1 | ${ }^{(2)}$ | -. 7 |
| Processed poultry .-.............................................................................................................. | 0222 |  | 123.2 | 130.6 | 125.9 | . 8 | -3.6 |
| Young chicken ......................................................... | 03 |  | 124.5 | 132.7 | 128.2 | -2.5 | -3.4 |
| Whole broilers, wet ice, grade A, bulk ................................................................ | 0316 |  | 126.8 | 138.9 | 130.3 | -5.0 | -6.2 |
| Other wet ice pack bulk broilers ...................................................................... | 0317 |  | 124.7 | 130.4 | 131.7 | 6.1 | 1.0 |
| Tray pack broilers ........................................................................................................ | 0319 |  | 119.4 | 123.9 | 121.7 | -3.9 | -1.8 |
| Frozen broilers ............................. | 0321 |  | 118.2 | 124.0 | 123.5 | -6.4 | - 4 |
| Mature chicken: hens/fowl | 05 |  | 127.4 | 122.9 | 122.9 | 33.4 | 0 |
| Turkeys ............ | 06 |  | 112.9 | 120.9 | 111.4 | 1.3 | -7.9 |
| Whole young hens, grade A, frozen ........................................................................... | 0602 |  | 104.4 | 117.5 | 104.6 | -6.4 | -11.0 |
| Whole young toms, grade A frozen ....................................................................... | 0603 |  | 109.0 | 121.3 | 114.4 | 2.8 | -5.7 |
| Other young turkey ......................................................................................................... | 0604 |  | 116.7 | 119.3 | 113.7 | 4.7 | -4.7 |
| Further processed poultry/small game ......................................................................... | 08 |  | 123.2 | 128.8 | 126.9 | 11.2 | -1.5 |
| Turkey, cooked or smoked .................................................................................... | 0804 |  | 121.6 | 123.2 | 120.0 | 6.7 | -2.6 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Processed poultry--Continued. | 0222 |  |  |  |  |  |  |
| Chicken, cooked or smoked ................................................................................. | 0805 |  | 118.8 | 127.4 | 126.5 | 14.5 | -0.7 |
| Unprocessed and packaged fish ......... | 0223 |  | 153.2 | 139.1 | 137.3 | -3.7 | -1.3 |
| Unprocessed fin fish ........................... | 01 |  | 181.1 | 110.9 | 107.5 | -31.9 | -3.1 |
| Haddock .. | 0101 |  | 299.7 | 204.3 | 235.5 | 16.0 | 15.3 |
| Halibut | 0102 |  | 120.8 | 121.7 | 121.7 | 3.0 | 0 |
| Salmon ....................................................................................................... | 0103 |  | 134.4 | 77.6 | 72.8 | -39.1 | 2 |
| Fresh packaged fish and seafood | 02 |  | 181.5 | 172.4 | 168.8 | 2.2 | -2.1 |
| Frozen packaged fish and seafood | 03 |  | 123.8 | 124.6 | 124.0 | 3.2 | -. 5 |
| Frozen packaged fish, excluding shellfish | 0311 | 12/82 | 128.3 | 129.0 | 128.2 | 1.6 | -. 6 |
| Frozen packaged shellfish and other seafood ........................................................... | 0313 | 12/82 | 103.9 | 104.6 | 104.3 | 4.7 | -. 3 |
| Canned and cured seafood ..................................................................................... | 04 |  | 111.0 | 111.0 | 109.5 | 7.0 | -1.4 |
| Dairy products ......... | 023 |  | 106.0 | 106.4 | 107.8 | 6.5 | 1.3 |
| Fluid milk products | 0231 |  | 112.2 | 110.5 | 111.1 | 6.0 | . 5 |
| Packaged fluid milk and related products | 03 | 12/82 | 110.9 | 109.2 | 109.8 | 6.2 | . 5 |
| Fluid whole milk .............................................................................................................. | 0301 |  | 111.3 | 109.6 | 109.5 | 5.7 | -. 1 |
| Lowfat milk (1/2-2\%) ........................................................................................... | 0302 | 12/82 | 110.9 | 109.0 | 110.6 | 8.2 | 1.5 |
| Skim milk ......................................................................................................... | 0303 | 12/82 | 117.7 | 116.6 | 118.7 | 6.8 | 1.8 |
| Cream: light, heavy, sour, half \& half, and whipped .................................................. | 0304 | 12/82 | 108.8 | 108.2 | 108.2 | 1.6 | 0 |
| Cottage cheese ........................................................................................................................ | 04 |  |  | 114.4 | 114.8 | 7.7 | 3 |
| Cottage cheese ................................................................................................................................................................................... | 0401 | 12/82 | 115.8 | 114.4 | 114.8 | 7.7 | . 3 |
| Other $\qquad$ | 0501 | 12/82 | 112.6 | 110.2 | 112.6 | 4.5 | 2.2 |
| Butter ........................................................................................................................... | 0232 |  | 88.5 | 88.5 | 88.3 | -4.1 | -. 2 |
| Natural, processed, and imitation cheese ........................................................................ | 0233 |  | 97.5 | 100.6 | 104.1 | 11.3 | 3.5 |
| Natural cheese, except cottage cheese | 02 |  | 94.7 | 97.8 | 102.7 | 10.9 | 5.0 |
| Processed cheese and related products | 03 |  | 101.4 | 104.6 | 105.9 | 11.4 | 1.2 |
| Imitation cheese .............................................................................. | 04 | 06/88 | 124.4 | 124.4 | 126.6 | 24.5 | 1.8 |
| Ice cream and frozen desserts ........... | 0234 |  | 114.3 | 114.8 | 114.8 | 4.2 | 0 |
| Ice cream and ices ............................................ | 0201 | 06/83 | 112.7 | 113.2 | 113.3 | 4.1 | . 1 |
| Condensed and evaporated milk .................................................................................... | 0235 |  | 102.3 | 104.0 | 105.1 | 4.7 | 1.1 |
| Dry milk products ......... | 02 |  |  |  |  |  |  |
| Dry milk products ............................................................................................................ | 0201 | 12/83 | 91.8 | 93.9 | 94.8 | . 5 | 1.0 |
| Liquid milk products ... | 03 | 12/83 | 121.9 | 123.1 | 125.3 | 11.3 | 1.8 |
| Canned milk products, consumer type ca | 0301 0303 | $12 / 83$ $12 / 83$ | 127.9 97.4 | 127.8 103.5 | 128.2 111.4 | 8.6 22.4 | .3 7.6 |
| Condensed and evaporated milk products ............................................................... | 0303 |  | 97.4 | 103.5 |  |  |  |
| Processed fruits and vegetables | 024 |  | 119.2 | 120.7 | 120.8 | 6.5 | . 1 |
| Canned fruits and juices. | 0241 |  | 121.8 | 122.7 | 123.4 | 2.7 | . 6 |
| Canned fruits. | 01 |  | 119.4 | 119.4 | 121.1 | 5.4 | 1.4 |
| Canned fruit juices .......................................................................................... | 02 |  | 125.0 | 126.7 | 126.6 | . 6 | -. 1 |
| Frozen fruits, juices and ades ................................................................................ | 0242 |  | 121.1 | 128.4 | 129.0 | -1.1 | . 5 |
| Frozen fruits ...................................................................................................... | 02 |  | 117.0 | 117.7 | 118.3 | 1.2 | . 5 |
| Frozen blueberries ............................................................................................... | 0206 |  | 133.2 | ${ }^{(2)}$ | $\left.{ }^{2}{ }^{2}\right)$ | ${ }^{2}$ ) | $(2)^{2}$ |
| Frozen juices and ades ............................................................................................................. | 03 |  | 121.0 | 129.6 | 130.2 | -1.4 | . 5 |
| Frozen orange juice ............ | 0301 |  | 126.5 | 138.8 | 140.7 | -. 6 | 1.4 |
| Frozen lemonade ... | 0302 |  | 124.3 | 116.8 | 116.8 | -1.7 | 0 |
| Frozen grape juice | 0303 |  | 105.2 | 105.2 | 100.6 | -. 8 | -4.4 |
| Grapefruit juice ..... | 0304 |  | 139.6 | 141.4 | 137.6 | -15.2 | -2.7 |
| Other frozen fruit and berry juice, concentrate ........................................................................ | 0311 |  | 111.0 | 113.4 | 113.1 | -2.3 | -. 3 |
| Dried and dehydrated fruits ............................................................................................... | 0243 |  | 101.9 | 102.8 | 102.8 | 3.5 | 0 |
| Prunes ............................................................................................................. | 0101 |  | 112.6 | 114.0 | 114.0 | 4.0 | 0 |
| Raisins ................................................................................................... | 0102 |  | 89.9 | 90.8 | 90.8 | 2.9 | 0 |
| Other dried and dehydrated fruit ............................................................................................................................... | 0111 | 12/82 | 111.7 | 111.7 | 111.7 | 7.1 | 0 |
| Canned vegetables and juices ......................................................................................... | 0244 |  | 119.8 | 119.0 | 118.9 | 10.3 | -. 1 |
| Canned vegetables, excl. hominy and mushrooms ........................................................ | 0102 | 12/87 | 120.8 | 121.4 | 120.5 | 9.1 | -. 7 |
| Canned hominy and mushrooms .......................................................................... | 0105 | 12/87 | 123.2 | 124.3 | 124.6 | 18.8 | 2 |
| Catsup and other tomato sauces .......................................................................... | 0127 | 12/87 | 113.1 | 110.7 | 111.8 | 11.1 | 1.0 |
| Canned vegetable juices ...................................................................................... | 0139 | 12/87 | 111.5 | 112.8 | 109.6 | 8.6 | -2.8 |
| Frozen vegetables ...................................................................................................................... | 0245 |  | 114.8 | 115.7 | 115.5 | 7.6 | -. 2 |
| Frozen green beans ........................................................................................... | 0103 |  | 128.7 | 128.7 | 122.7 | 15.3 | -4.7 |
| Frozen Brussels sprouts .......................................................................................... | 0105 |  | 96.9 | 96.9 | 96.9 | 2.0 | 0 |
| Frozen French fried potatoes | 0108 |  | 118.5 | 119.7 | 119.6 | 4.2 | -. 1 |
| Other frozen potato products | 0109 |  | 101.2 | 102.1 | 102.0 | 9.2 | -. 1 |
| Frozen cauliflower ....................................................................................... | 0111 |  | 102.0 | 101.5 | 106.4 | 13.1 | 4.8 |
| Frozen succotash .............................................................................................................. | 0113 |  | 111.9 | $\left.{ }^{2}\right)$ | 99.0 | 2.2 | ${ }^{(2)}$ |
| Other frozen combinations ........................................................................................... | 0115 |  | 97.3 | 96.3 | 97.2 | 8.7 | . 9 |
| Frozen carrots ................. | 0116 |  | 120.3 | ${ }^{(2)}$ | 124.4 | 11.6 | (2) |
| Frozen sweet cut corn, yellow ...................................................................................... | 0117 |  | 113.4 | (2) | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual Items-Continued ( $1982=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual Items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 = 100 unless otherwise indicated)

| Commodity | $\underset{\text { code }}{C}$ | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 19891 | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Miscellaneous feedstuffs--Continued | 02940319 | 06/85 | 108.6 | 208.8 |  |  |  |
| Cottonseed hulls ............................ |  |  |  |  | 178.3 | -14.8 | -14.6 |
| Textlie products and apparel | 03 |  | 111.2 | 112.1 | 112.5 | 2.7 | . 4 |
| Synthetic fibers ............................................................................................... | 031 |  | 101.6 | 106.1 | 107.1 | 9.7 | . 9 |
| Unprocessed filament yarns ... | 031501 |  | 104.9 | 107.6 | 107.4 | 5.9 | -. 2 |
| Cellulosic .............. |  |  | 127.5 | 128.1 | 131.5 | 10.1 | 2.7 |
| Non-cellulosic |  |  | 100.4 | 103.2 | 102.7 | 5.5 | . 5 |
| Nylon textile yarn, selected deniers | ${ }_{0214} 02$ | 06/83 | 100.2 | 102.4 | 102.6 | 7.4 | 2 |
| Polyester textile yarn, deniers 56-89; 145-179 ................................................................. | 0214 0221 |  | 81.3 | ${ }^{(2)}$ | 91.8 | 11.8 | ${ }^{2}$ |
| Fibrous glass yarn ......................................................................................... | 0221 0231 |  | 131.4 | 131.3 | 131.4 | 8.8 | . 1 |
| Unprocessed filament, ex.nylon, polyester and glass ........................................................ | 0233 |  | 118.7 | 119.7 | ${ }^{(2)}$ | $\left(^{2}\right)$ | ${ }^{(2)}$ |
| Staple, tow, and fiberrill .. | 0318 |  | 95.7 | 101.6 | 103.8 | 13.7 | 2.2 |
| Cellulosic ..................... | 01 |  |  |  |  |  |  |
| Rayon staple and tow .................................................................................................... | 0101 |  | 117.5 | 130.4 | 128.3 | 23.0 | -1.6 |
| Non-cellulosic ........................................................................................................ | 02 |  | 91.0 | 95.3 | 98.5 | 11.3 | 3.4 |
| Nylon and aramid. | 02010202 |  | 98.6 | 99.7 | 99.3 | 2.8 | -.4 |
|  |  |  | 73.2 94.0 | ${ }_{101.0}$ | 76.5 107.7 | 3.1 19.8 | ${ }^{(2)}$ |
| Polyester .............................................................................................................................. | 0203 |  | 94.0 | 101.0 | 107.7 | 19.8 | 6.6 |
| Processed yarns and threads ............................................................................................... | 032 |  | 109.6 | 110.7 | 111.1 | 2.7 | . 4 |
| Yarns .................................................................................................................................. | 0326 |  | 108.2 | 109.2 | 109.6 | 2.2 | . 4 |
| Cotton | 01 |  | 97.8 | 99.0 | 99.5 | -3.5 | . 5 |
| Gray combed cotton yarn ................................................................................ | 0102 | 12/82 | 106.8 | 107.3 | 108.2 | -2.2 | 8 |
| Gray carded cotton yarn .......................................................................................... | 0104 | 12/82 | 89.3 | 92.7 | 93.7 | -7.1 | 1.1 |
| Interplant transfers of gray cotton yarn ............................................................... |  | 12/88 | 99.9 | 100.4 | 100.7 | ( ${ }^{\text {a }}$ | 3 |
| Finished cotton yarn ............................................................................. | 0106 0107 | 12/82 | 116.8 | 115.1 | 115.0 | 3.0 | -. 1 |
|  |  |  | 101.0 | 101.9 | 103.0 | 5.3 | 1.1 |
| Gray spun wool yarn | ${ }_{02} 0201$ | 12/88 | 102.6 | 105.9 | 105.9 | ${ }^{(2)}$ | 0 |
| Synthetic ... | 03 |  | 111.3 | 112.3 | 112.7 | 3.4 | . 4 |
| Rayon and/or acetate yarn | 0301 | 12/82 | 112.8 | 117.3 | 117.2 | 11.4 | -. 1 |
| Acrylic and/or modacrylic yarn | 0301 0303 | 12/82 | 106.7 | 104.9 | 104.8 | 5.2 | -. 1 |
| Polyester spun yarn.. | 0305 | 12/82 | 106.2 | 106.8 | 108.0 | 2.5 | 1.1 |
| Interplant transfers of gray synthetic yarn | 0306 | 12/88 | 96.3 | 96.3 | 96.3 | ${ }^{(2)}$ | 0 |
| Textured polyester filament yarn .............. | 0307 | 12/82 | 122.1 | 125.7 | 125.7 | (2) | 0 |
| Textured nylon filament yarn ......... | 0309 | $12 / 82$ | 109.5 | 109.4 | 109.0 | 1.1 | -. 4 |
| Textured yarns except nylon and polyester. | 0311 | 06/83 | 119.7 | 120.7 | 122.2 | $\left(^{2}\right)$ | 1.2 |
| Other synthetic yarn ........................ | 0313 | 06/83 | 107.8 | 108.5 | 108.2 | . 9 | -. 3 |
| Covered elastic yarn ... | 0315 | 06/84 | 114.2 | 114.4 | 114.4 | ${ }^{6.3}$ | 0 |
| Other throwing and winding mill products | 04 | 12/88 | 101.3 | 102.0 | 102.0 | (2) | 0 |
| Rewound plied and novelty yarn, produced by others | $0401$ | 12/88 | 98.4 | ${ }^{(2)}$ | 98.4 | ${ }^{2}$ | ${ }^{2}$ |
| Thrown filament yarns, except textured ..................... | 05 | $12 / 88$ $12 / 88$ | 102.4 101.9 | 103.4 101.9 | 103.3 101.9 | (2) | -.1 0 |
|  | 0327 |  |  | 128.6 | 129.0 | 8.4 | 3 |
| Threads ....................................................................................................................................... |  |  |  |  | 133.3 |  |  |
| Cotton finished | 01 |  | 129.2 | 133.3 | 133.3 125.4 | 10.6 7.9 | . 5 |
| Synthetic and silk, finished ............. | 03 |  | 120.8 | 124.8 | 125.4 114.4 | ${ }^{(2)}$ | .5 0 |
|  | 0335 | 06/84 $06 / 84$ | 114.4 112.0 | 114.4 116.4 | 114.4 117.0 | ${ }^{(2)} 8.8$ | . 5 |
| Synthetic and silk thread, industrial use Unfinshed thread | $\begin{aligned} & 0337 \\ & 04 \end{aligned}$ | 12/88 | 102.0 | 102.0 | 102.0 | (2) | 0 |
| Gray fabrics ......................................................................................................... | 033 |  | 114.0 | 114.5 | 115.5 | . 5 | . 9 |
| Broadwovens. | 0337 |  | 114.5 | 115.0 | 116.2 | -. 4 | 1.0 |
| Cotton ..... |  |  | 110.9 | 110.0 | 111.1 | -4.1 | 1.0 |
| Sheeting .......................................................................................................... | 0103 |  | 87.1 | 85.7 | 87.1 | -6.8 | 1.6 |
| Osnaburg ........................................................................................................ | 0105 |  | ${ }^{2}{ }^{2}$ | 121.8 | 122.7 | $\left.{ }^{2}\right)$ | 7 |
| Sateen ..... | 0113 |  | 112.7 | 112.7 | 108.1 | -13.6 | -4.1 |
| Twill weaves | 0115 |  | 107.6 | 107.8 | ${ }^{(2)}$ | ${ }^{(2)}$ | ( $)$ |
| Other gray cotton ............................................................................................ | ${ }_{0}^{0123}$ | 06/87 | 109.1 | 108.5 | 109.5 | ${ }^{(2)}$ | . 9 |
| Wool ............................................................................................................... |  |  |  |  |  |  |  |
| Wool broadwoven fabric .......................................................................................... | ${ }_{03} 020$ | 06/85 | 112.3 | 112.6 | 113.7 | 3.4 | 1.0 |
| Synthetic .............................................................................................................. |  |  | 112.2 | 113.1 | 114.3 | . 8 | 1.1 |
| Filament rayon and/or acetate fabric ................................................................................. | 0301 | 06/87 | 120.1 | 117.9 | 120.9 | 9.9 | 2.5 |
| Filament polyester fabric ..................................................................................... | 0303 | 06/87 | 109.0 | 111.5 | 111.7 | 9.0 | . 2 |
| Filament nylon fabric ................................................................................................. | $\left.\begin{aligned} & 0305 \\ & 0363 \end{aligned} \right\rvert\,$ | 06/87 | 121.3 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | $(2)^{2}$ |
| Plain printcloth, spun polyester/cotton blend ............................................................ |  |  | 111.8 | 113.8 | 114.8 | -5.7 | . 9 |
| Plain printcloth, spun polyester/rayon blends ....................................................................... | 0363 0364 | 06/87 | 111.7 | 115.1 | 117.2 | ${ }^{(2)}$ | 1.8 |
| Twill weaves .................................................................................................................... | 0379 | 06/87 | 99.6 | 98.4 | 101.7 | -9.4 | 3.4 |
| Spun/filament yarn fabrics ................................................................................... | 0381 | 06/87 | 103.5 | 105.6 | 105.4 | . 5 | - 2 |
| Other gray fabrics .................................................................................................. | 0383 | 06/87 | 106.3 | 106.9 | 107.7 | -1.4 | . 7 |
| Knits ......................................................................................................................................... | 0338 |  | 108.2 | 108.6 | 108.6 | 2.5 | 0 |
| Circular knits, except hosiery ......................................................................... | 03 |  |  |  |  |  |  |
| Circular knits, except hosiery ............................................................................. | 0301 |  | 109.5 | 109.5 | 109.5 | 1.7 | 0 |
| Warp knits, except hosiery ................................................................................................. | ${ }_{04}^{04}$ |  |  |  |  | 3.4 | 0 |
| Warp knits, except hosiery .............................................................................................. |  |  | 106.7 | 107.4 | 107.4 | 3.4 |  |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
( $1982=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 19891 | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Apparel--Continued | 0381 |  |  |  |  |  |  |
| Washable service apparel | 0188 |  | 110.0 | 110.0 | 110.0 | 5.9 |  |
| Men's and boys' ......................................................................................... | 02 |  | 115.7 | 116.3 | 116.8 | 3.0 | 4 |
| Men's business \& other suits, regular \& light weight | 0206 |  | 122.9 | 124.2 | 125.8 | 6.1 | 1.3 |
| Men's \& boys' dress, sport, \& uniform trousers ....... | 0215 |  | 113.0 | 113.3 | 114.7 | 4.9 | 1.2 |
| Men's \& boys' denim jeans \& casual slacks . | 0217 |  | 116.3 | 117.5 | 118.2 | 2.7 | . 6 |
| Men's \& boys' jeans \& jean-cut casual slacks, oth fa | 0219 |  | 104.0 | 104.1 | 104.1 | -. 7 | 0 |
| Men's and boys' work clothing ........................................................................... | 0221 |  | 108.7 | 109.3 | 109.3 | 2.1 | 0 |
| Men's and boys' work shirts ............................................................................. | 0228 | 06/83 | 115.5 | 115.7 | 115.7 | 5.3 | 0 |
| Men's sport coats \& jackets, business type \& other ..................................................... | 0256 |  | 121.9 | 122.8 | 123.5 | 5.1 | 6 |
| Men's/boys' sweaters, jackets, and jerseys ................................................................ | 0258 | 12/84 | 111.2 | 111.0 | 112.2 | 3.7 | 1.1 |
| Men's \& boys' raincoats \& other waterproof outergar. ...................................... | 0266 | 06/85 | 110.2 | 114.2 | 114.2 | 6.5 | 0 |
| Men's and boys' leather coats and jackets .................................................................. | 0267 | 12/85 | 126.0 | 127.5 | 126.6 | 2.9 | -. 7 |
| Men's finished hosiery ................................................................................. | 0272 |  | 115.1 | 115.1 | 115.6 | 2.1 | 4 |
| Men's unfinished hosiery | 0273 | 06/84 | 104.6 | 101.3 | 101.6 | -2,1 | 3 |
| Men's and boys' knit undershirts. | 0274 |  | 116.2 | 116.1 | 116.1 | 2.2 | 0 |
| Men's and boys' knit shorts and briefs | 0275 |  | 109.4 | 109.4 | 109.4 | 1.5 | 0 |
| Men's and boys' robes and dressing gowns | 0279 | 06/85 | 108.8 | 110.5 | 108.4 | 4.3 | -1.9 |
| Men's/boys' swimwear, athletic shorts \& oth. outerwr ................................ | 0281 | 12/84 | 114.1 | 114.6 | 114.6 | . 9 | 0 |
| Men's and boy's neckwear. | 0282 |  | 117.6 | 118.7 | 118.7 | 4.4 | 0 |
| Boys' dress and sport trousers | 0292 |  | 99.2 | 99.2 | 99.2 | 3.5 | 0 |
| Men's/boys' shirts, excl. sport \& sweatshirts .................................................... | 0296 | 12/84 | 119.2 | 119.8 | 120.9 | 4.8 | 9 |
| Men's/boys' woven sportshirts .................................................................................. | 0297 | 12/84 | 104.6 | 104.3 | 104.3 | . 8 | 0 |
| Men's/boys' knit sportshirts incl. sweatshirts .............................................................. | 0298 | 06/83 | 105.0 | 105.7 | 105.5 | 1.9 | -. 2 |
| Girls', children's and infants' ..... | 03 |  | 110.5 | 109.8 | 108.6 | 1.7 | -1.1 |
| Dresses/blouses/shirts, ex. knit sport \& sweatshirts | 0349 | 12/84 | 110.6 | 109.8 | 111.1 | 2.2 | 1.2 |
| Knit sport and sweatshirts ... | 0351 | 12/84 | 111.5 | 109.9 | 98.6 | -2.1 | $-10.3$ |
| Coats, coat and legging, and snowpant sets ... | 0352 | 12/84 | 114.3 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other outerwear, n.e.c. | 0355 | 12/84 | 96.1 | 95.9 | 95.9 | - 1 | 0 |
| Infants' and children's anklet hosiery | 0363 | 06/84 | 106.8 | 108.0 | 107.8 | 1.8 | -. 2 |
| Infants' and children's knee-high hosiery .................................................... | 0364 |  | 104.1 | 102.9 | 103.2 | -. 9 | 3 |
| Other infants' and children's finished hoisery ........................................... | 0365 | 06/84 | 101.8 | 101.8 | 101.8 | $-.5$ | 0 |
| Undenwear | 0368 | 06/82 | 133.0 | 133.5 | 133.5 | 5.5 | 0 |
| Nightwear | 0369 | 06/82 | 118.2 | 118.4 | 119.9 | 5.1 | 1.3 |
| Miscellaneous apparel and accessories. | 04 | 12/83 | 110.4 | 109.2 | 109.8 | . 5 | . 5 |
| Fur products ................ | 0407 | 12/83 | 110.8 | 105.2 | 105.4 | -9.5 | . 2 |
| Millinery ........ | 0409 | 06/85 | 104.7 | 104.0 | 103.6 | 4.1 | -. 4 |
| Hats and hat bodies, except cloth and millinery | 0411 | 06/85 | 114.8 | 114.8 | 114.8 | 5.3 | 0 |
| Cloth hats and caps | 0412 | $06 / 85$ | 109.3 | 109.3 | 109.3 | 4.4 | 0 |
| Fabric workgloves and mittens | 0419 | 06/85 | 108.2 | 109.1 | 109.6 | 2.9 | . 5 |
| Waterproof outergarments, n.e.c. ....................................................................... | 0421 | 06/85 | 116.9 | 116.9 | 116.9 | 3.1 | 0 |
| Belts, other than leather.. | 0425 | 06/85 | 104.1 | 104.1 | 104.1 | 3.3 | 0 |
| Knit products, n.e.c. | 0429 | 12/85 | 103.9 | 103.9 | 103.9 | 3.3 | 0 |
| Apparel and accessories, n.e.c. | 0441 | 12/85 | 106.2 | 106.6 | 107.5 | 2.9 | . 8 |
| Contract work on apparel .............. | 05 | 06/87 | 106.3 | 106.2 | 106.4 | 2.0 | . 2 |
| Contract work on apparel ..................................................................................... | 0501 | 06/87 | 106.3 | 106.2 | 106.4 | 2.0 | . 2 |
| Textile housefurnishings | 0382 |  | 105.7 | 106.2 | 106.7 | 1.8 | . 5 |
| Bed clothes ................. | 01 |  | 105.8 | 106.5 | 107.4 | 2.4 | 8 |
| Bedspreads and bedsets | 0102 |  | 107.0 | 107.2 | 108.1 | 1.2 | . 8 |
| Sheets and pillow cases ..................................................................................... | 0134 | 06/86 | 103.8 | ${ }^{(2)}$ | 105.7 | 2.9 | ${ }^{(2)}$ |
| Comforters .................... | 0136 | 06/87 | 87.7 | 88.5 | 88.4 | 1.0 | - 1 |
| Blankets | 0138 | 06/87 | 109.7 | 109.7 | 111.9 | 4.9 | 2.0 |
| Other textile housefurnishings | 03 | 06/83 | 106.2 | 106.6 | 106.9 | 1.4 | . 3 |
| Towels and washcloths .... | 0303 |  | 104.1 | 104.0 | 104.0 | 1.3 | 0 |
| Draperies .............................................................................................. | 0307 |  | 118.3 | 118.7 | 119.4 | 1.7 | . 6 |
| Curtains, except lace .............................................................................................. | 0308 | 06/84 | 108.4 | 108.6 | 108.6 | . 2 | 7 |
| Other textile housefurnishings .................................................................................... | 0311 | 06/83 | 104.3 | 105.0 | 105.7 | 1.8 | . 7 |
| Fabricated products, n.e.c. | 0383 |  | 108.4 | 108.8 | 109.2 | 2.7 | 4 |
| Camping equipment ......... | 02 |  | 112.5 | 113.0 | 113.0 | 3.2 | 0 |
| Camping tents ................ | 0212 |  | 117.7 | 118.8 | 118.8 | 5.2 | 0 |
| Industrial and other fabricated products ............................................................ | 03 |  | 108.5 | 108.8 | 109.3 | 2.7 | . 5 |
| Men's/boys' suit, coat findings \& hat, .............................. | 0305 | 12/83 | 17.2 | 117.5 | 117.5 | 2.8 | 0 |
| Automotive trimmings ............................. | 0308 | 12/83 | 105.7 | 106.2 | 106.1 | 3.8 | -. 1 |
| Other trimmings and findings ...................................................................................... | 0311 | 12/83 | 105.2 | 104.5 | 105.0 | 1.8 | . 5 |
| Hard fiber cordage and twine .................................................................................... | 0323 | 06/85 | 74.9 | 73.7 | ${ }^{(2)}$ | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ |
| Soft fiber cordage and twine, except cotton.. | 0324 | 06/85 | 121.0 | 121.4 | 122.7 | 3.7 | 1.1 |
| Tarpaulins and other covers .... | 0332 |  | 122.2 | 123.9 | 123.5 | 3.9 | -. 3 |
| Textile bags ................................................................................................................. | 0341 | 12/85 | 106.3 | 106.3 | 108.5 | 4.1 | 2.1 |
| Tents, other than camping tents ........................................................................... | 0343 | 12/85 | 102.7 | 104.3 | 104.8 | 4.3 | . 5 |
| Awnings .............................................................................................................................. | 0344 | 12/85 | 123.1 | 122.8 | 120.2 | 4.4 | -2.1 |
| All other industrial and fabricated products ........................................................................ | 0351 | 12/85 | 97.3 | 97.5 | 98.1 | 1.1 | . 6 |
| Miscellaneous textile products/services ....................................................................... | 039 | 06/85 | 109.6 | 111.4 | 109.9 | 4.4 | -1.3 |
| Textile materials n.e.c. \& proc. textile ................................................................................... | 0391 | 06/85 | 113.2 | 115.6 | 113.2 | 5.1 | -2.1 |
| Textile fibers, yarns, and fabrics, n.e.c. ...................................................................... | 01 | 06/85 | 118.3 | 116.3 | 116.3 | 2.7 | 0 |
| Scouring and combing mill products, n.e.c. | 0102 | 06/85 | 145.2 | 136.7 | 136.4 | . 2 | -. 2 |
| Padding and upholstery filling .............. | 0104 | 12/85 | 105.5 | 106.7 | 106.9 | 5.6 | . 2 |
| Other non-fabricated products, n.e.c. .......................................................................... | 0109 | 06/85 | 106.8 | 107.1 | 107.2 | 2.3 | 1 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)

| Commodity | $\begin{gathered} \text { Commodity } \\ \text { code } \end{gathered}$ | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 19891 | July 1989' | July 1988 | June 1989 |
| Textile materials n.e.c. \& proc. textile--Continued ........................................................ | 0391 |  |  |  |  |  |  |
| Textile waste ...................................................................................................... | 02 | 12/85 | 113.3 | 119.3 | 114.8 | 7.1 | -3.8 |
| Waste rags and textile waste ..................................... | 0202 | 12/86 | 109.0 | 117.0 | 109.0 | 7.3 | -6.8 |
| Used wiping cloths ............................................................................................. | 0203 | 12/86 | 99.6 | 99.7 | 99.7 | . 1 | 0 |
| Contract work on textile products.. | 0392 | 06/87 | 103.7 | 104.2 | 104.7 | 2.4 | . 5 |
| Commission finishing of broadwoven fabrics | 0101 | 06/87 | 103.8 | 104.4 | 105.6 | 3.0 | 1.1 |
| Commission knitting of gray fabric .............. | 0103 | 06/87 | 102.9 | 103.8 | 103.9 | 2.2 | 1 |
| Comm. knitting/finishing or finishing only of knits ........................................................ | 0105 | 06/87 | 104.1 | 104.2 | 104.2 | 2.0 | 0 |
| Hides, skins, leather, and related products .................................................................... | 04 |  | 136.8 | 134.9 | 136.9 | 5.2 | 1.5 |
| Hides and skins ..................................................................................................... | 041 |  | 228.1 | 211.2 | 221.8 | ${ }^{(2)}$ | 5.0 |
| Cattle hides | 0411 |  | 229.2 | 211.1 | 221.8 | 17.5 | 5.1 |
| Other hides, skins, and pelts ............................................................................................. | 0417 | 12/88 | 106.2 | 109.8 | 110.1 | ${ }^{2}$ ) | . 3 |
| Leather ............... | 042 |  | 170.2 | 165.6 | 170.0 | 2.6 | 2.7 |
| Finished cattlehide and kipside leather ... | 0421 |  | 163.0 | 159.7 | 164.8 | 1.7 | 3.2 |
| Sole leather ... | 01 |  | 177.4 | 164.3 | 175.2 | -. 9 | 6.6 |
|  | 0102 |  | 187.7 | 173.8 | ${ }^{(2)}$ | $\left(^{2}\right)$ | ${ }^{2}$ ) |
| Upper leather, including patent .............................................................................. | 02 |  | 158.4 | 155.5 | 157.3 | -. 7 | 1.2 |
| Dress and casual shoe ........... | 0201 |  | 158.1 | 156.5 | 157.8 | -2.3 | . 8 |
| Other grains except offal ............... | 03 |  | 166.6 | 165.1 | 177.1 | 6.1 | 7.3 |
| Bag, case, and strap leather ...................................................... | 0301 |  | ${ }^{(2)}$ | ${ }^{(2)}$ | 207.2 | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Garment leather ................................................................................................................... | 0302 |  | ${ }^{(2)}$ | ${ }^{(2)}$ | 155.4 | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other grains .................................. | 0304 |  | $\left.{ }^{2}\right)$ | $\left.{ }^{2}\right)$ | 196.1 | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Finished splits ................................. | 04 |  |  |  |  |  |  |
| Finished splits ......................................................................................................................... | 0401 |  | 174.2 | 174.2 | 174.2 | 8.3 | 0 |
| Finished sheep and lamb leather .................................................................................... | 0423 |  | 166.1 | 170.1 | 170.8 | -1.4 | 4 |
| Garment leather ................. | 0103 |  | 175.5 | 178.5 | 179.7 | -1.8 | . 7 |
| Prough, crust, and wet blue | 0101 |  | ${ }^{(2)}$ | ${ }^{(2)}$ | 268.1 | ${ }^{(2)}$ | (2) |
| Other finished leather, n.e.c. ................................................................................ | 0101 | 06/83 | $\left.{ }^{2}\right)$ | $(2)^{2}$ | 113.1 | ( ${ }^{2}$ ) | (2) |
| Footwear .......................................................................................... | 043 |  | 119.8 | 120.1 | 120.6 | 4.4 | . 4 |
| Men's footwear | 0431 |  | 125.4 | 125.4 | 125.4 | 4.6 | - |
| Men's leather upper footwear .... | 01 |  | 126.6 | 126.6 | 126.6 | 4.5 |  |
| Dress and casual shoes ........ | 0113 |  | 126.0 | 125.0 | 125.3 | 2.8 | 2 |
| Boots .................................................................................................... | 0115 |  | 117.3 | 117.9 | 118.0 | 6.6 | . 1 |
| Work shoes or boots | 0117 |  | 133.4 | 134.2 | 133.8 | 5.1 | -3 |
| Houseslippers, except slipper socks ... | 0118 | 06/85 | 140.0 | ${ }^{(2)}$ | 140.4 | 10.3 | ${ }^{2}$ ) |
| Men's non-leather upper footwear .......... | 03 |  | 114.5 | 114.5 | 114.5 | 6.4 | 0 |
| Plastic upper footwear ................................................................... | 0301 |  | 114.7 99.7 | 114.7 | 114.7 | ${ }^{(2)} 3$ | 0 |
| Men's other upper dress and casual shoes ........................................................................ | 0303 | 06/83 | 99.7 | 99.7 | 99.7 | 3.1 | 0 |
| Women's footwear | 0432 |  | 113.9 | 114.0 | 115.0 | 2.9 | . 9 |
| Women's leather upper footwear .... | 01 |  | 114.9 | 115.1 | 116.2 | 2.8 | 1.0 |
| Dress shoes. | 0101 |  | 112.8 | 112.8 | 112.9 | . 4 | . 1 |
| Casual shoes .............................................................................................. | 0103 |  | 125.4 | 125.9 | 127.7 | 5.3 | 1.4 |
| House slippers, except slipper socks ........................................................................ | 0104 | 06/85 | 163.2 | ${ }^{(2)}$ | 163.2 | 8.8 | ${ }^{(2)}$ |
| Sandals ............................................................................................................................. | 0105 |  | 79.7 | ${ }^{(2)}$ | 81.8 | -2.6 | ${ }^{(2)}$ |
| Boots | 0107 |  | 108.4 | 108.4 | 108.4 | -. 1 | 0 |
| Women's plastic upper footwear ........................................................................................... | 03 |  | 110.0 | 110.3 | 110.8 | 3.4 | . 5 |
| Dress shoes ............................................................................................................ | 0301 |  | 103.1 | 103.0 | 103.0 | -. 3 | 0 |
| Casual shoes ................................................................................................... | 0303 |  | 110.7 | 10.7 | 11.7 | 6.1 | . 9 |
| Women's other non-leather upper footwear .............................................................. | 04 |  | 125.7 | 125.3 | 127.2 | 2.3 | 1.5 |
|  | 0403 |  | 103.3 | 103.5 | 111.0 | 6.6 | 7.2 |
| House slippers, except slipper socks ........................................................................ | 0407 | 06/85 | 118.7 | 116.5 | 116.8 | -. 7 | . 3 |
| Children's footwear (size 8 1/2-12) ........................................................................................ | 0433 |  | 120.1 | 123.9 | 124.8 | 6.8 | . 7 |
| Children's leather upper footwear ...................... | 0141 |  | 126.4 | 130.0 | 131.2 | 8.3 | . 9 |
| Children's non-leather upper footwear ...................................................................... | 0143 |  | 115.4 | 122.1 | ${ }^{2}$ ) | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Misses' footwear (size 12 1/2-2 1/2) ................................................................................... | 0434 |  | 114.2 | 120.3 | 120.1 | 5.2 | -. 2 |
| Misses' leather upper footwear ............................................................................... | 0147 |  | 114.5 | 123.2 | 122.8 | 7.1 | -. 3 |
| Youths', boys' twear. (size 12 1/2-6) .................................................................................. | 0435 |  | 124.6 | 125.1 | 126.9 | 10.2 | 1.4 |
| Youths' and boys' leather upper footwear ................................................................... | 0153 |  | 122.1 | 125.4 | ${ }^{(2)}$ | ${ }^{2}$ ) | ${ }^{(2)}$ |
| Infants', babies' ftwear. (size 1-8) .................................................................................. | 0436 |  | 121.2 | 121.5 | 123.0 | 3.9 | 1.2 |
| Infants' and babies' leather upper footwear ............................................................ | 0159 |  | 124.5 | 124.9 | 126.9 | 4.4 | 1.6 |
| Infants' and babies' non-leather upper footwear ........................................................ | 0161 |  | 117.6 | 117.6 | 117.6 | $(2)^{2}$ | 0 |
| Athletic footwear ......................................................................................................... | 0437 |  | 123.1 | 123.1 | 123.1 | 11.8 | 0 |
| Other footwear .................................................................................................................... | 0438 |  |  |  |  |  |  |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989' | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Other leather and related products ............................................................................. | 044 |  | 122.2 | 122.9 | 123.1 | 2.7 | 0.2 |
| Luggage and small leather goods ........................................................................................... | 0441 |  | 120.9 | 121.5 | 121.9 | 2.9 | . 3 |
| Hand luggage .............................................................................................. | 0112 | 12/84 | 104.6 | 104.5 | 105.6 | 2.9 | 1.1 |
| Luggage other than hand luggage ................................................................................ | 0113 | 12/84 | 115.9 | 18.0 | 118.2 | 5.5 | . 2 |
| Women's \& children's handbags \& purses ......................................................................... | 0128 | 06/82 | 122.3 | 122.3 | ${ }^{(2)}$ | (2) | ${ }^{(2)}$ |
| Other personal leather goods ................................................................................ | 0132 | 06/82 | 123.1 | 123.8 | 124.1 | 4.5 | . 2 |
| Gloves | 0442 |  | 117.5 | 117.2 | 118.2 | 3.9 | . 9 |
| All leather dress \& semidress gloves and mittens ....... | 0103 | 06/85 | 117.3 | 117.3 | 117.3 | 5.0 | 0 |
| All leather work gloves and mittens ......................................................................... | 0104 | 06/85 | 115.3 | 114.9 | 116.2 | 3.5 | 1.1 |
| Industrial leather .............................................................................................. | 0443 |  | 134.7 | 138.0 | 137.9 | 2.5 | -. 1 |
| Industrial leather belting/other industrial products ..................................................... | 0103 | 06/85 | 131.6 | 134.8 | 134.7 | 2.5 | -. 1 |
| Footwear cut stock. | 0444 |  | 134.8 | 135.3 | 135.1 | 4 | -. 1 |
| Boot and shoe cut stock and findings ................................................................ | 0102 | 12/84 | 117.3 | 117.7 | 117.6 | 5 | -. 1 |
| Leather/leather-like goods, n.e.c. | 0445 | 06/85 | 109.0 | 110.3 | 110.3 | 3.5 | 0 |
| Leather/leather-like goods, other than belts ...................................................................... | 0101 | 06/85 | 107.9 | 109.9 | 109.8 | 2.6 | -. 1 |
| Leather belts ........................................................................................................... | 0111 | 06/85 | 110.2 | 110.9 | 110.9 | 4.1 | 0 |
| Fuels and related products and power.. | 05 |  | 69.9 | 75.7 | 75.5 | 11.0 | -. 3 |
| Coal .................................................................................................................................. | 051 |  | 93.6 | 94.8 | 96.4 | . 7 | 1.7 |
| Anthracite | 0511 |  | 103.5 | 103.0 | 103.0 | 2.7 | 0 |
| Prepared anthracite shipped ................................................................................................ | 01 |  | 101.4 | 100.8 | 100.8 | 3.3 | 0 |
| Bituminous coal | 0512 |  | 93.5 | 94.8 | 96.3 | . 7 | 1.6 |
| Spot sales of prepared bituminous coal .... | 02 |  | 89.5 | 90.0 | 92.5 | -1.2 | 2.8 |
| Steam electric utilities | 0209 |  | 91.2 | 91.5 | 94.2 | -2.0 | 3.0 |
| Metallurgical/coke producers | 0212 |  | 84.9 | 87.0 | 87.9 | 3.3 | 1.0 |
| All other industrial users .................................................................................................... | 0215 | 06/83 | 87.4 | 88.3 | 90.2 | . 1 | 2.2 |
| Contract sales of prepared bituminous coal | 03 |  | 95.3 | 96.4 | 96.6 | -. 7 | . 2 |
| Steam electric utilities | 0301 |  | 98.9 | 100.4 | 100.5 | -. 7 | 1 |
| Metallurgical/coke producers . | 0303 |  | 81.8 | 80.4 | 82.2 | . 7 | 2.2 |
| All other industrial users .................................................................................. | 0306 |  | 92.3 | 92.8 | 93.0 | -1.4 | 2 |
| Prepared bituminous coal, resid./comm. use ...... | 05 | 12/86 | 79.8 | 79.8 | 95.9 | 24.2 | 20.2 |
| Prepared bituminous coal for export .... | 06 | 12/86 | 87.1 | 87.7 | 89.8 | 2.5 | 2.4 |
| Prepared bituminous coal, intracomp. trans | 07 | 12/86 | 92.5 | 95.3 | 99.3 | 4.7 | 4.2 |
| Unprepared coal ............................................................................................................ | 08 |  | 95.4 | 96.2 | 99.5 | 1.9 | 3.4 |
| Coke oven products .............................................................................................. | 052 |  | 89.1 | 89.9 | 91.2 | 7.3 | 1.4 |
| Coke | 0522 |  |  |  |  |  |  |
| Coke | 0101 |  | 85.9 | 87.9 | 88.6 | 9.8 | . 8 |
| Other coke furnace products ......................................................................................... | 0198 | 12/86 | 113.1 | 108.0 | 112.4 | -1.8 | 4.1 |
| Gas fuels ................................................................................................................................ | 053 |  | 74.0 | 76.0 | 76.4 | 7.5 | . 5 |
| Natural gas ${ }^{3}$ | 0531 |  | 80.5 | 82.7 | 83.9 | 9.5 | 1.5 |
| Interstate ... | 0102 |  | 81.2 | 83.5 | 83.1 | 6.5 | -. 5 |
| Intrastate ................................................................................................................ | 0103 |  | 88.3 | 90.8 | 96.6 | 17.8 | 6.4 |
| Liquefied petroleum gas | 0532 |  | 52.6 | 53.5 | 50.4 | -6.1 | -5.8 |
| Propane ......................... | 0104 |  | 47.5 | 47.7 | 46.8 | -12.2 | -1.9 |
| Butane .......................................................................................................... | 0105 |  | 41.8 | 37.5 | 35.8 | -26.2 | -4.5 |
|  | 0106 |  | 70.7 | 49.6 | 42.4 | -11.9 | -14.5 |
| Other natural gas liquids ........................................................................................................... | 0107 | 06/84 | 55.0 | 65.3 | 61.0 | 9.7 | -6.6 |
| Electric power ........................................................................................................ | 054 |  | 110.9 | 119.2 | 120.8 | 3.4 | 1.3 |
| Commercial power, 40 kw demand .......................................................................... | 0542 |  | 109.3 | 118.4 | 119.0 | 3.5 | . 5 |
| New England ................................................................................................................. | 1101 |  | 98.5 | 100.3 | 114.6 | 9.5 | 14.3 |
| Mid-Atlantic ...................................................................................................... | 1204 |  | 96.6 | 106.9 | 106.8 | 3.8 | -. 1 |
| East North Central .................................................................................................. | 1307 |  | 110.6 | 117.1 | 116.8 | 2.8 | -. 3 |
| West North Central . | 1411 |  | 125.4 | 140.1 | 141.1 | 1.4 | . 7 |
| South Atlantic ......... | 1514 |  | 117.3 | 119.1 | 116.6 | -. 3 | -2.1 |
| East South Central ........................................................................................ | 1617 |  | 117.8 | 119.4 | 119.2 | 3.6 | -. 2 |
| West South Central ..................................................................................... | 1721 |  | 102.1 | 115.3 | 115.4 | 3.0 | 1 |
| Mountain ..................................................-..................................................... | 1824 |  | 107.4 | 115.2 | 115.2 | 2.2 | 0 |
| Pacific ..................................................................................................................... | 1927 |  | 118.9 | 137.0 | 138.7 | 7.3 | 1.2 |
| Industrial power, 500 kw demand ....................................................................................... | 0543 |  | 112.3 | 119.7 | 122.2 | 3.4 | 2.1 |
| New England .................................................................................................... | 1101 |  | 99.2 | 100.9 | 108.8 | 10.6 | 7.8 |
| Mid-Atlantic ...................................................................................................... | 1204 |  | 110.6 | 112.2 | 113.5 | 2.0 | 1.2 |
| East North Central ............................................................................................. | 1307 |  | 113.6 | 117.6 | 117.2 | 2.2 | - 3 |
| West North Central .............................................................................................. | 1411 |  | 128.5 | 151.6 | 151.6 | . 9 | 0 |
| South Atlantic ......................................................................................................................... | 1514 |  | 113.4 | 114.9 | 127.5 | 3.1 | 11.0 |
| East South Central ................................................................................................................... | 1617 |  | 124.1 | 123.4 | 123.0 | 2.8 | -. 3 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual Items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other indexbase | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 19891 | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Basic organic chemicals--Continued. | 0614 |  |  |  |  |  |  |
| Propylene, chemical grade .............. | 0131 |  | 90.7 | 93.1 | 91.4 | 17.9 |  |
| Toluene ............................. | 0141 |  | 114.3 | 102.3 | 91.2 | 4.0 | -10.9 |
| intermediate | 02 |  | 125.9 | 124.8 | 125.7 | 8.7 | . 7 |
| Acetone ..................................................................................................................... | 0202 | 06/87 | ( ${ }^{\text {a }}$ | 96.4 | 101.6 | -2.9 | 5.4 |
| Ethylene oxide | 0221 |  | 279.6 | 279.6 | 281.6 | 118.8 | . 7 |
| Formaldehyde ............................................................................................. | 0231 |  | 137.7 | 120.8 | 115.8 | -15.2 | -4.1 |
|  | 0242 | 06/87 | ${ }^{(2)}$ | 131.4 | 131.4 | ${ }^{(2)}$ | 0 |
| Other intermediate organic chemicals ....................................................................... | 0299 | 06/87 | 115.9 | 117.1 | 117.9 | 8.6 | . 7 |
| Other basic organics ...................................................................................................... | 03 |  | 104.0 | 106.1 | 104.8 | ${ }^{3} 3.7$ | -1.2 |
| Acetic acid ...................... | 0301 |  | 158.0 | 158.1 | 159.9 | ${ }^{(2)}$ | 1.1 |
| Ethanol (ethyl alcohol) ........................................................................................................... | 0341 |  | ${ }^{(2)}$ | ${ }_{1}{ }^{2} 19.4$ | ${ }_{17}{ }^{2}$ | ${ }^{(2)}$ | ${ }^{12}$ |
| Propylene glycol .................................................................................................................... | ${ }^{0375}$ |  | 116.1 | 119.4 120.2 | 119.4 118.3 | 9.6 2.7 | -1.6 |
| Other basic organics ............................................................................................................. | 0399 | 06/87 | 118.1 | 120.2 | 118.3 | 2.7 | -1.6 |
| Paints and allied products | 062 |  | 121.7 | 124.0 | 124.6 | 9.6 | . 5 |
| Prepared paint | 0621 |  | 117.7 | 119.2 | 120.3 | 6.4 | . 9 |
| Architectural coatings | 01 |  | 125.6 | 126.0 | 127.8 | 7.5 | 1.4 |
| Interior water based paint ... | 0101 |  | 130.5 | 131.3 | 133.1 | 9.2 | 1.4 |
| Interior solvent based paint | 0131 |  | 126.9 | 126.6 | 130.5 | 7.7 | 3.1 |
| Exterior solvent based paint | 0171 | 06/83 | 122.6 | 122.9 | 122.8 | 2.9 | -. 1 |
| Exterior water based paint ...... | 0181 | 06/83 | 114.1 | 114.5 | 116.3 | 8.4 | 1.6 |
| OEM finishes ... | 02 |  |  |  |  |  |  |
| OEM finishes | 0201 | 06/83 | 108.5 | 109.9 | 110.7 | 4.8 | . 7 |
| Special purpose coatings .................................................................................................... | 03 |  |  |  |  |  |  |
| Special purpose coatings ................................................................................................... | 0301 | 06/83 | 114.4 | 118.2 | 118.3 | 6.5 | . 1 |
| Paint materials | 0622 |  | 130.0 | 133.9 | 133.0 | 14.6 | -. 7 |
| Paint resins | 01 |  | 118.2 | 117.8 | 115.8 | 12.1 | -1.7 |
| Alkyd resins | 0132 | 12/86 | 109.5 | 112.2 | 112.4 | ${ }^{(2)}$ | . 2 |
| Paint colors .................................................................................................. | 02 |  | 133.3 | 137.7 | 137.9 | 8.8 | . 1 |
| Iron oxide pigments | 0206 | 06/83 | 127.1 | 128.0 | 127.7 | 5.4 | -. 2 |
| Titanium pigments ... | 0209 |  | 139.0 | 146.5 | 145.9 | 14.0 | -. 4 |
| Colored lead pigments | 0212 | 06/83 | 163.7 | 161.5 | 170.9 | 6.1 | 5.8 |
| Phthalocyanine blue (blue 15) | 0216 |  | 122.1 | 131.9 | 131.9 | 10.0 | 0 |
| All other organic pigments ... | 0298 | 06/87 | 113.1 | 116.8 | 116.8 | 7.1 | 0 |
| All other inorganic pigments ............. | 0299 | 06/83 | 122.0 | 121.7 | 123.1 | 2.4 | 1.2 |
| Paint solvents ........ | 03 |  | 96.0 | 100.3 | 98.1 | 30.6 | -2.2 |
| Paint fillers. | 04 |  | 110.7 | 110.5 | 110.8 | 3.4 | . |
| Kaolin and ball clay | 0407 |  | 128.0 | 127.6 | 127.8 | 3.4 | 2 |
| Talc, soapstone and pyrophylite ............................................................................. | 0409 |  | 117.9 | 117.9 | 120.6 | 4.1 | 2.3 |
| Allied and miscellaneous paint products. | 0623 | 06/83 | 119.2 | 121.4 | 124.8 | 10.1 | 2.8 |
| Thinners for dopes, lacquers \& oleoresinous thinners .... | 0112 | 12/88 | 109.1 | 112.9 | 112.9 | ${ }^{(2)}$ | 0 |
| Misc. related prod., inc putty, brush cleaners, etc. ............................................................... | 0113 | 12/88 | 102.6 | 103.2 | 107.6 | ${ }^{(2)}$ | 4.3 |
| Drugs and pharmaceuticals ....................................................................................................... | 063 |  | 157.7 | 159.8 | 160.9 | 7.8 | . 7 |
| Medicinal and botanical chemicals | 0631 |  | 100.2 | 102.2 | 102.1 | 6.6 | -. 1 |
| Synthetic organic medicinal chemicals, bulk | 0201 | 06/82 | 98.2 | 100.0 | 99.9 | 6.7 | -. 1 |
| Other medicinals and botanicals, bulk .............................................................. | 0202 | 06/82 | 105.1 | 108.7 | 108.7 | 5.5 | 0 |
| Preparations, ethical (prescription) .- | 0635 |  | 180.3 | 182.8 | 184.7 | 9.4 | 1.0 |
| Systemic anti-infectives ................ | 01 |  | 135.8 | 141.4 | 141.5 | 5.0 | 1 |
| Cephalosporins ........... | 0111 |  | 153.8 | 161.6 | 161.6 | -. 4 | 0 |
| Erythromycins ......... | 0113 |  | 116.4 | 119.1 | 118.0 | 2.3 | -. 9 |
| Tetracyclines | 0114 |  | 136.1 | 141.1 | 141.0 | 9.2 | -. 1 |
| Other broad and medium spectrum antibiotics .............. | 0119 |  | 113.1 | 114.9 | 114.9 | 6.0 | 0 |
| Systemic penicillins .................................................................................................. | 0129 | 06/87 | 105.1 | 114.1 | 115.3 | 6.5 | 1.1 |
| Urinary antibacterials ............................................................................................. | 0139 |  | 209.8 | 212.9 | 213.0 | 16.9 | 0 |
| Anti-arthritics ................................................................................ | 02 |  | 129.5 | 133.0 | 133.0 | 4.9 | 0 |
| Sedatives ..... | 03 |  | 328.0 | 365.0 | 367.5 | 16.1 | . 7 |
| Cardiovascular therapy ........... | 06 |  | 198.8 | 199.6 | 200.8 | 8.0 | . 6 |
| Antihypertensive drugs ... | 0611 |  | 201.6 | 199.1 | 201.0 | 5.7 | 1.0 |
| Vasodilators .............. | 0612 |  | 174.8 | 175.8 | 176.1 | 12.2 | . 2 |
| Other cardiovasculars ........................................................................................ | 0619 |  | 197.7 | 201.2 | 202.0 | 8.3 | 4 |
| Diabetes therapy ............................................................................................................ | 07 |  | 129.0 | 132.8 | 133.2 | 7.3 | . 3 |
| Hormones ............................................................................................................... | 08 |  | 147.0 | 134.2 | 134.8 | 11.9 | . 4 |
| Diuretics ........................................................................................................................ | 09 |  | 170.3 | 176.4 | 178.4 | 13.6 | 1.1 |
| Dermatologicals ....................................................................................................... | 11 |  | 171.0 | 177.7 | 179.4 | 8.9 | 1.0 |
| Fungicides ....................................................................................................................... | 1111 |  | 170.6 | 177.5 | 177.5 | 8.7 | 0 |
| Antipruritics .......... | 1112 |  | 196.2 | 209.9 | 214.9 | 17.0 | 2.4 |
| Acne preparations ................... | 1113 | 12/87 | 108.8 | 111.4 | 111.4 | 9.3 | 0 |
| Topical anti-infectives ............................................................................................. | 1114 | 12/87 | 100.4 | 100.7 | 100.8 | . 5 | . 1 |
| Analgesics, internal ......... | 13 |  | 197.1 | 199.5 | 204.7 | 13.3 | 2.6 |
| Narcotic analgesics ....................................................................................... | 1312 | 12/87 | 120.7 | 120.7 | 120.7 | 16.6 | 0 |
| Non-narcotic analgesics ...................................................................................... | 1323 |  | 137.4 | 139.7 | 144.7 | 12.2 | 3.6 |
| Cough and cold preparations ................................................................................................ | 15 |  | 185.9 | 186.9 | 186.9 | 7.7 | 0 |
| Nasal decongestants ........................................................................................................... | 1512 | 12/87 | 120.4 | 120.4 168.8 | 120.4 168.8 | ${ }_{14.5}^{(2)}$ | 0 |
| Vitamins ........................................................................................................................... | 16 |  | 168.8 | 168.8 | 168.8 | 14.5 | 0 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual Items-Continued

| Commodity | $\underset{\text { code }}{\text { Commodity }}$ | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 19891 | June 1989' | July 1989 ${ }^{\prime}$ | July 1988 | June 1989 |
| Preparations, ethical (prescription)--Continued ......................................................................... | 0635 |  |  |  |  |  |  |
| Multivitamins ......................................................................................................................................................... | 1611 |  | 192.6 | 192.6 | 192.6 | 15.7 | 0 |
| Miscellaneous ethical preparations .............................................................................................................. | 99 |  | 225.9 | 229.2 | 232.9 | 11.6 | 1.6 |
| Anticonvulsants .......................... | 9914 |  | 212.1 | 221.1 | 226.9 | 8.5 | 2.6 |
| Systemic antihistamines .................................................................................. | 9915 |  | 232.4 | 242.5 | 242.5 | 13.6 | 0 |
|  | 9916 |  | 242.2 | 242.6 | 244.7 | 24.4 | 9 |
| Cancer therapy products .......................................................................................................................................... | 9917 |  | 259.9 | 259.9 | 260.5 | 9.5 | . 2 |
| CNS stimulants ............................................................................................. | 9918 |  | 295.4 | 295.4 | 321.7 | 36.7 | 8.9 |
|  | 9922 |  | 198.1 | 198.1 | 205.7 | 17.3 | 3.8 |
| Nutrients and supplements ......................................................................................... | 9923 |  | 176.6 | 176.6 | 181.7 | 11.5 | 2.3 |
| Opthalmic and otic preparations .................................................................................................. | 9924 |  | 216.3 | 218.6 | 218.6 | 8.1 | 0 |
|  | 9925 |  | 246.3 | 256.0 | 260.2 | 13.0 | 1.6 |
| Other miscellaneous ethical preparations ............................................................................ | 9999 |  | 178.6 | 180.4 | 182.6 | 8.2 | 1.2 |
| Preparations, proprietary (over counter) ..................................................................... | 0636 |  | 150.8 | 152.2 | 152.9 | 5.1 | . 5 |
| Vitamins ........................................................................................................... | 01 |  | 121.9 | 123.6 | 123.7 | 4.3 | . 1 |
| Adult multivitamins ......................................................................................... | 0111 |  | 121.8 | 124.0 | 124.1 | 2.8 | . 1 |
| B-complex ................................................................................................. | 0112 |  | 118.4 | 122.3 | 122.1 | 8.2 | -. 2 |
| Cough and cold preparations ..................................................................................... | 02 |  | 148.9 | 150.8 | 152.9 | 4.2 | 1.4 |
| Cough syrups, expectorants, drops, lozenges, etc. .......................................... | 0221 |  | 135.0 | 135.8 | 136.1 | 2.3 | . 2 |
| Cold tablets, capsules ............................................................................................ | 0222 |  | 154.7 | 158.9 | 158.9 | 2.7 | 0 |
| Decongestants .......................................................................................................... | 0223 |  | 180.2 | 180.2 | 184.0 | 6.5 | 2.1 |
| Other cough and cold preparations .................................................................................... | 0229 |  | 151.5 | 152.7 | 158.8 | 6.4 | 4.0 |
| Laxatives .............................................................................................................................. | ${ }^{03}$ |  | 143.9 | 143.9 | 143.9 | 6.4 8.0 | 0 |
| Analgesics, internal | 04 |  | 177.2 | 179.2 | 179.2 | ${ }^{12} 8$ | ${ }^{0}$ |
|  | 0412 |  | 132.1 | ${ }_{105}{ }^{2}$ | ${ }_{1}^{1058}$ | ${ }^{(2)} 17$ | $1{ }_{0}$ |
| External analgesics and counterinitants .................................................................................. | 06 07 |  | 105.6 135.2 | 105.8 135.2 | 135.2 | 4.7 | 0 |
| Antacids | 08 |  | 147.6 | 149.8 | 151.3 | 3.9 | 1.0 |
| Dermatologicals .............. | 09 |  | 152.7 | 155.4 | 155.4 | 3.7 | 0 |
| Acne preparations. | 0911 |  | 131.0 | ${ }^{2}{ }^{2}$ | ${ }^{2}$ ) | ${ }^{(2)}$ | ( ${ }^{2}$ |
| Antiprurities ................ | 0915 | 12/87 | 105.5 | 105.5 | 105.5 | 1.2 | 0 |
| Other dermatologicals . | 0919 |  | 171.7 | 173.5 | 173.5 | 3.8 | 0 |
| Miscellaneous proprietary preparations. | 99 |  | 168.3 | 168.7 | 169.0 | 6.0 | 2 |
| Nutrients and supplements ............................................................................................. | 9917 | 12/87 | 103.3 173.8 | 103.7 | 106.2 | 3.7 6.4 | 2.4 |
| Other miscellaneous proprietary preparations ....................................................................... | 9999 |  | 173.8 | 173.8 | 173.8 | 6.4 | 0 |
| Biological products | 0637 |  | 135.4 | 134.5 | 135.0 | 1.9 | . 4 |
| Blood \& derivatives, human use | 11 |  | 113.4 | 113.2 | 112.9 | 4.7 | -. 3 |
| Other blood derivatives. | 1104 |  | 112.7 | 112.4 | 111.9 | 5.2 | -. 4 |
| Vaccines, toxoids, \& antigens ............................................................. | 12 |  | 172.5 | 162.9 | 172.5 | 5.9 | 5.9 |
| Diagnostics \& other biologicals ................................................................. | 14 |  | 148.1 | 148.2 | 147.7 | 7 | -. 3 |
| Diagnostic substances ......... | 1402 |  | 118.6 | 118.7 | 118.3 | 7 | -. 3 |
| Allergenic products ................. | 1403 |  | 179.8 | 179.8 | 179.8 | 0 | 0 |
| Biologicals for veterinary use .. | 15 |  | 91.1 | 91.1 | 91.1 | 1.6 | 0 |
| Vaccines \& viruses, vet. use ................................................................................................. | 1514 |  | 91.1 114.4 | 91.1 113.6 | 91.1 114.5 | 2.0 | . 8 |
| Biological prod. for indus. \& other uses .................................................................. | 16 | 06/87 | 114.4 | 113.6 | 114.5 | . 5 | . 8 |
| Fats and oils, inedible ............................................................................................ | 064 |  | 101.8 | 100.0 | 94.2 | -23.4 | -5.8 |
| Fats and oils, inedible | 0641 |  |  |  |  |  |  |
| Fish and marine animal oil ........ | 0121 |  | 127.4 | 121.9 | 110.5 | -32.9 | -9.4 |
| Tallow, incl. inedible animal stearin .............................................................................. | 0151 |  | 97.9 | 98.2 | 92.4 | -23.1 | -5.9 |
| Grease, other than wool grease .......................................................................................... | 0181 | 12/82 | 115.0 | 108.2 | 103.1 | -21.7 | -4.7 |
| Agricultural chemicals and chemical prod ..................................................................... | 065 |  | 114.3 | 110.1 | 107.1 | 3.6 | -2.7 |
| Mixed fertilizers .................................................................................................... | 0651 |  | 109.2 | 106.4 | 104.7 | 2 | -1.6 |
| Fertilizer materials ................................................................................................ | 0652 |  | 112.9 | 104.1 | 97.7 | . 8 | -6.1 |
| Nitrogenates .............................................................................................................. | 01 |  | 110.9 | 98.4 | 88.0 | -2.9 | -10.6 |
| Anhydrous ammonia ............................................................................................. | 0105 |  | 116.6 | 95.8 | 83.6 | -5.4 | -12.7 |
| Solid \& solution nitrate ........................................................................................ | 0111 |  | 93.0 | 94.2 | 93.7 | 18.5 | -. 5 |
| Nitrogen solutions ............................................................................................................... | 0126 |  | 117.8 | 114.0 | 100.0 | -1.3 | -12.3 |
| Urea .............................................................................................................. | 0136 |  | 101.9 | 87.2 | 75.7 | -13.2 | -13.2 |
| Phosphates .............................................................................................. | 02 |  | 113.3 | 108.0 | 105.4 | 4.0 | -2.4 |
| Phosphate rock, processed ........................ | 0259 | 12/82 | 86.4 | 87.7 | 90.0 | 10.6 | 2.6 |
| Triple superphosphates .......................................................................................... | 0263 |  | 120.2 | 108.7 | 100.9 | -12.6 | -7.2 |
| Ammonium phosphates ....................................................................................... | 0265 |  | 111.3 | 99.5 | 96.9 | -6.4 | -2.6 |
| Other agricultural chemicals .................................................................................... | 0653 |  | 114.1 | 115.0 | 115.7 | 7.5 | 6 |
| Nonhousehold insecticides .................................................................................... | 0101 | 06/82 | 119.2 | 120.8 | 120.8 | 3.8 | 0 |
| Nonhousehold herbicides ..................................................................................... | 0102 | 06/82 | 108.7 | 109.7 | 110.8 | 11.7 | 1.0 |
| Nonhousehold fungicides ......................................................................................... | 0103 | 06/82 | 97.8 | 97.4 | 97.7 | 4.5 | 3 |
| Other nonhousehold pesticides .............................................................................................. | 0104 | 06/82 | 119.0 | 119.2 | 119.8 | -4.9 | 5 |
| Household pesticides ............................................................................................................. | 0105 | 06/82 | 107.1 | 107.4 | 107.4 | 2.5 | 0 |
| Plastic resins and materials ............................................................................................... | 066 |  | 140.6 | 138.8 | 137.2 | 1.8 | -1.2 |
| Thermoplastic resins ................................................................................................. | 0662 |  | 144.4 | 141.7 | 139.7 | . 5 | -1.4 |
| Polyester resins, saturated ...................................................................................... | 02 |  |  |  |  |  |  |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 $=100$ unless otherwise indicated)

| Commodity | $\underset{\text { code }}{\text { Commodity }}$ | $\begin{aligned} & \text { Other index } \\ & \text { base } \end{aligned}$ | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 19891 | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Thermoplastic resins--Continued | 0662 |  |  |  |  |  |  |
| Polyester resins saturated..... | 0201 |  | 149.5 | 151.1 | 151.6 | 11.8 | 0.3 |
| Low density polyethylene resins | 03 |  | 196.5 | 187.3 | 186.5 | 4.4 | -. 4 |
| PE resin, low, film and sheeting. | 0301 |  | 206.0 | 198.7 | 196.5 | 10.2 | -1.1 |
| PE resin, low, for all other users, except LDPE ....... | 0303 |  | 163.2 | 158.7 | 159.4 | 1.1 | . 4 |
| High density polyethylene resins .................................................................................. | 04 |  | 164.4 | 158.3 | 152.2 | -4.9 | -3.9 |
| PE resin, high, blow molding ..... | 0401 |  | 164.5 | 161.0 | 156.1 | -2.3 | -3.0 |
| PE resin, high, for all other users. | 0402 | 12/86 | 172.1 | 164.2 | 157.2 | -6.2 | -4.3 |
| Polypropylene resins ............... | 05 |  | 120.3 | 115.1 | 114.5 | -6.8 | -. 5 |
| Polypropylene for injection molding | 0501 |  | 124.8 | 118.2 | 117.0 | -9.3 | -1.0 |
| Polypropylene for fiber and filament | 0502 |  | 128.8 | 123.9 | 121.9 | -10.5 | -1.6 |
| Styrene plastics materials ............................................................................................ | 06 |  | 134.4 | 132.8 | 130.2 | -2.5 | -2.0 |
| All other styrene plastic materials ..................................................................... | 0609 | 06/83 | 150.4 | 149.3 | 145.8 | 4.1 | -2.3 |
| Vinyl and vinylidene resins ................................................................................ | 07 |  | 138.9 | 137.5 | 135.6 | -. 1 | -1.4 |
| Polyvinyl chloride .-....................................................................................................... | 0701 |  | 139.5 | 137.9 | 136.0 | -. ${ }^{1}$ | -1.4 |
| Nylon resins ... | 08 | 06/83 | 93.9 | 103.1 | 101.6 | 11.8 | -1.5 |
| Other thermoplastic resins. | 09 |  | 112.2 | 114.4 | 113.5 | 5.9 | -. 8 |
| Other nonengineering thermoplastic resins ....................................................................... | 0901 |  | 117.9 | 118.4 | 118.4 93.9 | ${ }^{(2)} 10$ | -27 |
| Other engineering thermoplastic resins .......................................................................... | 0902 | 06/83 | 93.8 | 96.5 | 93.9 | 1.0 | -2.7 |
| Thermosetting resins | 0663 |  | 124.9 | 127.8 | 128.4 | 9.9 | . 5 |
| Phenolic \& tar acid resins | 02 |  | 162.6 | 164.4 | 167.4 | 18.2 | 1.8 |
| Phenolic molding compounds | 0201 |  | 132.4 | 132.2 | 132.2 | 8.1 | 0 |
| All other phenolic \& tar acid resins ................................................................... | 0202 |  | 171.0 | 173.4 | 177.3 | 20.9 | 2.2 |
| All other thermosetting resins ......................................................................... | 05 |  | 119.5 | 123.4 | 123.3 | 7.3 | -. 1 |
| All other thermosetting resins ........................................................ | 0599 |  | 118.9 | 122.1 | 122.1 | 7.3 | 0 |
| Other chemicals and allied products. | 067 |  | 116.8 | 117.7 | 117.8 | 4.7 | . 1 |
| Soap and synthetic detergents | 0671 |  | 119.7 | 121.1 | 120.3 | 4.6 | -. 7 |
| Soaps \& synth. detergents, ex. glycerin | 04 | 06/83 | 114.9 | 116.3 | 115.6 | 4.9 | -. 6 |
| Soaps and detergents, nonhousehold ............................................................ | 0401 | 06/83 | 121.0 | 124.3 | 124.6 | 7.1 | 2 |
| Household detergents | 0402 |  | 111.6 | 112.7 | 111.4 | 3.4 | -1.2 |
| Household soap, except specially cleaners .............................................................. | 0403 | 06/83 | 131.5 | 131.6 | 131.6 | 6.2 | 0 |
| Specialy cleaning, polish. \& san. prods.. | 0672 | 06/83 | 115.9 | 117.6 | 119.0 | 6.5 | 1.2 |
| Household bleaches ................... | 0101 | 06/83 | 114.1 | 116.8 | 117.7 | 8.1 | . 8 |
| Specialty cleaning and sanitation products | 0102 | 06/83 | 115.1 | 116.7 | 118.6 | 6.8 | 1.6 |
| Polishing preparations and related products ..................................................................... | 0103 | 06/83 | 118.1 | 119.3 | 119.3 | 4.4 | 0 |
| Cosmetics and other toilet preparations | 0675 |  | 119.1 | 119.3 | 118.7 | 1.3 | -. 5 |
| Shaving preparations .................. | 02 |  | 104.4 | 106.2 | 107.2 | 2.5 | . 9 |
| Aftershave preparations .............. | 0205 |  | 98.9 | 101.7 | 103.2 | 4.0 | 1.5 |
| Perfume, cologne \& toilet water ...... | 03 |  | 126.9 | 124.0 | 122.4 | -2.1 | -1.3 |
| Perfume ................................. | 0301 |  | 122.5 | 122.7 | 122.7 | 6.3 | 0 |
| Cologne and toilet water ........... | 0305 |  | 128.8 | 124.4 | 121.9 | -5.9 | -2.0 |
| Hair preparations ............. | 04 |  | 118.3 | 119.4 | 117.7 | 1.1 | -1.4 |
| Synthetic organic detergent shampoo | 0405 |  | 103.6 | 103.0 | 101.9 | . 4 | -1.1 |
| Hair tonics (inc. conditioners) ..... | 0411 |  | 113.5 | 113.6 | 109.0 | 1.5 | -4.0 |
| Hair dressings ...................................................................................................... | 0421 |  | 124.7 | 124.8 | 124.4 | 1.2 | -. 3 |
| Hair spray (aerosol) .............................................................................................. | 0425 |  | 110.5 | 110.6 | 110.6 | 3 | 0 |
| Home and commercial permanents ........................................................................ | 0431 |  | 115.4 | 121.2 | 115.0 | . 7 | -5.1 |
| Hair coloring ... | 0441 |  | 156.6 108.9 | 159.1 107.4 | 159.1 107.4 | 1.5 .1 | 0 |
| Dentifrices | ${ }_{0501} 05$ |  | 108.9 106.2 | 107.4 103.8 |  | - 2.4 | 0 |
| Toothpaste Creams | 0501 06 |  | 106.2 129.4 | 103.8 130.6 | 103.8 130.0 | -2.4 5.2 | . 5 |
| Cleansing creams | 0601 |  | 131.5 | 135.3 | 135.3 | 8.9 | 0 |
| Foundation creams | 0602 |  | 127.9 | 127.9 | 125.4 | . 1 | -2.0 |
|  | 0603 |  | 127.1 | 127.4 | 127.4 | 6.0 | 0 |
| Other creams .... | 0604 |  | 130.3 | 130.3 | 130.3 | 4.2 | 0 |
| Lotions and oils | 07 |  | 119.6 | 119.7 | 119.6 | -1.5 | . 1 |
| Suntan \& sunscreen ............................................................................................... | 0701 |  | 124.3 | 124.3 | 124.3 | 1.3 | 0 |
| Cleansing lotion and cosmetic oils ............................................................................... | 0702 |  | 113.0 | 112.7 | 112.8 | ${ }^{(2)}$ | . 1 |
| Hand lotions ....................................................................................................... | 0704 |  | 124.6 | ${ }^{(2)}$ | ${ }^{2}$ ) |  | ${ }^{(2)}$ |
| Other lotions and oils ............................................................................................ | 0705 |  | 111.3 | 111.8 | 111.4 | -7.9 | -. 4 |
| Cosmetics .......................................................................................................... | 08 |  | 123.6 | 125.0 | 125.6 | . 9 | . 7 |
| Lip preparations .................................................................................................. | 0801 |  | 99.1 | 98.7 | 100.4 | -5.6 | 1.7 |
|  | 0802 |  | 123.1 | 129.1 | 129.1 | 7.8 | 0 |
| Eye preparations ................................................................................................................... | 0803 |  | 147.5 | 148.9 | 148.8 | 2.8 | -. 1 |
| Deodorant ......................................................................................................... | 09 |  | 114.7 | 123.6 | 116.3 | 2.6 | -5.9 |
| Cream, liquid and roll-on deodorant ........................................................................ | 0902 |  | 124.9 | 125.7 | 123.2 | 3.6 | -2.0 |
| Manicure preparations ............................................................................................. | 11 |  | 119.3 | 119.6 | 119.6 | -. 9 | 0 |
| Powders ................................................................................................ | 12 |  | 125.8 | 125.8 | 125.8 | 4.0 | 0 |
| Face powder .................................................................................. | 1202 |  | 129.6 | 129.6 | 129.6 | 1.3 | 0 |
| Wet application powder ...................................................................................... | 1203 |  | 123.7 | 123.7 | 123.7 | 0 | 0 |
| Other cosmetics and toiletries ........................................................................................ | 19 |  |  |  |  |  |  |
| Other cosmetics and toiletries ........... | 1901 |  | 112.9 | 109.1 | 109.1 | -3.4 | 0 |
| Misc. chemical prod. and preparations ........................................................................ | 0679 |  | 113.8 | 114.6 | 115.2 | 6.6 | . 5 |
| Essential oils .................................... | 01 |  | 159.8 | 159.8 | 159.8 | 43.7 | 0 |
| Explosives ................................................................................................................. | 02 |  | 116.0 | 117.3 | 116.7 | 7.5 | -. 5 |

See tootnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 $=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989' | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Misc. chemical prod. and preparations--Continued ......... | 0679 |  |  |  |  |  |  |
| Other blasting accessories ............................................................................................................... | 0225 |  | 130.4 | 130.4 | 130.4 | -6.1 | 0 |
| ANFO, except slury ..................................................................................... | 0231 |  | 116.9 | 122.0 | 119.0 | ( ${ }^{(2)}$ | -2.5 |
| Other industrial explosives ....................................................................................................... | 0233 |  | 127.2 | 128.4 | 127.7 | 9.8 | -. 5 |
| Propellants ................................................................................................... | 0235 | 06/88 | 100.4 | 102.2 | 102.2 | 2.2 | 0 |
| Industrial gases ............................................................................................... | 03 |  | 118.4 | 118.1 | 115.8 | 5.5 | -1.9 |
|  | 0301 |  | 116.8 | 116.8 | 116.8 | 5.2 | 0 |
| Carbon dioxide ......................................................................................... | 0302 |  | 95.6 | 95.6 | 95.6 | 2.2 | 0 |
| Nitrogen ......... | 0303 |  | 100.4 | 99.5 | 95.0 | -4.4 | -4.5 |
| Oxygen ... | 0304 |  | 136.5 | 136.5 | 136.5 | 20.5 | 0 |
| Adhesives and sealants | 04 | 12/83 | 121.7 | 122.3 | 121.8 | 7.5 | -. 4 |
| Natural base glues and adhesives | 0401 | 12/83 | 120.2 | 120.4 | 120.9 | 5.2 | . 4 |
| Synthetic resin and rubber adhesives | 0402 | 12/83 | 123.1 | 123.6 | 123.1 | 8.6 | -. 4 |
| Caulking compounds and sealants ................................................................................. | 0403 | 12/83 | 113.3 | 114.5 | 113.1 128.3 | 4.3 7.5 | -1.2 1.6 |
| Surface active agents ........................................................................................................ | 05 | 12/83 | 125.2 112.9 | 126.3 116.5 | 128.3 116.5 | 7.5 9.4 | 1.6 |
| Textile and leather assistants and Bulk surfactants | 0501 0502 | $12 / 83$ $12 / 83$ | 112.9 126.4 | 16.5 127.2 | 16.5 129.4 | 9.4 7.4 | 1.7 |
| Gum and wood chemicals ............................................................................... | 06 | 06/84 | 107.5 | 110.3 | 110.3 | 4.8 | 0 |
| Hardwood distillation products ........................................................................ | 0603 | 06/84 | 115.1 | 114.7 | 114.7 | 3.1 | 0 |
| Tall oils ...................................................................................... | 0606 |  | 117.0 | 118.4 | 118.4 | -1.9 | 0 |
| Other miscellaneous chemical products ........................................... | 09 |  | 102.9 | 103.9 | 105.2 | 5.1 | 1.3 |
| Salt, evaporated and solar ................ | 0904 | 06/85 | 100.5 | 100.1 | 100.1 | 2.1 | 0 |
| Carbon, black ...................... | 0918 | 12/83 | 76.3 | 81.1 | 80.8 | 1.6 | -. 4 |
| Printing ink .................. | 0919 | 06/84 | 111.6 | 113.8 | 116.9 | 5.3 | 2.7 |
| Automotive chemicals | 0951 | 06/85 | 141.3 | ${ }^{(2)}$ | 139.7 | 5.6 | (2) |
| Water-treating compounds .............................................................................................. | 0961 | 06/85 | 106.5 | 107.7 | 107.7 113.6 | 2.4 7.5 | - 4 |
| Other chemical preparations, n.e.c. ....................................................................................... | 0999 | 06/85 | 111.3 | 113.1 | 113.6 | 7.5 | . 4 |
| fubber and plastlc producta | 07 |  | 112.7 | 112.8 | 112.6 | 2.6 | -. 2 |
| Rubber and rubber products ...................................................................................... | 071 |  | 106.8 | 107.2 | 106.8 | 3.0 | -. 4 |
| Rubber, except natural rubber .................................................................................................... | 0711 |  | 108.7 | 107.7 | 106.9 | -1.8 | -. 7 |
| Synthetic rubber ....................................................................................................... | 02 |  | 109.3 | 108.3 | 107.6 | -1.7 | -. 6 |
| Styrene butadiene-solid | 0219 |  | 110.6 | 105.7 | 104.2 | -6.8 | -1.4 |
| Other synthetic rubber | 0299 |  | 110.9 | 112.2 | 111.8 | 5.1 | -. 4 |
| Reclaimed rubber ................................................................................................. | 0321 |  | 95.6 | 96.7 | 85.2 | $(2)^{2}$ | -11.9 |
| Tires, tubes, tread, \& repair materials ........................................................................... | 0712 |  | 97.1 | 98.0 | 97.2 | 3.1 | -. 8 |
| Tires .................................................... | 01 |  | 96.7 | 97.6 | 96.7 | 3.0 | -. 9 |
| Passenger car pneumatic tires, radials ........................................................ | 0103 |  | 92.4 | 93.8 | 93.8 | 4.2 | 0 |
| Truck/bus tires, including off-highway ........................................................................... | 0105 |  | 97.7 | 98.4 | 95.6 | 2.6 | -2.8 |
| Other pneumatic and all solid tires ..... | 0121 | 06/83 | 108.2 | 108.4 | 108.4 | ${ }^{(2)}$ | 0 |
| Truck/bus inner tubes ............................................................................................ | 0223 |  | 102.0 | 102.0 | 102.0 |  | 0 |
| Tread rubber, tire sundries, \& repair mati .... | 03 |  | 108.0 | 109.6 | 109.1 | 2.3 | -. 5 |
| Tread rubber, natural and synthetic ........................................................... | 0351 |  | 101.9 | 103.9 | 103.4 | 1.6 | -. 5 |
| Other tire sundries and repair materials, n.e.c. ............................................................. | 0353 |  | 130.2 | 130.2 | 130.0 | 4.5 | -. 2 |
| Miscellaneous rubber products . | 0713 |  | 117.4 | 117.7 | 117.9 | 4.7 | . 2 |
| Footwear. | 01 |  | 118.2 | 120.8 | 120.5 | 4.5 | -. 2 |
| Protective footwear | 0107 |  | 123.9 | 124.6 | 124.9 | 7.1 | . 2 |
| Non-protective footwear, fabric upper .................................................................. | 0108 | 12/86 | 106.4 | 109.1 | 108.8 | 4.0 | -. 3 |
| Rubber belts and belting ................................................................................. | 03 |  | 111.1 | 112.3 | 113.7 | 7.3 | 1.2 |
| Conveyor and elevator ........ | 0361 |  | 113.9 | 118.8 | 119.6 | 10.2 | . 7 |
| Non-flat rubber and plastic belts .......................................................................................... | 0369 | 06/83 | 103.9 | 105.5 | 106.2 | 7.2 | 7 |
| Rubber hose | 04 |  | 121.2 | 117.2 | 117.7 | 7.8 | 4 |
| Hose, long length, textile, nonhydraulic . | 0453 |  | 138.2 | 107.2 | 112.8 | 9.3 | 5.2 |
| Hose, braided or loomed, helical reinforced ............ | 0463 |  | 91.2 | 91.2 | 91.2 | 2.1 | 0 |
| Hose, hydraulic .................................................. | 0481 |  | 106.5 | 110.8 | 108.5 | 4.8 | -2.1 |
| Hose, mandrel made, textile, nonhydraulic ....................................................................... | 0482 |  | 124.5 | 124.2 | 125.6 | . 2 | 1.1 |
| Hose, mandrel made, wire, nonhydraulic ........... | 0483 |  | 79.1 | 79.1 | 77.3 | 7.5 | -2.3 |
| All other rubber hose ........................... | 0484 |  | 115.3 | 115.8 | 115.0 | 4.2 | -. 7 |
| Rubber roll covering ....................... | 05 |  | 126.6 | 126.6 | 127.2 | 2.7 | . 5 |
| Steel mill roll covering ........................ | 0503 |  | 127.8 | 127.8 | 127.8 | 1.2 | 0 |
| All other, roll covers ................................................................................................................ | 0504 |  | 139.7 | 139.7 | 141.0 | 2.0 | . 9 |
| Miscellaneous rubber products, n.e.c .................................................................................... | 06 | 06/83 | 112.6 | 113.3 | 113.3 | 3.9 | 0 |
| Molded rubber mechanical goods ......................................................................... | 0602 | 06/83 | 104.2 | 104.8 | 105.0 | 5.1 | . 2 |
| Extruded and lathe cut, mechanical rubber goods .................................................... | 0603 | 06/83 | 113.6 | 113.7 | 113.7 | . 9 | 0 |
| Industrial rubber products, n.e.c. ............. | 0604 | 06/83 | 126.1 | 127.7 | 129.8 | 4.8 | 1.6 |
| Rubber clothing and coated fabrics ........................................................ | 0605 | 06/83 | 109.4 | 109.8 | 110.2 | 2.2 | 4 |
| Other rubber goods ............................................................................................ | 0606 | 06/83 | 117.1 | 117.6 | 117.6 | 5.4 | 0 |
| Sponge and foam rubber ..................................................................................... | 0607 | 06/83 | 125.6 | 125.6 | 125.6 | 4.7 | 0 |
| Rubber floor and wall coverings ...................................................................... | 0608 | 06/83 | 105.5 | 106.8 | 106.8 | 2.2 | 0 |
| Rubber druggist and medical sundries, exc. gloves ........................................................... | 0611 | 06/83 | 113.0 | 114.6 | 114.6 | 5.9 | 0 |
| Compounds or mixtures ......................... | 0612 | 06/83 | 102.8 | 102.8 | 102.8 | (2) | 0 |
| Rubber gloves ................................................................................................................. | 0613 | 12/88 | 102.3 | 105.8 | 100.2 | ${ }^{(2)}$ | -5.3 |
| Plastic products ................................................................................................................... | 072 |  | 118.5 | 118.5 | 118.3 | 2.3 | -. 2 |
| Plastic construction products ................................................................................................... | 0721 |  | 120.6 | 120.3 | 120.2 | -1.2 | -. 1 |
| Plumbing products ............................................................................................... | 0601 |  | 123.7 | 121.3 | 120.6 | -6.7 | -. 6 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual Items-Continued (1982 = 100 unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 $=100$ unless otherwise indicated)

| Commodity | $\underset{\text { code }}{\text { Commodity }}$ | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Woodpulp | 0911 |  | 153.7 | 158.3 | 159.4 | 14.5 | 0.7 |
| Paper-making woodpulp | 02 |  | 171.4 | 176.9 | 176.8 | 14.1 | -. 1 |
| Softwood sulfate, bleached and semibleached ........................................................... | 0211 |  | 178.1 | 184.7 | 184.3 | 15.3 | -. 2 |
| Hardwood sulfate, bleached and semibleached ............................................................. | 0212 |  | 162.9 | 167.3 | 167.3 | 12.7 | 0 |
| Sulfite and other woodpulp .................................................................................................. | 0223 | 12/82 | 128.1 | 130.0 | 131.6 | 10.0 | 1.2 |
| Special alpha and dissolving woodpulp .............................................................. | 03 |  | 126.7 | 131.2 | 135.2 | 21.6 | 3.0 |
| Pulp, other than wood, inc pulp mill bypro .............................................................................. | 04 | 12/82 | 143.4 | 143.7 | 149.7 | 7.8 | 4.2 |
| Other pulp, including byproducts ............................................................................ | 0411 | 12/82 | 143.4 | 143.7 | 149.7 | 7.8 | 4.2 |
| Wastepaper ............................................................................................................................... | 0912 |  | 159.0 | 157.7 | 155.3 | -16.4 | -1.5 |
| News.. | 01 |  | 144.4 | 125.7 | 110.8 | -53.0 | -11.9 |
| Northeast | 0121 | 12/86 | 41.0 | 38.3 | 32.4 | -67.4 | -15.4 |
| North Central .......................................................................................................................... | 0122 | 12/86 | 78.2 | 65.1 | 53.0 | -52.9 | -18.6 |
| South ...................................................................................................... | 0123 | 12/86 | 99.8 | 86.1 | 85.0 | -30.7 | -1.3 |
| West | 0124 | 12/86 | 79.8 | 68. | 63.2 | -43.3 | -8.3 |
| Mixed papers ................................................................................................... | 02 |  | 126.6 | 108.1 | 101.0 | -42.2 | -6.6 |
| Northeast | 0221 | 12/86 | 66.8 | 64.3 | 58.3 | -42.5 | -9.3 |
| North Central ........................................................................................................ | 0222 | 12/86 | 111.7 | 88.5 | 82.3 | -45.7 | -7.0 |
| South .......................................................................................................... | 0223 | 12/86 | 88.4 | 72.5 | 73.8 | -36.9 | 1.8 |
| West ......................................................................................................... | 0224 | 12/86 | 105.9 | 105.5 | 91.7 | -32.0 | -13.1 |
| Corrugated .................................................................................................................................. | 03 |  | 187.0 | 178.0 | 176.2 | -29.2 | -1.0 |
| Northeast ................................................................................................... | 0321 | 12/86 | 66.2 | 62.0 | 61.8 | -32.3 | -. 3 |
| North Central | 0322 | 12/86 | 69.2 | 64.6 | 64.5 | -30.6 | -. 2 |
| South | 0323 | 12/86 | 79.3 | 75.1 | 75.1 | -24.5 | 0 |
|  | 0324 | 12/86 | 69.6 | 71.5 | 67.8 | -26.3 | -5.2 |
| High grades (pulp substitutes \& deinking) ................................................. | 07 | 12/86 | 133.5 | 138.3 | 138.3 | 2.2 | 0 |
| Northeast | 0721 | 12/86 | 124.4 | 127.1 | 127.2 | 2.5 | . 1 |
| North Central | 0722 | 12/86 | 130.7 | 139.0 | 138.8 | 3.5 | -. 1 |
| South | 0723 | 12/86 | 158.4 | 158.6 | 158.8 | 2.4 | . 1 |
| West | 0724 | 12/86 | 160.6 | 161.1 | 161.0 | -7.4 | -. 1 |
| Exports (all grades) ............................................................................................ | 08 | 12/86 | 113.8 | 112.2 | 110.3 | -16.2 | -1.7 |
| Paper | 0913 |  | 130.7 | 131.0 | 130.3 | 5.1 | -. 5 |
| Writing papers, excluding newsprint ...... | 01 |  | 131.7 | 132.3 | 131.2 | 5.6 | -. |
| Uncoated groundwood, publishing and printing... | 0111 |  | 120.0 | 118.7 | 118.2 | 1.6 | -. 4 |
| No. 3 clay coated, 2 -sides ......................... | 0113 |  | 129.3 | 131.1 | 130.9 | 5.6 | -. 2 |
| No. 5 clay coated, 2 -sides .............................................................................. | 0115 |  | 129.9 | 129.7 | 129.7 | 1.9 | 0 |
| Clay coated, 2 -sides, excl. no. 3 \& no. 5 ............................................................. | 0116 |  | 131.3 | 132.2 | 132.0 | 4.1 | -. 2 |
| Clay coated, 1-side ................................................................................ | 0117 |  | 133.5 | 133.7 | 133.6 | 4.5 | -. 1 |
| Offset uncoated book paper | 0122 |  | 127.3 | 127.2 | 127.2 | 5.9 | 0 |
| Uncoated publishing \& printing free sheet, ex offset ................... | 0123 |  | 122.1 | 124.0 | 123.9 | 7.6 | -. 1 |
| Unwatermarked bond, no. 4 grade ....................... | 0131 |  | 130.8 | 133.5 | 129.2 | 8.8 | -3.2 |
| Watermarked bond | 0132 |  | 134.9 | 136.9 | 137.1 | 7.6 | . 1 |
| 12 lb form bond, in rolls ...................................................................... | 0133 |  | 130.2 | 131.4 | 128.1 | 2.5 | -2.5 |
| 15 lb . form bond, in rolls | 0134 |  | 126.0 | 125.7 | 121.6 | 1.6 | -3.3 |
|  | 0135 |  | 129.6 | 129.6 | 125.2 | 3.1 | -3.4 |
| Other bond ...................................................................................................... | 0136 |  | 140.4 | 142.2 | 141.0 | 10.5 | -. 8 |
| Other misc. free sheet, n.e.c., inc. body stock | 0137 |  | 144.9 | 145.3 | 140.9 | 6.9 | -3.0 |
| Cover and text papers ....................................................................................... | 0148 |  | 139.0 | 139.0 | 139.0 | 7.0 | 0 |
| Newsprint ................... | 02 |  |  |  |  |  |  |
| Newsprint ................................................................................................... | 0291 |  | 126.6 | 123.4 | 123.6 | -3.3 | 2 |
| Packaging and industrial converting paper ........................................... | 03 |  | 134.3 | 135.2 | 135.1 | 6.4 | -. 1 |
| Wrapping paper, unbleached kraft | 0301 |  | 169.1 | 169.1 | 169.1 | 7.6 | 0 |
| Wrapping paper, except unbleached kraft ..................................... | 0302 |  | 123.5 | 124.5 | 124.1 | 6.0 | . 3 |
| Shipping sack, unbleached kraft ................................................... | 0304 |  | 144.4 | 144.4 | 144.4 | 8.4 | 0 |
| Bag and sack paper, unbleached kraft ..... | 0307 |  | 149.2 | 149.2 | 149.2 | 7.6 | 0 |
| Bag and sack paper, excluding unbleached kraft ................................ | 0308 |  | 130.2 | 131.0 | 131.0 | 5.8 | 0 |
| Packaging/industrial converting, unbl. kraft, n.e.c. .. | 0311 |  | 143.5 | 143.5 | 143.5 | 7.4 | 0 |
| Packaging/indust. converting, ex. unbl. kraft, n.e.c ............................................... | 0312 |  | 121.4 | 123.8 | 123.8 | 7.7 | 0 |
| Glassine, greaseproof, and vegetable parchment ..................................... | 0314 |  | 142.7 | 142.8 | 142.8 | 1.6 | 0 |
| Coated and laminated single and multi-web paper ...................................................... | 0321 | 12/87 | 112.8 | 114.3 | 114.2 | 8.5 | . 1 |
| Coated and laminated single and mult-web film ......................................................... | 0322 | 12/87 | 113.6 | 113.4 | ${ }^{2}$ ) |  | ${ }^{(2)}$ |
| Tissue paper ....................................................................................................................... | 0323 | 06/83 | 147.4 | 155.0 | 155.0 | 8.0 | 0 |
| Special industrial paper .......................................................................................................... | 04 |  |  |  |  |  |  |
| Special industrial paper ........................................................................................................... | 0401 |  | 132.8 | 132.9 | 133.5 | 13.4 | 5 |
|  | 05 0501 | 12/82 | 127.0 | 128.5 | 127.8 | 5.4 | -. 5 |
| Coated and laminated paper, n.e.c. ............................................................................ |  |  |  |  |  |  |  |
| Paperboard .............................................................................................................................. | 0914 |  | 140.4 | 141.3 | 140.2 | 4.4 | -. 8 |
| Corrugated paperboard in sheets and rolls .......................................................................... | 05 |  |  |  |  |  |  |
| Conugated paperboard in sheets and rolls ........................................................ | 0551 |  | 133.3 | 135.6 | 134.8 | . 9 | -. 6 |
| Paperboard, ex. corrugated paperboard .............................................................................. | 11 | 12/82 | 147.5 | 148.4 | 147.1 | 4.6 | -. 9 |
| Unbleached linerboard .................................................................................. | 1101 | 12/82 | 166.4 | 168.0 | 166.4 | 1.6 | -1.0 |
| Bleached pkg. \& ind. converting paperboard ........................................................ | 1103 | 12/82 | 129.8 | 129.6 | 130.6 | 17.0 | . 8 |
| Semichemical paperboard ................................................................................................. | 1104 | 12/82 | 155.3 | 156.9 | 150.6 | -1.0 | -4.0 |
| Recycled paperboard .......................................................................................................... | 1105 | 12/82 | 129.4 | 129.8 | 129.0 | 3.0 | -. 6 |
| Converted paper and paperboard products ..................................................................... | 0915 |  | 130.3 | 131.9 | 132.0 | 6.7 | . 1 |
| Sanitary paper products, including stock .............................................................................. |  |  | 122.5 | 125.3 | 125.1 | 8.4 | -. 2 |
| Sanitary napkins, tampons and wadding stock ..................................................................... | 0102 | 06/83 | 108.8 | 109.8 | 109.9 | -5.6 | ${ }^{(2)} 1$ |
| Facial tissues ....................................................................................................... | 0113 | 12/87 | 116.4 | ${ }^{(2)}$ | ${ }^{(2)}$ | ( ${ }^{\text {a }}$ | (2) |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 = 100 unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price Indexes and percent changes for commodity groupings and Individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 19891 | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Services for the printing trade--Continued | 0939 |  |  |  |  |  |  |
| Preparation of lithographic plates ........... | 0401 | 12/85 | 106.9 | 105.5 | 106.6 | 3.1 | 1.0 |
| Other lithographic platemaking services ...................................................................... | 0402 | 12/85 | 106.2 | 107.2 | 107.1 | 1.7 | -. 1 |
| Metals and metal products ......... | 10 |  | 125.6 | 123.7 | 122.9 | 3.1 | -. 6 |
| Iron and steel | 101 |  | 120.7 | 119.8 | 118.9 | 1.6 | -. 8 |
| Iron ore | 1011 |  | 82.8 | 82.8 | 82.8 | 0 | 0 |
| Pellets | 0117 |  | 79.3 | 79.3 | 79.3 | 0 | 0 |
| Iron and steel scrap | 1012 |  | 189.5 | 177.6 | 168.5 | -9.1 | -5.1 |
| Carbon steel scrap ......................................................................... | 11 | 12/86. | 169.7 | 162.5 | 155.8 | -8.0 | -4.1 |
| Heavy melting, Northeast ......................................................................................... | 1102 | 12/86 | 164.8 | 165.1 | 162.3 | 9.3 | -1.7 |
| Heavy melting, Chicago .... | 1103 | 12/86 | 153.1 | 155.2 | 148.3 | -9.1 | -4.4 |
| Heavy melting, Ohio and Lake Erie .. | 1104 | 12/86 | 153.5 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)} 7$ | ${ }^{(2)}$ |
| Heavy melting, South ............................................................................................... | 1105 | 12/86 | 166.8 | 168.6 | 162.7 | . 7 | -3.5 |
| Heavy melting, West .... | 1106 | 12/86 | 176.6 | 174.3 | 170.4 | 4.2 | -2.2 |
| Bundles, Northeast .................................................................................................................. | 1112 | 12/86 | 165.7 | 160.0 | 166.7 | 3.3 -170 | 4.2 -5.7 |
| Bundles, Chicago ..... | 1113 | 12/86 | 154.8 | 145.0 | 136.8 135.4 | -17.0 | -5.7 |
| Bundles, Ohio and Lake Erie | 1114 | 12/86 | 159.4 | 144.3 | 135.4 158.4 | -19.2 9.4 | -6.2 -.1 |
| Shredded scrap, South .......................... | 1132 | 12/86 | 154.0 | 147.1 | 141.9 | -1.0 | -3.5 |
| Cut plate and structural scrap, South .......................................................................... | 1135 | 12/86 | 154.9 | 149.1 | 143.6 | -10.1 | -3.7 |
| Stainless and alloy steel scrap .............................................................................................. | 12 | 12/86 | 263.2 | 205.6 | 173.5 | -23.0 | -15.6 |
| Ohio and Lake Erie ...................................................................................... | 1204 | 12/86 | 126.1 | 125.6 | ( ${ }^{\text {) }}$ | $\left.{ }^{2}\right)$ | (2) |
| Cast iron scrap .................................................................................. | 13 | 12/86 | 136.4 | 135.3 | 132.2 | . 5 | -2.3 |
| Northeast .................................................................................................... | 1302 | 12/86 | 124.6 | 124.7 | 124.7 | 3.5 | 0 |
| West .............................................................................................................................. | 1306 | 12/86 | 204.6 | 197.4 | 192.3 | 12.1 | -2.6 |
| Foundry and forge shop products | 1015 |  | 114.1 | 114.6 | 114.9 | 4.5 | . 3 |
| Pressure \& soil pipe \& fittings, cast iron. | 02 |  | 137.5 | 137.5 | 137.9 | 3.8 | . 3 |
| Soil pipe \& fittings, gray \& ductile iron | 0235 |  | 181.6 | 181.6 | 183.3 | 11.2 | . 9 |
| Pressure pipe and fittings, ductile iron ... | 0237 |  | 109.6 | 109.6 | 109.6 | 0 | 0 |
| Pressure pipe and fittings, gray iron ............................................................ | 0239 |  | 122.5 | 122.5 | 122.5 | 4.3 | 0 |
| Motor vehicle castings, gray/ductile iron ................................................................... | 03 |  | 109.9 | 110.2 | 110.9 | 1.6 | . 6 |
| Castings for passenger cars, grey iron .............................................. | 0321 |  | 112.6 | 112.8 | 113.4 | 1.0 | . 5 |
| Castings for other motor vehicles, grey iron ............................................................... | 0322 |  | 107.6 | 108.0 | 108.7 | 2.5 | . 6 |
| Castings for passenger cars, ductile iron. | 0323 |  | 106.6 | 107.5 | 108.6 | 2.7 | 1.0 |
| Castings for other motor vehicles, ductile iron .................................................. | 0324 |  | 97.4 | 97.4 | 97.3 | -. 1 | -. 1 |
| Gray \& ductile iron castings, other ....... | 04 |  | 107.8 | 108.5 | 108.7 | 2.5 | . 2 |
| Moids \& stools for heavy steel ingots | ${ }^{0423}$ |  | ${ }^{(2)} 9$ | ${ }^{93}{ }^{2}{ }^{2}$ | ${ }^{93}{ }^{\text {2 }}$ ) | ${ }^{(2)}$ | (2) ${ }^{0}$ |
| Castings for construction \& utility use ............................................................................... | 0425 |  | ${ }^{(2)}$ | ${ }_{1120}$ | 112.1 | ${ }^{1} 27$ | 1 |
| Ductile iron castings, other | 0427 |  | 112.0 | 112.0 | 112.1 | 3.7 | . 3 |
| Grey iron castings, other ............. | ${ }_{05} 0429$ |  | 111.5 105.2 | 112.4 105.2 | 104.7 | 3.7 -1.3 | -. 5 |
| Malleable iron castings ..... | 0511 |  | 112.2 | 112.2 | 110.5 | 2.2 | -1.5 |
| Standard malleable iron castings ........................... | 06 |  | 138.6 | 142.2 | 140.8 | 2.7 | -1.0 |
| Carbon and low alloy steel investment castings ..... | 0614 |  | 129.2 | 129.2 | 129.2 | -3.0 | 0 |
| High alloy steel investment castings ...................................................................... | 0621 |  | 140.3 | 144.6 | 143.0 | 3.8 | -1.1 |
| Other steel castings, carbon steel ............................................ | 07 |  | 110.0 | 110.1 | 110.0 | 5.6 | -. 1 |
| Railroad wheels and specialties ....... | 0712 |  | 108.9 | 109.1 | 110.1 | 11.6 | . 9 |
| All other carbon steel castings.. | 0736 |  | 110.4 | 110.4 | 110.0 | 4.1 | -. 4 |
| Other steel castings, high alloy steel .................. | 08 |  | 126.1 | 126.4 | 126.5 | 6.2 | 1 |
| All other high alloy steel castings .................................................................... | 0818 |  | 126.1 | 126.4 | 126.5 | 6.3 | 1 |
| Other steel castings, low alloy steel ......................................................... | 09 |  | 113.2 | 114.3 | 115.3 | 7.5 | . 9 |
| Railway specialties and rolls for rolling mills ..................................................................... | 0907 |  | 112.4 | 117.6 | 119.2 | 6.7 | 1.4 |
| All other low alloy steel castings ........................................................................................ | 0917 |  | 113.5 | 114.3 | 115.3 | 7.6 | . 9 |
| Open die or smith forgings, ferrous ......................................................................... | 12 | 06/82 | 100.2 | 100.7 | 100.3 | 7.5 | -. 4 |
| Carion steel ... | 1261 | 06/82 | 107.0 | 106.8 | 106.8 | 16.5 | 0 |
|  | 1263 | 06/82 | 93.5 | 94.4 | 93.8 | 2.1 | -. 6 |
| Other forge shop products ................................................................................ | 13 | 06/82 | 112.0 | 111.5 | 112.8 | 9.0 | 1.2 |
| Seamless rolled ring forgings, ferrous .................................................................... | 1329 | 06/82 | 130.3 | 130.5 | 130.8 | 8.9 | . 2 |
| Closed die forging, carbon steel ............................................................................ | 1351 |  | 114.1 | 112.1 | 114.6 | 7.6 | 2.2 |
| Closed die forging, alloy steel ............................................................................... | 1353 |  | 104.2 | 105.5 | 105.6 | 5.5 | . 1 |
| Closed die forgings, stainless steel ......................................................................... | 1355 | 12/83 | 112.1 | ${ }^{(2)}$ | 118.2 | 20.9 | ${ }^{(2)}$ |
| Closed die forgings, other ferrous ....................................................................................... | 1357 | 12/83 | 100.0 | ${ }^{(2)}$ | 100.0 | 24.8 | ${ }^{(2)}$ |
| Blast and electric furnace products .................................................................................... | 1016 |  | 131.3 | 133.2 | 132.4 | 7.6 | -. 6 |
|  | 02 | 06/82 | 104.5 | 104.5 | 104.5 | -14.1 | 0 |
| Electric furnace products ...................................................................................... | 03 | 06/82 | 150.4 | 153.6 | 152.2 | 20.9 | -. 9 |
| Ferrosilicon ...... | 0312 |  | 135.8 | 132.4 | 131.3 | ${ }^{2}$ ) | -. 8 |
| Other electric furnace products ............................................................................... | 0315 | 06/83 | 168.7 | 168.7 | 167.7 | 23.0 | -. 6 |
|  | 0317 | 12/88 | 101.3 | 101.7 | 101.0 | ${ }^{(2)}$ | -. 7 |
|  | 1017 |  | 114.9 | 114.9 | 114.8 | 3.1 | -. 1 |
| Semifinished steel mill products ......................................................................................... | 02 | 06/82 | 114.4 | 114.3 | 113.4 | 2.0 | -. 8 |
| Semifinished steel mill products ............................................................................... | 0299 |  | 114.5 | 114.3 | 113.4 | 2.0 | -. 8 |
| Hot rolled sheet and strip, incl. tin mill ..................................................................................... | 03 | 06/82 | 121.6 | 122.3 | 121.9 | 5.4 | -. 3 |
| Hot rolled bars, plates, \& structural shap ................................................................................... | 04 | 06/82 | 112.0 | 111.3 | 111.2 | . 7 | -. 1 |
| Steel wire ............................................................................................................... | 05 | 06/82 | 104.8 | 104.9 | 105.1 | 1.9 | . 2 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other indexbase | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Steel mill products--Continued. | 1017 |  |  |  |  |  |  |
| Plain wire, carbon steel .......... | 0511 |  | 97.5 | 98.6 | 99.2 | 0.7 | 0.6 |
| Galvanized wire, carbon steel | 0515 | 06/82 | 98.4 | 98.6 | 98.6 | 4.7 | 0 |
| Other coated wire, carbon steel ....................................................................... | 0519 | 06/82 | 103.6 | 101.7 | 103.0 | . 5 | 1.3 |
| Wire, stainless steel ....................................................................................... | 0551 | 06/82 | 142.3 | 141.3 | 138.4 | 4.8 | -2.1 |
| Steel pipe and tubes. | 06 | 06/82 | 102.9 | 101.6 | 103.0 | 2.3 | 1.4 |
| Standard pipe, carbon ... | 0611 | 06/82 | 105.6 | 105.7 | 105.8 | 5.1 | . 1 |
| Line pipe, carbon ....... | 0612 |  | 90.4 | 93.0 | 93.0 | -7.6 | 0 |
| Casing (OCTG), carbon | 0614 |  | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) | ${ }^{(2)}$ |
| Pressure tubing, seamless, carbon ....................................................................... | 0621 | 06/82 | 99.9 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Pressure tubing, welded, carbon | 0622 | 06/82 | 123.0 | ${ }^{2}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Mechanical tubing, seamless, carbon. | 0623 |  | 86.4 | 86.4 | 86.4 | 2.0 | 0 |
| Mechanical tubing, welded, carbon ................................................................................ | 0624 |  | 117.8 | 119.6 | 119.3 | 2.7 | -. 3 |
| Structural pipe and tubing, carbon ................................................................... | 0627 | 06/82 | 122.5 | ${ }^{(2)}$ | 122.8 | 1.1 | ${ }^{(2)}$ |
| Casing (OCTG), alloy ...................................................................................... | 0634 |  | 65.2 | ${ }^{2}$ | 65.2 | 1.2 | ${ }^{(2)}$ |
| Other pipe and tubing, incl. std. pipe, stainless .................................................................. | 0669 | 06/82 | 155.7 | 156.6 | 152.4 | 7.8 | -2.7 |
| Cold rolled sheets and strip .......................... | 07 | 06/82 | 124.5 | 125.2 | 124.2 | 3.0 | -. 8 |
| Sheets, c.r., carbon | 0711 |  | 118.9 | 119.7 | 119.2 | 4.1 | -. 4 |
| Strip, c.r., carbon | 0715 |  | 123.3 | 124.0 | 124.0 | 4 | 0 |
| Sheets and strip, c.r., alloy ........... | 0733 | 06/82 | 112.7 | 112.7 | 112. | 2.1 | . 1 |
| Strip, c.r., stainless ..................................................................................... | 0755 |  | 128.4 | 128.5 | 130.2 | 3.4 | 1.3 |
| Cold finished bars .................................................. | 08 | 06/82 | 105.6 | 105.2 | 105.1 | 1.2 | -. 1 |
| Bars, c.f., carbon ......................... | 0811 |  | 102.5 | 102.2 | 102.5 | 1.7 | 3 |
| Bars, c.f., alloy ....... | 0831 |  | 88.5 | 88.5 | 88.5 | 2.0 | - |
| Bars, c.f., stainless, 300 series .... | 0852 |  | 126.0 | 125.2 | 123.3 | -1.1 | -1.5 |
| Other steel mill products .......................................................................................... | 09 | 06/82 | 106.3 | 110.2 | 110.2 | 3.9 | 0 |
| Nonferrous metals | 102 |  | 148.2 | 139.5 | 136.9 | 3.1 | -1.9 |
| Nonferrous metal ores | 1021 | 12/83 | 116.7 | 102.3 | 96.2 | -8.1 | -6.0 |
| Copper ores .............. | 02 | 06/88 | 144.2 | 115.8 | 103.3 | 1.4 | -10.8 |
| Silver ores | 04 | 12/83 | 75.9 | 60.2 | 69.0 | -21.9 | 14. |
| Gold ores ... | 05 | 06/85 | 118.4 | 114.8 | 114.5 | -13.6 | -. 3 |
| Uranium-radium-vanadium ores ...... | 08 | 12/85 | 54.9 | 45.4 | 45.4 | -45.3 | 0 |
| Primary nonferrous metals | 1022 |  | 162.9 | 146.9 | 142.0 | -1.9 | -3.3 |
| Primary nonferrous metals, except precious ............................................................. | 01 |  | 170.7 | 154.1 | 148.7 | -. 7 | -3.5 |
| Primary aluminum ingot, unalloyed | 0117 |  | 162.2 | 149.6 | 145.1 | -2.5 | -3.0 |
| Primary aluminum, other types, except extrusion bill | 0119 |  | 108.0 | 109.2 | ${ }^{(2)}$ | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ |
| Aluminum extrusion billet ....................................... | 0121 |  | 182.3 | 160.1 | 157.6 | -7.9 | -1.6 |
| Cobalt | 0122 |  | 64.0 | 64.0 | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Domestic copper cathode ... | 0123 |  | 214.9 | 170.9 | 160.1 | 11.6 | -6.3 |
| Lead, pig, common ........... | 0127 |  | 131.1 | 144.3 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Zinc, slab, prime Western ................................................................................................. | 0132 |  | 238.9 | 201.0 | (2) | ${ }^{(2)}$ | (2) |
| Zinc, slab, special high grade ................................................................................. | 0133 |  | 239.4 | 201.7 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Antimony ............................................................................................................ | 0136 |  | 95.4 | 93.2 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Cadmium metal, 99.90 pct. min. ................................................................................ | 0141 |  | 330.0 | 308.8 | $\left({ }^{2}\right)$ | $\left.{ }^{2}\right)$ | (2) |
| Magnesium, pig ingot ............... | 0151 |  | 121.6 | 121.6 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Titanium sponge .................................................................................................. | 0156 |  | 95.4 | 95.4 | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Other refined copper, domestic | 0162 | 06/83 | 118.6 | 92.1 | 87.1 | 3.8 | -5.4 |
| Other nonferrous metals, unalloyed ..................................................................................... | 0181 | 06/88 | 113.6 | 119.1 | 116.8 | 16.8 | -1.9 |
| Precious metals .............................................................................................. | 02 |  | 95.0 | 82.9 | 82.9 | -21.4 | 0 |
| Gold, refined .... | 0271 |  | 104.4 | 94.8 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Silver, bar, refined, . 999 fine ............................................................................................... | 0272 |  | 77.0 | 65.2 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Platinum ................................................................................................................. | 0273 |  | 115.0 | 101.9 | ${ }^{(2)}$ | (2) | ${ }^{(2)}$ |
| Nonterrous scrap ................................................................................................ | 1023 |  | 199.6 | 183.5 | 172.5 | 4.0 | -6.0 |
| Copper base scrap. | 01 |  | 188.8 | 170.5 | 160.1 | 7.6 | -6.1 |
| No. 1 copper scrap, including wire .................................................................. | 0101 | 12/86 | 191.8 | 174.3 | 165.9 | 4.8 | -5.3 |
| No. 2 copper scrap, including wire ...................................................................................... | 0102 | 12/86 | 230.4 | 201.6 | 182.5 | 6.0 | -9.5 |
| Other copper and brass scrap ................................................................................................ | 0104 | 12/86 | 186.7 | 164.8 | 155.6 | 11.5 | -5.6 |
| Copper and brass scrap, exports .............................................................................. | 0199 | 12/86 | 220.5 | 201.6 | 192.1 | 9.3 | -4.7 |
| Aluminum base scrap .......................................................................................... | 02 |  | 229.1 | 211.8 | 198.1 | -13.6 | -6.5 |
| Solids and clippings, new scrap ...................................................................... | 0201 | $12 / 86$ | 172.5 | 159.9 | 147.4 | -13.0 | -7.8 |
| Used beverage can scrap ....................................................................................................... | 0205 | $12 / 86$ | 205.8 | 185.5 | 168.1 | -15.8 | -9.4 |
| Other old scrap ................................................................................................................... | 0206 | $12 / 86$ | 186.5 | 168.2 | 156.7 | $-15.7$ | -6.8 |
| Aluminum scrap, exports .......................................................................................................... | 0299 | 12/86 | 207.2 | 205.5 | 199.7 | -9.6 | -2.8 |
| Other nonferrous scrap nec. ........................................................................................................ | 03 |  | 176.2 | 164.0 | 156.0 | 54.8 | -4.9 |
| Lead scrap ............................................................................................................ | 0301 | 12/86 | 158.2 | 145.3 | 149.1 | 1.4 | 2.6 |
| Secondary nonferrous metals ................................................................................. | 1024 |  | 140.6 | 129.3 | 127.4 | -1.5 | -1.5 |
| Aluminum, except extrusion billet ............................................................................ | 02 |  | 188.4 | 179.9 | 168.2 | -9.9 | -6.5 |
| Ingot for die casting ................................................................................................ | 0221 | 06/88 | 97.8 | 93.0 | 86.7 | -13.6 | -6.8 |
| Other aluminum ................................................................................................. | 0224 |  | 181.5 | 173.7 | 164.5 | -6.5 | -5.3 |
| Refined copper ...................................................................................................... | 03 |  | 161.7 | 130.9 | 131.9 | 15.9 | . 8 |
| Copper, unalloyed ................................................................................................ | 0301 |  | 152.5 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Brass ingot, alloyed ............................................................................................ | 0302 |  | 127.7 | ${ }^{(2)}$ | $\left(^{2}\right)$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Refined lead .................................................................................................... | 04 |  | 109.9 | 118.6 | 121.3 | 16.0 | 2.3 |
| Lead, unalloyed. | 0401 |  | 136.8 | 149.1 | 152.4 | 5.5 | 2.2 |
| Antimonial lead, alloyed ...................................................................................... | 0402 |  | 128.1 | 139.4 | 143.1 | 9.5 | 2.7 |
| Refined zinc ........................................................................................................... | 05 |  | 201.3 | 169.8 | 165.5 | 11.9 | -2.5 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode |  | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Secondary nonferrous metals--Continued | 1024 |  |  |  | $\begin{aligned} & 101.7 \\ & 104.2 \\ & 113.3 \end{aligned}$ | $\begin{aligned} & 91.2 \\ & \left.\mathbf{( 2 )}^{2}\right) \\ & 110.4 \end{aligned}$ | $\begin{gathered} 95.0 \\ \left.{ }^{9}{ }^{2}\right) \\ 110.9 \end{gathered}$ | $\begin{gathered} -16.0 \\ \left(^{2}\right) \\ 34.4 \end{gathered}$ | $\begin{gathered} \left.4^{4}\right)^{4.2} \\ .5 \end{gathered}$ |
| Precious metals ....................................................................................................... |  |  |  |  |  |  |  |  |
| Gold ............................................................................................................ |  |  |  |  |  |  |  |  |
| Other nonferrous metals ................................................................................. |  |  |  |  |  |  |  |  |
| Nonferrous mill shapes ... | 1025 |  |  | 141.3 | 135.6 | 136.3 | 4.0 | . 5 |  |
| Aluminum mill shapes ...... |  |  |  | 138.6 | 135.5 | 136.7 | 2.1 | . 9 |  |
| Sheet, coiled, bare, all others | ${ }_{01}^{0107}$ |  |  | 153.6 | 136.1 | 144.6 | -2.4 | 6.2 |  |
| Foil, plain (under . 006 inches) | 0111 |  |  | 130.2 | 128.0 | 127.0 | -. 2 | -. 8 |  |
| Tube, extruded, 6000 alloy series | 0121 |  |  | 134.8 | 132.2 | 132.1 | . 9 | 17 |  |
| Tube, drawn, 6000 alloy series .......................................................................... | 0123 |  |  | 133.0 | 132.4 | 130.1 | . 2 | -1.7 |  |
| Bar, extruded, other than 2000 and 7000 alloy series .................................................... | 01230132 |  |  | 178.7 | 164.8 | 164.2 | 15.6 | -. 4 |  |
| Pipe, extruded ............................................................................................. | 01320135 |  |  | 145.5 | 143.5 | 142.1 | 9.5 | -1.0 |  |
| Rod, extruded, other than 2000 and 7000 alloy series ........................................... |  |  |  | 153.3 | 147.7 | 146.5 | -7.9 | -8 |  |
| Extrusion, solid, circle size under 3 ................................................................................. | 01470151 |  |  | 146.6 | 145.0 | 144.2 | 2.3 | -. 6 |  |
| Extrusion, solid, circle size 3 to under 4 ............................................................. |  |  |  | 141.3 | 138.5 | 136.1 | -4.3 | -1.7 |  |
| Extrusion, solid, circle size 4 to under 5 ............................................................................. |  |  |  | 145.5 | ${ }^{(2)}$ | ${ }^{(2)}$ | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ |  |
|  | 01530154 |  |  | 147.6 | 144.8 | 143.4 | -1.2 | -1.0 |  |
| Extrusion, solid, circle size, 10 and over ................................................................. |  |  | 06/87 | 135.1 | 132.9 | 131.2 | -. 7 | -1.3 |  |
| Extrusion, solid, in 2000 and 7000 alloy series .................................................................... | $0157$ |  |  | 135.6 | 130.9 | 128.7 | -4.1 | -1.7 |  |
| Copper and brass mill shapes ...................................................................................................... | 0231 |  |  | 190.2 1750 | 173.1 155.3 | 168.9 151.9 | 11.0 12.7 | -2.4 |  |
| Copper-base alloy strip $\qquad$ <br> Copper-base alloy rod $\qquad$ | 02331 |  |  | 175.0 | 1504.3 204.1 | 200.7 | 12.7 23.1 | -1.7 |  |
| Copper-base alloy tube, non-plumbing | 0233 |  |  | 148.7 | 136.6 | 132.8 | 10.9 | -2.8 |  |
| Copper tubing, non-plumbing ......................................................................................... | 0253 |  |  | 162.9 | 142.4 | 137.4 | 5.1 | -3.5 |  |
| Copper rod .............................................................................................. | 0256 |  |  | 193.5 | 187.6 | 183.0 | 8.0 | -2.5 |  |
| Copper strip ...................................................................................................... | 0263 |  | 12/86 | 176.6 | 147.3 | 144.7 | 5.5 | -1.8 |  |
| Other copper and copper-alloy mill shapes ................................................................... | 0265 |  | 12/86 | 181.5 | 153.9 | 148.5 | 5.5 | -3.5 |  |
| Nickel alloy mill shapes ........................................................................................... | 04 |  |  | 148.0 | 140.0 | 137.9 | 5.3 | -1.5 |  |
| Other nickel mill shapes, except wire .................................................................................. | 0465 |  | 12/87 | 179.4 | 163.4 | 160.1 | -1.3 | -2.0 |  |
| Titanium mill shapes | 05 |  |  | 98.4 | 101.3 | 101.7 | 24.9 | . 4 |  |
| Titanium flat products .... | 0502 |  | 12/87 | 135.9 | 136.9 | 136.9 | ${ }^{(2)}$ | 0 |  |
| Other titanium mill shapes, except wire ......................................................... | 0503 |  | 12/87 | 140.4 | 147.5 | 148.7 | 28.0 | 8 |  |
| Other mill shapes .................................................................................................... | 19 |  |  | 102.9 | 98.2 | 102.9 | -3.0 | . 8 |  |
| Gold mill shapes, except wire | 1901 |  | 06/82 | 132.9 | 121.8 | (2) | ${ }^{(2)}$ | (2) |  |
| Silver mill shapes, except wire ........................................................................ | 1902 |  | 06/83 | 59.5 | 53.9 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}{ }_{6}$ |  |
| Zirconium mill shapes, except wire ........................................................................................ | 1951 |  | 12/87 | 93.5 | 93.7 | 94.3 | -7.0 | . 6 |  |
| Lead mill shapes, except wire .......... | $\begin{aligned} & 1997 \\ & 1998 \end{aligned}$ |  | 06/83 | 82.0 | 93.7 | 92.4 | 18.8 | -1.4 |  |
| Other nonferrous metal wire ......................................................................... |  |  | 06/83 | 136.2 | 139.7 | 141.9 | 27.6 | 1.6 |  |
| Nonferrous wire and cable | 1026 |  |  | 148.0 | 143.4 | 140.5 | 11.2 | -2.0 |  |
| Electric wire and cable |  |  | 12/82 | 137.6 | 137.1 | 136.0 | 12.7 | -. 8 |  |
| Telephone and telegraph wire and cable. | 03010303 |  | 12/82 | 159.5 | 172.4 | 169.9 | 27.5 | -1.5 |  |
| Control and signal wire and cable ............ | 0305 |  | 12/82 | 128.3 | 129.9 | 129.9 | 12.9 | 0 |  |
| Building wire and cable. | 0307 |  | 12/82 | 176.1 | 151.3 | 142.8 | 1.7 | -5.6 |  |
| Apparatus wire and cordage | 0309 |  | 12/82 | 129.3 | 124.9 | 124.3 | 9.9 | -. 5 |  |
| Magnet wire ........................ | 0311 |  | 12/82 | 155.5 | 142.3 | 138.5 | 6.1 | -2.7 |  |
| Power wire and cable ................................................................................................ | 0313 |  | 12/82 | 138.8 | 135.6 | 130.7 | 6.3 | -3.6 |  |
| Copper and copper-alloy wire \& cable, bare \& thinned | 0314 |  | 12/86 | 158.6 | 144.3 | 139.9 | 7.9 | -3.0 |  |
| Automotive primary wire ................................................................................ |  |  |  | 161.0 | 144.8 | 142.9 | 5.9 | -1.3 |  |
| Airframe, shipboard and ground support cable ........... | 03170323 |  | 12/82 | 129.1 | ${ }^{(2)}$ | ${ }^{(2)}$ | $\left(^{2}\right)$ | ${ }^{(2)}$ |  |
| Appliance wire and flexible cord sets | 0324 |  | 12/85 | 129.9 | 125.9 | 126.1 | 4.9 | . 2 |  |
| Other insulated and covered wire and cable, copper | 0325 |  | 12/82 | 124.4 | 116.3 | 12.5 | 2.8 | -3.3 |  |
| Aluminum wire and cable, bare .............................................................................. | 0331 |  | 06/87 | 128.5 | 125.0 | 125.4 | 3.8 | 3 |  |
| Fiber optic cable ..................................................................................................... | 0333 |  | 12/88 | 99.9 | 99.7 | 99.7 | ${ }^{(2)}$ | 1 |  |
| Other bare nonferrous metal ....................................................................................... |  | 0335 | 12/88 | 99.3 | 95.3 | 97.3 | ${ }^{(2)}$ | 2.1 |  |
| Nonferrous forge shop products .................................................................................... | 1027 |  | 12/83 | 121.8 | 122.0 | 121.8 | 6.9 | -. 2 |  |
| Hot impressed die,inpact, press,\& upse ....................................................................................... | $0111$$0122$ |  | 12/83 | 119.0 | 119.8 | 119.6 | 5.5 | -. 2 |  |
| Other forgings ................................................................................................... |  |  | 12/83 | 136.6 | $\left.{ }^{(2}\right)$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |  |
| Nonferrous foundry shop products .................................................................................... | 1028 |  |  | 127.7 | 129.0 | 130.8 | 7.9 | 1.4 |  |
| Castings, alum./alum.-base alloy ................................................................................... | $\begin{aligned} & 02 \\ & 0201 \end{aligned}$ |  |  | 129.1 | 129.4 | 132.2 | 6.9 | 2.2 |  |
| Motor vehicle die castings .................................................................................................... |  |  |  | 134.9 | 132.6 | 144.5 | 13.0 | 9.0 |  |
| Other die castings ..................................................................................................................... | 0203 |  | 06/83 | 130.6 | 130.9 | 129.0 | 1.3 | -1.5 |  |
| Sand castings ...................................................................................................... | 0204 |  | 06/83 | 125.5 | 127.1 | 127.5 | 7.9 | . 3 |  |
| Perm. and semi-perm. mold castings .................................................................................... | 0205 |  | 06/83 | 117.7 | 120.5 | 120.5 | 8.2 | 0 |  |
| Copper and copper-base alloy castings. | 03 |  | 06/83 | 122.4 | 126.0 | 125.8 | 9.5 | -. 2 |  |
| Copper and copper-base alloy sand castings ............................................................ | 0301 |  | 06/83 | 122.4 | 125.5 | 125.2 | 8.1 | -. 2 |  |
| Other copper/copper-base alloy castings .................................................................... | $\begin{aligned} & 0302 \\ & 04 \end{aligned}$ |  | 06/83 | 130.2 | 136.6 | 136.6 | 17.0 | 0 |  |
| Zinc Castings ...................................................................................................................... |  |  |  |  |  |  |  |  |  |
| Zinc and zinc-base alloy castings ...................................................................................... |  | 0401 |  | 132.5 124.1 | 137.2 120.8 | 138.3 120.8 | 15.3 -.1 | . 8 |  |
| Other nonferrous castings .................................................................................................. |  | 06 | 06/83 | 124.1 | 120.8 |  | -. 1 | 0 |  |
| Metal containers ......................................................................................................... | 103 |  |  | 109.7 | 110.7 | 111.0 | . 8 | . 3 |  |
| Metal cans and can components ............................................................................... | 1031 |  |  | 109.4 | 110.5 | 110.9 | . 8 | 4 |  |
| Steel cans ............................................................................................ | $\begin{aligned} & 02 \\ & 0209 \end{aligned}$ |  |  | 117.3 | 117.3 | 118.4 | 3.3 | 9 |  |
| Fruit and fruit juice cans ........................................................................................... |  |  |  | 120.2 | 120.5 | 124.3 | 5.1 | 3.2 |  |
| Vegetable and vegetable juice cans .......................................................................... | 0211 |  |  | 106.6 | 106.8 | 106.8 | 2.5 | 0 |  |
| All other food (including soup) cans ................................................................................. | 0215 |  |  | 122.7 | 122.7 | 125.5 | 1.5 | 2.3 |  |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commodity code | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 1989 | July 1988 | June 1989 |
| Domestic heating stoves-Continued | 1064 |  |  |  |  |  |  |
|  | 0126 |  | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{2}$ ) | ${ }^{(2)}$ |
| Other domestic heating stoves ......................................................................................................... | 0137 | 06/86 | 110.4 | 113.2 | 113.2 | 2.9 | 0 |
| Water heaters, domestic .... | 1066 |  | 119.2 | 118.2 | 120.3 | 3.0 | 1.8 |
| Electric .......................................................................................................... | 0101 |  | 118.0 | 117.7 | 119.7 | 5.3 | 1.7 |
| Gas ............................................................................................................. | 0113 |  | 119.6 | 117.7 | 120.6 | 1.4 | 2.5 |
| Other systems and other parts.. | 1067 |  | 127.0 | 128.0 | 130.1 | 5.4 | 1.6 |
| Other heating systems ............. | 01 |  | 115.3 | 118.5 | 118.6 | 4.7 | . 1 |
| Other heating systems, n.e.c. | 0126 |  | 112.7 | 116.0 | 116.0 | 5.1 | 0 |
| Other parts, n.e.c. ................................................................................................. | 02 |  | 134.9 | 134.5 | 137.7 | 5.8 | 2.4 |
| Fabricated structural metal products ..... | 107 |  | 119.4 | 120.4 | 120.4 | 4.3 | 0 |
| Metal doors, sash, and trim | 1071 |  | 128.8 | 130.5 | 130.8 | 5.0 | 2 |
| Metal doors and frames, exc. storm | 02 | 06/83 | 128.7 | 130.6 | 130.9 | 7.5 | 2 |
| Aluminum doors | 0201 | 06/83 | 128.9 | 131.4 | 131.8 | 5.9 | . 3 |
| Iron and steel doors | 0203 | 06/83 | 127.7 | 129.6 | 129.8 | 8.5 | . 2 |
| Steel door frames | 0205 |  | 124.8 | 126.1 | 125.8 | 2.2 | -. 2 |
| Aluminum door frames | 0206 | 06/88 | 122.6 | 121.3 | 121.3 | 21.8 | 0 |
| Metal window sash and frames, exc. storm | 03 | 06/83 | 123.5 | 123.6 | 123.9 124.5 | 1.2 | . 2 |
| Aluminum window sash and frames ................................................ | 0309 | 06/83 | 124.1 | 124.2 | 124.5 113.9 | (2) $^{1.1}$ | (2) $^{.2}$ |
| Steel window sash and frames ....................................................... | 0311 |  | 113.9 | ${ }^{(2)}$ | 113.9 | ${ }^{2}$ ) | ${ }^{2}$ |
| Metal molding and trim and storefronts ............. | ${ }_{04} 04$ |  |  |  |  |  |  |
|  | ${ }_{0}^{0413}$ | 06/83 | 127.4 | 138.2 | 138.2 | 11.7 | 0 |
| Storm sash and doors | 0515 | 06/83 | 126.5 | 126.6 | 126.6 | 2.4 | 0 |
| Screens and weatherstrip ..................................................................... | 06 |  |  |  |  |  |  |
| Screens and weatherstrip ................................................................................................ | 0617 | 06/83 | 120.1 | 120.1 | 122.4 | 5.5 | 1.9 |
| Metal tanks | 1072 |  | 110.0 | 111.2 | 111.4 | 5.6 | 2 |
| Bulk storage tank, 6000 gallons or less | 0112 |  | 113.1 | 117.5 | 117.5 | 8.8 | 0 |
| Bulk storage tank, over 6000 gallons ..... | 0113 |  | 111.1 | 111.6 | 111.1 | 1.6 | -. 4 |
| Non-LPG gas cylinders ...................... | 0122 |  | 110.3 | 110.5 | 113.5 | 6.4 | 2.7 |
| Custom tanks, 3/4 inch and less .................... | 0138 |  | 123.3 | 125.9 | 125.9 | 11.8 | 0 |
| Petroleum storage tanks ..... | 0147 |  | 95.8 | ${ }^{96.8}$ | ${ }^{96.9}$ | ${ }^{-1.7}$ | (2) ${ }^{-1}$ |
| All other customized tanks, field assembled ........................................................................ | 0148 | 12/86 | ${ }^{(2)}$ | $\left.{ }^{(2}\right)$ | $\left.{ }^{(2}\right)$ | ${ }^{2}$ ) | (2) |
| Sheet metal products.. | 1073 |  | 125.6 | 126.9 | 127.3 | 5.5 | . 3 |
| Roofing, steel ...... | 0101 |  | 100.5 | 109.9 | 109.9 | 12.6 | 0 |
| Roof drainage equipment, steel | 0107 | 06/83 | 158.9 | 157.3 | 157.5 | 4.8 | . 1 |
| Roof drainage equipment, aluminum | 0108 | 06/83 | 125.9 | 122.9 | 122.9 | 4.5 | 0 |
| Siding, aluminum ............... | 0109 | 12/82 | 123.0 | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ | (2) | (2) |
| Siding, steel ....... | 0116 | 06/83 | 114.3 | 115.5 | 119.5 | 16.1 | 3.5 |
| Soffits, facia, and shutters, aluminum ... | 0119 | 06/83 | 139.1 | 126.2 | (2) | (2) | ${ }^{2}$ |
| Stovepipe, furnace smokepipe, elbows \& ducts, steel ................................................ | 0145 | 12/82 | 119.9 | 120.4 | 123.6 | 7.2 | 2.7 |
| Air conditioning ducts, incl. dust collecting, steel ....................................................... | 0146 | 12/82 | 116.7 | 117.5 | 118.6 | 5.1 | 9 |
| Cornices, skylights, ceiling domes, coping, etc. | 0156 | 12/87 | 111.9 | 111.9 | 111.9 | 4.8 | 0 |
| Restaurant, hotel \& kitchen sheet metal equipment ............... | 0164 | 12/82 | ${ }^{(2)}$ | ${ }_{14}{ }^{2}$ | ${ }_{1415}$ |  | ${ }^{(2)}$ |
| Awnings, canopies, and carports, prefab., aluminum ............. | 0165 0166 | $12 / 82$ $12 / 82$ | 140.4 121.6 | 140.4 123.4 | 123.5 123.6 | 2.9 4.9 | . 2 |
| Other sheet metal work, steel $\qquad$ Other sheet metal work, aluminum | 0167 | 12/82 | 133.8 | 134.1 | 135.4 | 5.0 | 1.0 |
| Other sheet metal work, not steel or aluminum ......................................................... | 0169 | 06/83 | 136.1 | 137.2 | 137.0 | 11.1 | -. 1 |
| Struct., arch., pre-eng. metal products | 1074 |  | 116.6 | 117.1 | 117.0 | 3.5 | -. 1 |
| Fabricated iron and steel pipe and fitting | 02 |  | 116.6 | 114.8 | 116.0 | -1.3 | 1.0 |
| Petrochemical, paper mill, \& water sewage treatment ................................................... | 0212 | 12/86 | 103.7 | 101.0 | 101.4 | -1.8 | . 4 |
| Other iron and steel pipe and fittings .............................................................. | 0214 |  | 119.4 | 117.0 | 118.4 | -2.1 | 1.2 |
| Fabricated iron and steel tube and fitting ................................... | 03 |  | 125.9 | 121.7 | 122.5 | -4.7 | 7 |
| Welded tubing ...................................... | 0302 |  | 124.0 | 121.8 | 123.1 | -2.9 | 1.1 |
| Other iron and steel tube and fittings ....................................................................... | 0304 | 06/83 | 144.1 | ${ }^{(2)}$ | ${ }^{(2)}$ |  | (2) |
| Nonferrous pipe and tube fabrication ............................................................................... | 04 |  | 147.4 | 148.1 | 140.3 | 6.3 | -5.3 |
| Aluminum pipe and tube fabrication .................................................................................. | 0401 |  | 125.7 | ${ }^{(2)}$ | 113.9 | -5.2 | ${ }^{(2)}$ |
| Copper pipe and tube fabrication .................................................................................................................. | 0402 |  | 151.2 | ${ }^{(2)}$ | 122.3 | 1.2 | (2) |
| Other nonferrous pipe and tube fabrication ...-............................................................... | 0403 |  | 157.5 | ${ }^{(2)}$ | ${ }^{(2)}$ |  | (2) |
| Fabricated structural metal ..................................................................................... | 05 |  | 117.5 | 119.7 | 119.3 | 5.5 | -. 3 |
| Fabricated structural metal for buildings ............................................................................. | 0501 |  | 117.4 | 120.8 | 120.1 | 4.5 | -. 6 |
| Fabricated structural metal for bridges ................................................................................. | 0511 |  | 115.3 | 116.2 | 116.2 | 10.4 | 0 |
| Other fabricated structural metal ............................................................................... | 0512 | 06/82 | 117.0 | 117.0 | 117.1 | 6.6 | 1 |
| Miscellaneous metal work ..................................................................................... | 07 |  | 104.3 | 102.2 | 103.5 | 2.7 | 1.3 |
| Fabricated concrete reinforcing bars ..................................................................... | 0791 |  | 103.4 | (2) | 102.1 | 2.1 | ${ }^{2}$ ) |
| Architectural and ornamental metalwork .................................................................. | 08 | 12/83 | 117.0 | 117.6 | 18.3 | 3.1 | . 6 |
| Warm air or air conditioning grilles, ......................................................................... | 0801 | 12/83 | 108.7 | 108.7 | 108.7 | 1.1 | 0 |
| Stairs .................................................................................................................. | 0803 | 12/83 | 114.3 | 115.5 | 115.5 | 2.4 | 0 |
| Railings ...... | 0804 | 12/83 | 108.4 | 110.5 | 110.4 | 2.1 | -1 |
| Grating and grating treads ........................................................................................ | 0805 | 12/83 | 132.5 | 133.5 | 135.0 | 4.5 | 1.1 |
| Light gauge metal framing .................................................................................... | 0806 | 12/83 | 121.6 | ${ }^{(2)}$ | ${ }^{(2)}$ |  | (2) |
| Ground supported scaffolding and shori .............................................................................. | 0808 | 12/83 | 111.1 | 111.1 | 112.6 | 3.9 | 1.4 |
| Other architectural and ornamental met .............................................................................. | 0809 | 12/83 | 117.1 | 117.7 | 117.6 | 5.4 | -. 1 |

See footnotes at end of table.

Table 6. Producer price Indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 19891 | July 1988 | June 1989 |
| Heat exchangers and condensers | 1075 |  | 134.6 | 132.5 | 133.2 | 4.7 | 0.5 |
| Bare tube heat exchangers ... | 0101 |  | 137.9 | 136.7 | 137.4 | 6.5 | . 7 |
| Fin tube heat exchangers .......................................................................................... | 0102 |  | 126.3 | 126.0 | 126.9 | 5.4 | . 7 |
|  | 0107 |  | 150.1 | 137.6 | ${ }^{2}$ ) | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Fabricated steel plate | 1076 |  | 117.9 | 119.8 | 119.2 | 6.0 | -. 5 |
| Weldments | 0111 |  | 127.4 | 129.8 | 128.8 | 6.9 | -.8 |
| Steel plate for containers | 0112 | 12/86 | 113.6 | 118.3 | 116.6 | 5.5 | -1.4 |
| Other fabricated steel plate .............................................................................................. | 0121 |  | 114.8 | 115.4 | 115.4 | 5.7 | 0 |
| Steel power boilers | 1077 |  | 95.0 | 98.2 | 96.5 | -4.6 | -1.7 |
| Prefabricated metal buildings | 1079 |  | 111.8 | 113.1 | 112.9 | 4.2 | -. 2 |
| Prefab. metal bldg systems, ex. farm svcs ................................................................... | 01 |  | 109.5 | 110.6 | 110.1 | 4.4 | -. 5 |
| Industrial and commercial .......................................................................... | 0115 |  | 109.6 | 110.8 | 110.1 | 4.3 | -. 6 |
| Public and educational | 0118 |  | 110.2 | 110.4 | 111.5 | 5.3 | 1.0 |
| Other prefab. \& portable metal buildings | 02 |  | 115.1 | 117.1 | 117.1 | 4.3 | 0 |
| Other farm service buildings, steel and aluminum .............................................................. | 0215 |  | 107.0 | 112.1 | 111.1 | ${ }^{2}$ | . 9 |
| Small utility bldgs, incl. tool sheds, cabanas, etc. .............................................................. | 0221 |  | 118.0 | 118.0 128.2 | 118.0 | .9 8.8 | 2 |
| Dwellings \& other non-farm buildings ................................................................................ | 0235 |  | 124.9 | 128.2 | 128.4 | 8.8 | . 2 |
| Panels, parts, \& sections for prefab bldgs <br> Panels, parts, sections for prefabricated buildings | ${ }_{0354}^{03}$ |  | 107.7 | 109.2 | 111.2 | 3.1 | 1.8 |
| Miscellaneous metal products .................................................................................... | 108 |  | 115.9 | 116.8 | 117.0 | 4.2 | . 2 |
| Bolts, nuts, screws, rivets, and washers | 1081 |  | 109.0 | 111.9 | 111.9 | 5.0 | 0 |
| Externally thread. fasteners, ex. aircraft ................... | 02 | 06/82 | 112.1 | 112.9 | 112.7 | 1.8 | - 2 |
| Hex bolts ........... | 0206 | 06/82 | 96.0 | 96.5 | 96.5 | 1.3 | 0 |
| Square and round bolts | 0207 | 06/82 | 112.2 | 112.2 | 110.3 | -1.9 | -1.7 |
| Studs | 0208 | 06/82 | 102.1 | 104.8 | 105.2 | 6.2 | 4 |
| Flanged self locking sets, lag and wood screws ....................................................... | 0209 | 06/82 | 157.6 | 158.5 | 158.5 | 1.3 | ${ }^{0}$ |
| Machine screws .- | 0221 |  | 111.2 | 109.4 | 111.0 | 2.5 | 1.5 |
| Cap screws .... | 0231 |  | 123.8 | 123.2 | 123.4 | 8.0 | . 2 |
| Tapping screws | 0236 |  | 111.2 | 111.7 | 111.7 | 2.1 | 0 |
| Thread-cutting \& rolling, \& self drilling screws ........................................................ | 0256 | 06/82 | 103.9 | 103.9 | 103.9 | 2.7 | 0 |
| Other externally threaded fasteners ................................................................... | 0261 | 06/82 | 115.1 | 114.4 | 114.1 | . 8 | -. 3 |
| Internally thread. fasteners, ex. aircraft .................... | 03 | 06/82 | 97.5 | 99.3 | 99.3 | 3.2 | 0 |
| Nonthreaded fasteners, except aircraft .... | 04 | 06/82 | 110.5 | 110.5 | 110.6 | 5.2 | 1 |
| Aircratt-aerospace fasteners .......... | 05 | 06/82 | 107.4 | 122.0 | 122.1 | 16.2 | . 1 |
| Other formed fasteners ...-.......................................................................................... | 06 | 06/82 | 105.6 | 105.6 | 105.6 | 3.4 | 0 |
| Lighting fixtures ................................................................................................................ | 1083 |  | 123.1 | 123.9 | 123.8 | 5.1 | -. 1 |
| Residential .......... | 02 |  | 126.6 | 126.9 | 126.9 | 5.3 | 0 |
| Incandescent interior, including bath | 0221 | 12/83 | 118.6 | 119.1 | 119.0 | 5.2 | -. 1 |
| Incandescent outdoor... | 0222 |  | 127.0 | 126.9 | 126.9 | 3.1 | 0 |
| Commercial/institutional or industrial | 03 |  | 123.3 | 123.1 | 123.1 | 4.7 | 0 |
| Commercial incandescent fixtures, surface or pendant | 0301 |  | 131.5 | 132.8 | 132.8 | 1.0 | 0 |
| Commercial incandescent fixtures, recessed ................ | 0303 |  | 141.0 | 141.0 | 142.9 | 8.6 | 1.3 |
| Commercial H.I.D. fixtures, mercury and other types .......................................... | 0311 |  | 132.3 | 130.0 | 128.3 | 8.1 | -1.3 |
| Commercial fluor. fixtures, recessed air handling ....................................................... | 0321 |  | 115.1 | 115.3 | 112.9 | 5.3 | -2.1 |
| Commercial fluor. fixtures, recessed non-air ........... | 0323 |  | 111.4 | 111.0 | 110.9 | 4.7 | -. 1 |
| Commercial fluorescent strip lights ................... | 0325 |  | 114.5 | 114.1 | 114.7 | 4.1 | . 5 |
| Commercial fluorescent ceiling systems | 0327 |  | 115.3 | 116.4 | 116.5 | 8.1 | . 2 |
| Commercial fluorescent fixtures, plastic wraparound ..... | 0329 |  | 116.2 | 116.1 | 116.3 | 4.6 | 2 |
| Commercial fluorescent fixtures, surface or pendent .......................................................... | 0333 |  | 125.3 | 125.3 | 129.3 | 9.3 | 3.2 |
| Component or renewal parts for commercial fixtures ................................................... | 0345 |  | 126.7 | 127.4 | 128.6 | 5.1 | -9 |
| Industrial fluorescent fixtures, general types ................. | 0361 0371 |  | 126.0 | 124.1 123.7 | 124.0 123.7 | 4.6 3.9 | 0 |
|  | 04 |  | 112.7 | 113.6 | 113.7 | 3.5 | . 1 |
| Motor vehicle incandescent lighting | 0401 | 12/83 | 102.8 | 103.6 | 103.7 | 2.2 | . 1 |
| All other vehicular lighting equipment ..................................................................... | 0402 | 12/83 | 125.6 | 126.7 | 126.9 | 7.4 | 2 |
| Lighting equipment, n.e.c. ......................................................................................... | 05 |  | 128.2 | 130.8 | 130.6 | 6.4 | -. 2 |
| Outdoor lighting equipment, including parts .......................................................................... | 0522 | 06/85 | 109.0 | 112.1 | 111.7 | 9.2 | -. 4 |
| Other electric and non-electric lighting ........................................................................... | 0524 | 06/85 | 107.9 | 108.4 | 108.7 | 1.6 | . 3 |
| Ammunition, except for small arms | 1085 | 12/85 | 100.5 | 100.7 | 98.7 | . 8 | -2.0 |
| Ordnance and accessories, n.e.c. ............................................................................ | 1086 | 12/85 | 98.2 | 95.0 | 98.2 | 4 | 3.4 |
| Fabricated ferrous wire products ............................................................................................ | 1088 | 06/82 | 110.7 | 112.2 | 112.4 | 4.9 | . 2 |
| Ferrous wire rope, cable and strand ...................................................................................... | 01 | 06/82 | 103.7 | 104.6 | 104.8 | 4.8 | . 2 |
| Wire rope and cable ................................................................................ | 0111 | 06/82 | 107.3 | 108.3 | 108.5 | 3.4 | . 2 |
| Composite wire strand, rope and cable . | 0121 | 06/82 | 118.6 | 120.0 | 120.2 | 5.3 | . 2 |
| Wire forms. | 0141 | 06/89 | ${ }^{2}{ }^{2}$ | 100.0 | 100.0 | ${ }^{(2)}$ | 0 |
| Wire strand, other than composite types ................................................................ | 0199 | 06/82 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |  | ${ }^{(2)}$ |
| Steel nail and spikes ............................................................................................ | 02 | 06/82 | 105.7 | 107.6 | 107.7 | 1.8 | . 1 |
| Bright nails ...................................-................................................................ | 0211 |  | 109.4 | 110.8 | 110.8 | 5.6 | 0 |
| Galvanized nails .......................................................................................... | 0213 |  | 101.0 | 102.6 | 102.6 | -1.0 | 0 |
| Other wire nails ........................................................................................................ | 0219 | 06/82 | 105.4 | 106.1 | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Steel wire staples .............................................................................................. | 0223 | 06/82 | ${ }^{2}{ }^{2}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Steel fencing and fence gates ............................................................................................. | 06 | 06/82 | 114.9 | 116.1 | 116.2 | 6.8 | . 1 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode |  | Other indexbase | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{\text { }}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Fabricated ferrous wire products--Continued ... | 1088 |  |  | 06/82 | 120.5 | 121.4 | 121.4 | 2.5 |  |
| Chain link fencing ..................................... |  | 0613 | ${ }^{(2)}{ }^{0}$ |  |  |  |  |  |
| Wire fence, woven and welded.. |  | 0621 |  |  | 106.6 | 107.9 | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Fence posts, gates and fittings ... |  | 0635 | ${ }^{(2)}$ |  | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{2}$ |
| Ferrous wire cloth, other woven wire prod. |  | 07 | 06/82 | 117.9 | 118.2 | 120.2 | 9.5 | 1.7 |
| Woven wire netting ................................ |  | 0771 | 06/82 | 108.4 | 109.7 | 109.9 | 5.5 | . 2 |
| Wire cloth and other woven wire products .......................................................................... |  | 0799 | 06/82 | 120.3 | 120.3 | 122.6 | 10.1 | 1.9 |
| Other fabricated ferrous wire products .................................................................................... |  | 09 | $06 / 82$$06 / 82$$06 / 82$ | 113.3 | 115.2 | 115.4 | 4.4 | . 2 |
| Wire chain, tire .......................................................................................................... |  | 0941 |  | 127.0 | 126.5 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other wire chain, excl. tire chain ................................................................................... |  |  |  | ${ }^{(2)}{ }_{105}$ | ${ }^{(2)} 105$ | 78.0 105.7 | ${ }^{2}$ | ( $)$ |
|  |  | 0961 |  | 105.8 106.6 | 105.7 110.5 | 105.7 11.4 | 4.5 2.8 | . 8 |
| Other steel wire fabric ................................................................................................. |  | 0965 | 06/82 | 105.0 | 105.9 | 105.1 | 3.5 | -. 8 |
| Wire carts ........................................................................................................ |  | 09730999 | 12/82 | 118.1 | $\left.{ }^{2}\right)$ | 121.2 | 8.7 | () |
| Other wire products ............................................................................................ |  |  | 06/82 | 123.7 | 125.8 | 125.9 | 4.4 |  |
| Other miscellaneous metal products .................................................................................. | 1089 |  |  | 118.2 | 119.0 | 119.1 | 4.0 | . 1 |
| Hot formed springs. |  | 02 |  | 102.7 | 103.4 | 103.4 | 1.4 | 0 |
| Orig. equip. leaf springs, except for passenger cars |  | 0216 |  | 99.8 | 100.3 | 100.4 | . 6 | . 1 |
| Replacement leaf springs for motor vehicles. |  | 0217 |  | 98.8 | 98.8 | 98.8 | 1.2 | 0 |
| Locomotive, rairoad car \& other helical springs .......................................................... | 0225 |  |  | 113.0 | 113.0 | 113.0 | 4.2 | 0 |
| Cold formed springs ................................................................................................... | 03 |  |  | 113.8 | 116.5 | 116.5 | 3.6 | 0 |
| Wire springs .............................................................................................. | 04 |  |  | 113.5 | 113.9 | 113.9 | 2.2 | 0 |
| Precision mechanical springs .............................................................................. |  |  | 12/82 | 121.6 | 122.4 | 122.5 | 2.5 | . 1 |
| Other wire springs ............................................................................................ |  | 0424 |  | 106.1 | 106.1 | 106.1 | 1.6 | 0 |
| Other metal products ............................................................................................................. | 05 |  |  | 118.5 | 119.2 | 119.3 | 2.8 | . 1 |
| Original equipment automobile stampings .. | 0506 |  |  | 108.4 | 108.6 | 108.7 | 1.7 | . 1 |
| Automotive screw machine products .... | 0521 |  | 12/83 | 118.9 | 119.8 | 119.9 | 3.4 | . 1 |
| Other screw machine products ........ |  |  | 12/83 | 116.2 | 117.3 | 117.9 | 5.5 | . 5 |
| Metal powders, paste, and flake |  | ${ }_{0} 0522$ | 06/85 | 131.4 | 132.2 | 131.2 | 4.0 | -8 |
| Nonferrous nails, brads, staples, tacks, etc. |  | 0564 0566 | 06/85 | 113.8 | 111.4 | 110.5 | 1.5 | -. 8 |
| Other fabricated metal products .......................................................................................... |  | 06 | 06/85 | 111.4 | 112.6 | 113.0 | 3.6 | . 4 |
| Metal crowns and closures ........................................................................................... |  |  | 12/83 | 112.5 | 113.5 | 115.3 | 6.6 | 1.6 |
| Metal commercial closures (caps) .. | 0611 |  | 12/83 | 113.1 | 114.2 | 117.2 | 12.4 | 2.6 |
| Other metal closures, except crowns ............................................ | 0615 |  | 12/83 | 108.3 | 108.3 | ${ }^{(2)}$ | ${ }^{12}$ | ${ }^{(2)}$ |
| Metal crowns .............................................................................. | 0617 |  | 12/83 | 113.8 | 114.2 | 115.6 | 5.4 | 1.2 |
| Metal stampings n.e.c. ................. | 07 |  | 06/84 | 116.7 | 117.2 | 117.1 | 5.8 | -. 1 |
| Job stampings, non-automotive | 0701 |  |  | 129.2 | 129.8 | 130.2 | 5.8 | . 3 |
| Other stamped and pressed metal end products ........................................................ | 0731 |  | 06/84 | 115.6 | 116.1 | 115.2 | 6.0 | -. 8 |
| Metal foil and leaf ........................................................................................ | 08 |  | 12/84 | 114.0 | 115.3 | 116.3 | 11.5 | . 9 |
| Laminated aluminum foil rolls and sheets | 0811 |  | 12/84 | 105.8 | 107.7 | 109.0 | 12.7 | 1.2 |
| Converted unmounted alum, foil for nonpkg appi. .......... | 0821 |  | 12/84 | 112.0 | 112.0 | 112.0 | 9.4 | 0 |
| Other metal foil and leat ......................................................................................... |  | 0831 | 12/84 | 122.8 | 125.5 | 126.2 | 4.0 | . 6 |
| Metal treatment services | 109 |  | 12/84 | 114.0 | 114.7 | 114.5 | 4.1 | -. 2 |
| Metal treatment services | 1091 |  |  |  |  |  |  |  |
| Metal plating and polishing ............................................................................................................ | 01 |  | 12/84 | 117.1 | 117.7 | 117.9 | 5.8 | . 2 |
| Metal coating and allied services ........................................................................... | 02 |  | 12/84 | 114.6 | 115.8 | 115.0 | 3.2 | -. 7 |
| Metal heat treating ............... | 03 |  | 06/85 | 105.0 | 105.3 | 105.3 | 1.3 | 0 |
| Metal heat treating - South Central | 0333 |  | 06/85 | 105.5 | 105.5 | 105.5 | 1.5 | 0 |
| Metal heat-treating - Michigan | 0334 |  | 06/85 | 100.8 | 100.8 | 100.8 | 7 | 0 |
| Metal heat treating - North Central |  | 0336 | 06/85 | 105.6 | 106.0 | 106.0 | 1.7 | 0 |
| Metal heat treating - Pacific Coast | 0337 |  | 06/85 | 106.9 | 108.3 | 108.3 | 2.2 | 0 |
| Metal heat treating - Southwest ....................................................................................................................................................... | 0338 |  |  | 103.8 | 103.8 | 103.8 | 1.3 | 0 |
| Machinery and equipment | 11 |  |  | 116.3 | 117.3 | 117.6 | 3.9 | 3 |
| Agricultural machinery and equipment ........................................................................ | 111 |  |  | 116.5 | 116.9 | 117.1 | 4.2 | . 2 |
| Farm and garden tractors ........... | 1111 |  | 12/82 | 118.0 | 118.8 | 119.3 | 7.3 | . 4 |
| Farm tractors, wheel type | $\begin{aligned} & 02 \\ & 0201 \end{aligned}$ |  |  | 112.1 | 113.9 | 113.9 | 8.7 | 0 |
| Farm tractors, two wheel drive ... |  |  | 117.8 | 120.1 | 120.1 | 11.3 | 0 |  |
| Farm tractors, four wheel drive .. | 0211 |  |  | 12/82 | 106.5 | 106.9 | 106.9 | . 8 | 0 |
| Garden tractors .............................................................................................................. | ${ }_{0522}^{05}$ |  |  |  |  |  |  |  |
| Garden tractors .............................................................................................................. |  |  |  | 131.8 | 131.8 | 131.8 | 5.4 | 0 |
| Farm tractor parts and attachments ......................................................................... |  |  | 12/82 | 113.5 | 112.1 | 113.6 | 4.5 | 1.3 |
| Attachments ............................................................................................................ |  | 52 5221 | 12/82 | 116.7 | 116.7 | 116.7 | 2.8 | 0 |
| Agricultural machinery excl. tractors ..................................................................................... | 1112 |  |  | 115.3 | 115.4 | 115.5 | 1.9 | . 1 |
|  |  | 01 |  | 122.2 | 122.1 | 122.7 | 4.2 | . 5 |
| Plows |  | 0111 | 12/82 | 115.8 | 115.8 | 116.3 | 4.1 | . 4 |
| Harrows, rollers, and stalk cutters ........................................................................... |  | 02 |  | 113.9 | 114.4 | 114.4 | 1.8 | 0 |
| Stalk shredders and cutters .............................................................................. |  | 0211 | 12/82 | 115.0 | $\left(^{2}\right)$ | 115.0 | 4.5 | ${ }^{(2)}$ |
| Harrows and combination tillage equipment ................................................................. |  | 0221 | 12/82 | 108.8 | 109.6 | 109.6 | . 6 | 0 |
| Planting, seeding, and fertilizing mach. ........................................................................... |  | 03 |  | 111.9 | 114.1 | 114.7 | 1.8 | . 5 |
| Planting and seeding machinery ..................................................................................... |  | 0311 | 12/82 | 108.1 | 109.5 | 110.1 | 1.0 | . 5 |
| Fertilizing machinery ........................................................................................... |  | 0321 | 12/82 | 111.2 | 115.0 | 115.8 | 3.9 | . 7 |
| Cultivators ............................................................................................................. |  | 04 |  | 124.0 | 125.1 | 127.0 | 4.3 | 1.5 |
| Cultivators .................................................................................................. |  | 0411 | 12/82 | 121.3 | 122.4 | 124.3 | 4.3 | 1.6 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual ltems-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June $1989{ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Power driven hand tools | 1132 |  | 116.0 | 116.1 | 117.1 | 4.9 | 0.9 |
| Power hand tools, electric/battery powered................................................................................................................ | 06 | 06/86 | 107.2 | 107.2 | 109.0 | 5.6 | 1.7 |
| Power hand tools, preumatic/hydr./powder .................................................................... | 08 | 06/86 | 110.9 | 111.4 | 111.3 | 4.1 | -. 1 |
| Welding machines and equipment | 1133 |  | 121.6 | 122.3 | 122.5 | 3.8 | . 2 |
| Arc weiding mach., components ex electrode .... | 01 |  | 118.0 | 119.0 | 119.2 | 4.3 | 2 |
| Arc welding machines ...... | 0172 | 12/84 | 114.8 | 116.3 | 116.6 | 5.3 | 3 |
| Components for arc welding mach., exc. electrodes .................................................. | 0174 | 12/84 | 108.4 | 108.7 | 108.7 | 2.9 | 0 |
| Resistance welders, components \& electrode ...................................................... | 02 |  | 123.1 | 122.8 | 124.1 | 2.8 | 1.1 |
| Arc welding electrodes ........................... | 03 |  | 124.3 | 124.7 | 124.7 | 2.5 | 0 |
| Gas welding machines and equipment .......................................................................................... | 04 |  | 123.9 | 124.8 | 124.8 | 5.0 | 0 |
| Industrial process furnaces and ovens ................................................................................... | 1134 |  | 122.7 | 124.1 | 125.1 | 3.6 | . 8 |
| Electric, excluding induction \& dielectric ............................................................................ | 01 |  | 122.4 | 122.5 | 122.6 | 1.3 | . 1 |
| Electric furnaces .............................................................................................................. | 0108 | 12/86 | 108.0 | 108.0 | 108.0 | . 9 | 0 |
| Electric industrial ovens and kilns, incl. infrared ................................................................ | 0109 | 12/86 | 105.7 | 106.0 | 106.1 | 2.2 | . 1 |
| Fuel-fired .......................................................................................................... | 02 |  | 117.1 | 119.8 | 123.0 | 8.1 | 2.7 |
| Fuel-fired furnaces ........................................................................................ | 0218 | 12/86 | ${ }^{(2)}$ | ${ }^{(2)}$ | 112.4 | 11.4 | (2) |
| Fuel-fired ovens and kilns .................................................................................................. | 0219 | 12/86 | 107.5 | 108.5 | 108.5 | 2.1 | 0 |
| Induction and dielectric heating equip. ............................................................................... | 03 |  | 125.8 | 126.7 | 127.9 | 2.2 | . 9 |
| Induction furnaces and heating equipment ..................................................................... | 0326 | 12/86 | 104.0 | 104.7 | 105.7 | 2.1 | 1.0 |
| Otr. indus. elec. heat. units; parts/attac ............................................................................ | 05 |  | 128.1 | 129.9 | 129.8 | 3.1 | -. 1 |
| Parts, attachments, and components ...................................................................... | 0543 0545 |  | 121.8 139.8 | 123.0 142.0 | 122.7 | 4.6 2.3 | -2 |
| Other industrial electric heating units ....................................................................... | 0545 |  | 139.8 |  |  |  |  |
| Cutting tools and accessories .................................................................................. | 1135 |  | 113.7 | 114.7 | 115.3 | 3.7 | 5 |
| Small cutting tools .................................................................................................................. | 01 |  | 109.5 | 110.0 | 110.8 | 3.6 | . 7 |
| Small cutting tools .......... | 0116 | 06/83 | 107.7 | 108.1 | 108.9 | 3.5 | . 7 |
| Precision measuring tools | 02 |  | 125.3 | 125.3 | 125.3 | 3.2 | 0 |
| Precision measuring tools | 0243 | 06/83 | 121.2 | 121.2 | 121.2 | 3.1 | 0 |
| Metalworking power saw blades | 03 | 06/83 | 134.2 | 139.0 | 138.7 | 3.7 | -. 2 |
| Bandsaw blade ...... | 0327 | 06/83 | 130.1 | 131.2 | 130.8 | 1.2 | -3 |
| Circular saw blades | 0328 | 06/89 | ${ }^{(2)}$ | 100.0 | 100.0 | ${ }^{(2)}$ | 0 |
| Other metal working power saw blades | 0332 | 06/83 | 122.6 | 131.8 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other blades, incl. concrete, masonry \& abrasive .................................................. | 0401 | 06/83 | ${ }^{(2)}$ | ${ }^{(2)}$ | 122.6 | ${ }^{(2)}$ | (2) |
| Other machine tool attachments \& acc. ................................................................... | 05 |  |  |  |  |  |  |
| Other machine tool attachments \& accessories ......................................... | 0501 | 06/83 | 113.0 | 114.9 | 116.0 | 4.9 | 1.0 |
| Abrasive products . | 1136 |  | 116.1 | 120.2 | 120.2 | 7.4 | 0 |
| Nonmetallic sized abrasives | 01 |  | 84.3 | 88.9 | 88.9 | 14.4 | 0 |
| Nonmet. bonded abrasives and diamond wheel | 03 |  | 116.0 | 123.7 | 123.7 | 8.1 | 0 |
| Nonmetallic coated abrasive products | 05 |  | 133.1 | 134.1 | 134.2 | 5.0 | . 1 |
| Metal abrasives, including scouring pads ..................................................... | 31 |  | 118.4 | 119.7 | 118.7 | 3.7 | -. 8 |
| Metal cutting machine tools | 1137 |  | 122.3 | 122.6 | 123.3 | 5.6 | . 6 |
| Boring machines ............... | 11 |  | 105.4 | 107.9 | 107.9 | 4.6 | 0 |
| Drilling machines ................... | 12 |  |  |  |  |  |  |
| Drilling machines .... | 1231 | 06/83 | 111.6 | 112.2 | 112.2 | 3.2 | 5 |
| Grinding machines .................................................................................................. | 13 |  | 132.8 | 133.3 | 134.0 | 8.3 | . 5 |
| Lathes. | 14 |  | 108.1 | 108.2 | 109.7 | 9.3 | 1.4 |
|  | 15 |  |  |  |  |  |  |
| Milling machines.. | 1511 | 06/83 | 113.0 | 113.0 | 113.0 | 2.5 | 0 |
| Multi-function machines, n/c........ | 16 |  | 105.9 | 106.4 | 110.1 | 8.9 | 3.5 |
| Station type machines ........................................... | 18 | 06/83 | 136.1 | 135.3 | 135.5 | 5.0 | 1 |
| Other metal cutting machine tools .............................................................................. | 19 |  | 118.6 | 117.9 | 117.9 | 3.1 | 0 |
| Parts for metal cutting machine tools ................................................................................ | 51 |  | 123.3 | 124.1 | 124.1 | 2.3 | 0 |
| Metal forming machine tools | 1138 |  | 117.0 | 117.7 | 117.9 | 4.0 | 2 |
| Punching, bending and forming machines ...................................................... | 21 |  | 109.7 | 109.8 | 109.8 | 2.0 | 0 |
| Press brakes ................................. | 2104 |  | 125.8 | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ | ${ }^{2}$ | ${ }^{2}$ ) |
| Other bending/forming machines, including folders ................................................... | 2119 | 12/86 | 108.2 | 108.2 | 108.2 | 4.0 | 0 |
| Presses .......................................................................................................... | 23 |  | 112.9 | 113.5 | 113.6 | 4.1 | . 1 |
| Mechanical presses .............................................................................................. | 2308 | 12/86 | 103.7 | 104.5 | 104.6 | 3.7 | . 1 |
| Other metal forming machines ....................................................................................... | 25 |  | 123.2 | 123.2 | 123.2 | 6.2 | 0 |
| Other metal forming mach. tools, inc. rebuilt tools .............................................................. | 2508 | 12/86 | 111.5 | 111.5 | 111.5 | 6.1 | ${ }_{7}$ |
| Parts for metal forming machine tools .................................................................................... | 51 |  | 120.5 | 122.5 | 123.3 | 4.2 | . 7 |
| Tools, dies, jigs, fixtures \& ind. molds ................................................................................. | 1139 |  | 112.6 | 114.3 | 114.1 | 2.8 | -. 2 |
| Special dies, tools, iigs, and fixtures | 01 |  | 112.7 | 114.4 | 114.4 | 3.4 | 0 |
| Jigs/fixtures; other types, under 1000 lbs . | 0103 |  | 114.0 | 124.7 | 123.9 | 9.3 | -. 6 |
| Forming and drawing dies, 500 lbs. and under ................................................................ | 0107 |  | 124.6 | ${ }^{(2)}$ | 126.2 | 2.8 | (2) |
| Stamping dies, progressive type, high speed steel ............................................................... | 0111 |  | 102.0 | 102.0 | 102.0 | 2.3 | 0 |
| Stamping dies, progressive type, other steel ............................................................. | 0112 | 12/86 | 101.4 | 102.1 | 102.0 | 1.6 | -. 1 |
| All other stamping-type dies ............................................................................. | 0114 |  | 108.3 | 108.3 | 108.3 | 4.5 | 0 |
| Other components and parts for dies ........................................................ | 0125 |  | 118.1 | 118.1 | 118.1 | -. 3 | 0 |
| Other specially designed tooling and prototypes ........................................................... | 0129 | 12/86 | 101.2 | 101.2 | 101.2 | 0 | 0 |
| Industrial molds | 03 |  | 112.8 | 114.5 | 113.9 | 1.4 | -. 5 |
| Die casting molds | 0301 |  | 117.2 | 118.4 | 118.4 | 1.6 | 0 |
| injection molds for plastic products ................................................. | 0305 |  | 109.2 | 110.4 | 110.3 | 1.6 | ${ }^{-1}$ |
| Other molds for plastic products ................................................................................... | 0306 | 12/86 | (2) | ${ }^{(2)}$ | $\left.{ }^{2}\right)$ | ${ }^{(2)}$ | ( ${ }^{\text {a }}$ |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989' | July $1989{ }^{1}$ | July 1988 | June 1989 |
| General purpose machinery and equipment ....................................................................... | 114 |  | 117.7 | 119.2 | 119.3 | 5.7 | 0.1 |
| Pumps, compressors, and equipment | 1141 |  | 113.6 | 115.1 | 115.4 | 5.7 | . 3 |
| Industrial pumps ............................ | 02 |  | 116.8 | 117.7 | 118.6 | 6.9 | 8 |
| Reciprocating pumps. | 0202 |  | 100.0 | 100.0 | 100.0 | . 5 | 0 |
| Turbine pumps .......... | 0211 |  | 119.6 | 120.0 | 120.1 | 8.8 | . 1 |
| Rotary pumps ........... | 0231 |  | 126.6 | 127.8 | 127.6 | 5.5 | -2 |
| Centritugal pumps | 0241 | $12 / 83$ | 119.6 | 120.7 | 122.1 | 7.7 | 1.2 |
| Diaphragm pumps | 0251 | 12/83 | 111.8 | 116.8 | 116.8 | 8.3 | 0 |
| Other industrial pumps | 0261 | 12/83 | 110.4 | 110.4 | 110.4 | 2.1 | 0 |
| Stationary air compressors | 03 |  | 113.3 | 113.3 | 113.3 | 3.4 | 0 |
| Stationary air compressors .......................................................................................... | 0311 | 06/84 | 109.9 | 109.9 | 109.9 | 3.4 | 0 |
| Stationary gas compressors .......................................................................................... | 04 |  | 114.9 | 117.0 | 117.0 | 12.4 | 0 |
|  | 05 0501 | 06/84 | 103.0 | $\left.{ }^{2}\right)$ | 103.0 | 5.0 | ${ }^{(2)}$ |
| Other compressors .......................................................................................................................................................................................... | 06 | 06/84 | 103.0 | () | 103.0 | 5.0 | () |
| Vacuum pumps ............................................................................................................ | 0601 | 06/84 | 115.9 | 122.4 | 122.4 | 7.3 | 0 |
| Air/gas compress. \& vac. pump pts./attach. <br> Air \& gas compressor \& vacuum pump parts \& attachmts | 07 0701 | 06/84 | 108.7 | 110.2 | 110.3 | 4.6 | . 1 |
| Industrial spraying equipment. | 08 |  |  |  |  |  |  |
| Industrial spraying equipment | 0801. | 06/84 | 110.1 | 110.1 | 110.1 | 6 | 0 |
| Measuring \& dispensing pumps | 09 | 06/84 | 110.1 | 110.2 | 111.1 | 3.4 | . 8 |
| Gasoline dispensing pumps, computing type | 0901 | 06/84 | 104.5 | 104.5 | 104.8 | 1.6 | . 3 |
| Lubricating-oil and grease dispensing equipment.. | 0903 | 06/84 | 123.7 | 124.0 | 124.0 | 7.8 | 0 |
| Other measuring and dispensing pumps ................ | 0905 | 06/84 | 109.8 | 109.8 | 111.7 | ${ }^{2}$ ) | 1.7 |
| Other pumps, including parts ............... | 12 | 12/83 | 114.3 | 117.2 | 117.0 | 5.2 | -. 2 |
| Other pumps .............................. | 1201 | 12/83 | 115.0 | 115.3 | 115.3 | 3.1 | 0 |
| Parts and attachments for pumps ........................................................................................ | 1211 | 12/83 | 114.2 | 117.5 | 117.3 | 5.5 | -. 2 |
| Elevators, escalators, and other lifts | 1142 |  | 105.5 | 107.9 | 107.1 | 2.5 | -. 7 |
| Elevators \& escalators | 01 |  | 103.0 | 106.3 | 105.1 | 3.1 | -1.1 |
| Geared electric passenger elevators | 0102 |  | 99.2 | 101.0 | 101.0 | 1.8 | 0 |
| Hydraulic passenger elevators ... | 0105 |  | 109.1 | 110.0 | 110.2 | 3.2 | 2 |
| Hydraulic freight elevators ...... | 0107 |  | 95.0 | ${ }^{(2)}$ | 96.5 | 1.9 | ${ }^{(2)}$ |
| Other non-farm elevators, including dumbwaiters, etc .-.......................................... | 0109 |  | 124.5 | 124.5 | 124.5 | 8 | 0 |
| Elevator and escalator parts \& attachments ........................................................... | 02 0221 |  |  |  |  |  |  |
| Parts and attachments for elevators and escalators ................................................ | 0221 |  | 124.3 | 124.3 | 124.3 | 0 | 0 |
| Fluid power equipment | 1143 |  | 119.3 | 119.6 | 119.8 | 4.6 | . 2 |
| Fluid power pumps ........... | 01 |  | 119.0 | 119.1 | 119.7 | 4.1 | . 5 |
| Fluid power valves.. | 02 |  | 119.6 | 120.0 | 120.0 | 4.3 | 0 |
| Cyls., accumulators, cushions, shock absrs | 03 |  |  |  |  |  |  |
| Cylinders, accumulators, cushions, shock absorbers ........................................................... | 0311 | 06/84 | 111.3 | 111.2 | 111.7 1140 | 6.2 3.4 | -1 |
| Fluid power hose and tube fittings .......................................................................................... | 04 |  | 113.3 | 114.1 | 114.0 | 3.4 | -. 1 |
| Industrial material handling equipment ...................................................................... | 1144 |  | 110.1 | 111.9 | 112.1 | 4.3 | . 2 |
| Conveying equipment .......................................................................................... | 02 |  | 111.5 | 113.2 | 113.8 | 4.5 | . 5 |
| Unit handling convey/convey sys hoists/farm elvators .................................................. | 0212 | 06/84 | 106.8 | 107.5 | 107.6 | 2.1 | . 1 |
| Parts/acces. for unit handling conveyors \& conv. sys .................................................... | 0214 | 06/84 | 122.9 | 122.2 | 123.1 | 10.3 | . 7 |
| Bulk mtl hndig conveyors \& conveying sy ex ho \& farm ................................................... | 0216 | 06/84 | 108.8 | 111.9 | 112.6 | 4.5 | 6 |
| Pts \& access for bulk mtl hdig conveyors \& conv sys ....................................................... | 0218 | 06/84 | 117.5 | 119.7 | 120.8 | 9.9 | . 9 |
| Industrial trucks and tractors .... | 03 |  | 106.9 | 109.7 | 109.5 | 5.2 | - 2 |
| Electric trucks, operator-riding | 0351 |  | 104.0 | 104.9 | 105.0 | 5.1 | 1 |
| Motorized handtrucks | 0352 |  | 98.2 | 99.6 | 99.6 | 4.2 | 0 |
| Internal combustion trucks, under $6,000 \mathrm{lbs}$. | 0361 |  | 102.2 | 105.0 | 105.0 | 5.0 | 0 |
| Internal combustion trucks, 6,000-14,999 tbs. | 0362 |  | 104.3 118.1 | 107.3 118.4 | 107.3 118.4 | 3.0 5.1 | 0 |
| Internal combustion trucks, 15,000 lbs. and over ................................................................. | 0363 0366 | 12/86 | 118.1 108.5 | 108.5 | 108.5 | 4.6 | 0 |
| Other powered trucks and tractors Handtrucks, trailers and dollies, ex. handlifts | 0366 0375 |  | 110.9 | 110.9 | 110.9 | 6.6 | 0 |
| All other industrial trucks and tractors ............................................................................. | 0377 | 12/86 | 103.8 | 104.7 | 103.9 | 1.0 | -. 8 |
| Parts, attachments, and accessories ..................................................................... | 0378 | 12/86 | 107.0 | 114.2 | 113.9 | 10.0 | -. 3 |
| Hoists, cranes and stacking machines ...................... | 04 |  | 113.5 | 113.7 | 113.8 | 2.4 | . 1 |
| Hoists, including parts. | 0481 | 12/84 | 111.7 | 111.9 | 112.0 | 8 | 1 |
| Cranes and stacking machines, including parts ......................................................... | 0485 | 12/84 | 106.9 | 107.1 | 107.1 | 4.0 | 0 |
| Mechanical power transmission equipment ................................................................ | 1145 |  | 120.4 | 120.8 | 121.1 | 4.1 | 2 |
| Speed changers, drives, gears ........... | 01 |  | 117.8 | 118.3 | 119.1 | 4.2 | . 7 |
| Speed reducers, fixed ratio, enclosed ................................................................................. | 0106 | 12/83 | 119.4 | 120.3 | 122.7 | 6.6 | 2.0 |
| Gear motors ..................................................................................................... | 0107 | 12/83 | 117.6 | 117.6 | 117.6 | 5.2 | 0 |
| Loose gear, pinions and racks ............................................................................................ | 0108 | 12/83 | 110.3 | 110.6 | 110.8 | 2.1 | 2 |
| Mechanical-variable speed changers .................................................................................. | 0109 | 12/83 | 114.8 | 114.8 | 114.8 | 6.2 | (2) $^{0}$ |
| Industrial high speed drives .................................................................................... | 0112 | 12/83 | 112.3 | 113.3 | ${ }^{(2)}$ | $\left.{ }^{2}\right)$ | ${ }^{2}$ ) |
| Parts/components for speed changers, ........................................................ | 0114 | 12/83 | 120.2 | 120.8 | 121.0 | 3.2 | 2 |
| Other power transmission equipment ..................................................................................... | 02 | 12/84 | 115.2 | 115.5 | 115.5 | 4.1 | 0 |
| Plain bearings and bushings ............................................................................................... | 0201 | $12 / 84$ $12 / 84$ | 108.8 115.2 | 109.6 | 109.2 | 8.7 5.5 | -. ${ }^{0}$ |
| Clutches ..................................................................................................................... | ${ }_{0} 0202$ | $12 / 84$ $12 / 84$ | 115.2 115.2 | 118.6 115.2 | 118.6 115.2 | 5.5 .3 | 0 |
| Flexible couplings ........................................................................................................................................................................ | 0203 0204 | $12 / 84$ $12 / 84$ | 115.2 111.1 | 109.2 109.2 | 109.2 | 3.7 | 0 |
|  | 0205 | 12/84 | 109.2 | 113.2 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Pulleys ............................................................................................... | 0206 | 12/84 | ${ }^{(2)}$ | ${ }^{(2)}$ | 104.4 | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other power transmission equipment, incl. sheaves ......................................................... | 0209 | 12/84 | 120.5 | 119.0 | 119.2 | 2.1 | 2 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 = 100 unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | $\underset{\text { code }}{\text { Commodity }}$ | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 19891 | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Transformers and power regulators--Continued | 1174 |  |  |  |  |  |  |
| 501-2500 KVA, liquid immersed .......................... | 0501 |  | 112.0 | 117.7 | 118.6 | 7.3 | 0.8 |
| Secondary unit substation ............................................................................................................................................ | 0511 |  | 91.8 | 90.6 | 91.4 | ${ }^{(2)}$ | . 9 |
| Large power transformers ................................................................................ | 06 |  | 111.3 | 114.0 | 113.3 | 12.8 | -. 6 |
| 10001-30000 KVA, w/o LTC ................................................................................................ | 0623 |  | ${ }^{1}{ }^{2}$ | 86.4 | 84.6 | $\left.{ }^{2}\right)$ | -2.1 |
| Specialy and all other transformers ............................................................. | 07 |  | 124.9 | 125.7 | 126.8 | 6.5 | . 9 |
| Open core/coil and units end-bell enclosed ............................................................. | 0701 |  | 127.1 | 124.4 | 136.1 | 11.9 | 9.4 |
| Instrument transformers ................................................................................................. | 0705 |  | 120.2 | 121.0 | 121.0 | (2) | 0 |
| General purpose transformers ............................................................................................ | 0711 0731 |  | 118.2 144.9 | 120.3 148.6 | 118.7 150.0 | 5.9 14.5 | -1.3 .9 |
| Other transformers ................................................................................................................ | 0731 |  | 144.9 | 148.6 | 150.0 | 14.5 | . 9 |
| Switchgear, switchboard, etc. equipment | 1175 |  | 118.2 | 119.3 | 119.3 | 5.4 | 0 |
| Industrial controls ............................................................................................ | 07 |  | 116.0 | 116.3 | 116.6 | 4.0 | 3 |
| Switchgear,exc.ducts \& contr.circuit relay ............................................................. | 11 | 06/85 | 111.5 | 112.9 | 110.1 | 4.2 | -2.5 |
| Power circuit breakers, all types .................................................................................. | 12 |  |  |  |  |  |  |
| Power circuit breakers, all types ....................................................................... | 1201 | 06/85 | 103.1 | 103.9 | 103.9 | 2.6 | 0 |
| Panelboards\& switching \& interrupting devs ......................................................................... | 13 | 06/85 | 114.7 | 118.1 | 118.5 | 11.1 | . 3 |
| Fuses/equip. < 2300 volts ex. power dist c ......................................................................... | 14 | 06/85 | 114.6 | 118.4 | 118.4 | 5.2 | 0 |
| Molded case circuit breakers ................................................................................................ | 15 | 06/85 | 116.2 | 116.8 | 116.7 | 7.0 | -.1 3.9 |
| Relays, control circuit ....................................................................................................... | 17 | 06/85 | 110.9 | 110.9 | 115.2 | 9.3 | 3.9 |
| Communication and related equipment | 1176 | 12/85 | 103.8 | 104.5 | 105.0 | 2.3 | . 5 |
| Telephone and telegraph equipment ................................. | 01 | 12/85 | 108.6 | 109.0 | 110.0 | 2.8 | . 9 |
| Line transmission equipment ........................................................................... | 0111 | 12/85 | 143.1 | 146.9 | 154.0 | 13.2 | 4.8 |
| Switching equipment .......................................................................................................... | 0121 | 12/85 | 102.6 | 101.6 | 101.7 | -. 8 | . 1 |
| Telephone sets .............................................................................................. | 0131 | 12/85 | 90.9 | 90.9 | 89.8 | -2.6 | -1.2 |
| Modems ................................................................................................ | 0133 | 12/85 | 115.8 | 115.8 | 115.8 | 0 | 0 |
| Other telephone and telegraph apparatus | 0141 | 12/85 | 105.1 | 105.9 | 106.4 | 3.7 | . 5 |
| Radio 8 television communication equipment | 02 | 12/85 | 102.9 | 103.8 | 104.1 | 2.2 | . 3 |
| Broadcast, studio and related equipment. | 0201 | 12/85 | 105.1 | 105.2 | 104.9 | . 3 | -. 3 |
| Mobile pt.to-pt. related communication radio equip. ....................................................... | 0202 | 12/85 | 104.3 | 104.9 | 105.7 | 2.4 | . 8 |
| Intercom, alarm \& tratfic control systems ......................................................................... | 0203 | 12/85 | 103.8 | 107.1 | 106.6 | 4.5 | - 5 |
| Radar, sonar \& other search/detection/tracking equip .................................................... | 0204 | 12/85 | 103.8 | 105.6 | 105.6 | 3.1 | 0 |
| Electronic warfare \& missile systems \& equipment ........................................................... | 0205 | 12/85 | 98.4 | 98.4 | 98.4 | 4 | 0 |
| Navigation systems for aircraft, ships \& ground $\qquad$ Other electronic equipment $\&$ devices, n.e.c. $\qquad$ | 0206 0209 | $12 / 85$ $12 / 85$ | 99.2 106.8 | 100.0 106.5 | 101.5 106.6 | 2.6 .8 | 1.5 .1 |
| Electric lamps/bulbs and parts . | 1177 |  | 124.0 | 124.0 | 124.8 | 1.4 | . 6 |
| Incandescent ....... | 01 |  | 124.3 | 124.2 | 125.3 | 4.0 | . 9 |
| General lighting . | 0101 |  | 114.6 | 114.6 | 115.5 | 4.7 | 8 |
| Reflector lamps | 0105 |  | 132.0 | ${ }^{(2)}$ | 132.6 | . 8 | ${ }^{(2)}$ |
| Photographic bulbs and flashes | 0111 | 12/83 | 121.9 | ${ }^{(2)}$ | 125.4 | 16.5 | (2) |
| Other large incandescent ........................................................................................... | 0112 | 12/83 | 94.9 | (2) | 94.2 | -1.3 | $\left.{ }^{2}\right)$ |
| Other than incandescent .... | 02 |  | 126.2 | 126.4 | 127.1 | -4.1 | . 6 |
| Flourescent, hot cathode. | 0221 | 12/83 | 106.7 | ${ }^{(2)}$ | 107.5 | -4.5 | (2) |
| Other electric discharge .. | 0222 | 12/83 | 110.0 | 110.4 | 110.6 | -3.1 | . 2 |
| Parts for electric lamps/bulbs ................................................................. | 03 | 12/85 | 99.6 | 99.6 | 99.6 | 3.4 | 0 |
| Electronic components and accessories. | 1178 |  | 119.6 | 119.6 | 119.4 | 1.4 | . 2 |
| Power, transmitter, special purpose tubes .... | 03 |  | 145.2 | 145.8 | 145.8 | 3.3 | 0 |
| Capacitors ................... | 11 |  | 103.8 | 98.3 | 98.2 | -. 8 | . 1 |
| Aluminum electrolytic, $5 / 8$-inch diameter and up ................... | 1102 |  | 125.9 | 126.5 | 126.5 | 6.8 | 0 |
| Tantalum, slug and wire dry electrolytic, metal case ...................................................... | 1112 |  | 91.1 | 90.5 | 89.3 | -1.7 | -1.3 |
| Ceramic dielectric ............ | 1121 |  | 118.3 | ${ }^{2}$ | 118.3 | -. 3 | ( ${ }^{\prime}$ |
| Ceramic monolithic, lead radial ... | 1123 |  | 93.8 | 74.4 | 74.4 | -2.6 | 0 |
| Ceramic monolithic, lead akial .............................................................. | 1124 |  | 49.1 | ${ }^{(2)}$ | ${ }^{2}$ ) |  | (2) |
| Resistors for electric applications ........................................................................................ | 12 |  | 110.8 | 112.7 | 112.6 | 4.5 | -. 1 |
| Thick film resistor networks ................................................................ | 1272 |  | 81.6 | 81.6 | 81.6 | -4.0 | 0 |
| Nonprecision, fixed wirewound ........................................................................... | 1281 | 06/86 | 106.3 | 106.3 | 106.3 | 4.4 | 0 |
| Ultraprecision, fixed wirewound ....... | 1284 |  | 112.0 | 112.0 | 112.0 | . 7 | 0 |
| Carbon composition, fixed nonwirewound .................................................................. | 1287 | 06/86 | 123.1 | 127.4 | ${ }^{(2)}$ | ${ }^{(2)}$ | (2) |
| Relays | 21 |  | 137.0 | 137.2 | 137.9 | 4 | . 5 |
| Switches, mechanical (electronic appl.) ............................... | 22 | 06/82 | 117.5 | 117.5 | 117.5 | 2.8 | 0 |
| Connectors | 24 |  | 125.2 | 128.5 | 129.4 | 5.1 | 7 |
| Coaxial connectors (radio frequency) .......................................................... | 2411 |  | 161.4 | 162.8 | 162.8 | 8.4 | 0 |
| Cylindrical connectors, h.d. and std. ....................................................... | 2421 |  | 139.5 | 138.9 | 142.3 | 2.4 | 2.4 |
| Miniature cylindrical ..................... | 2422 |  | 119.9 | 119.9 | 127.4 | 8.0 | 6.3 |
| Subminiature cylindrical ............ | 2423 |  | 138.4 | 138.8 | 138.8 | 3.0 | 0 |
| Rack and panel, integral shell | 2431 |  | 111.5 | 111.6 | 109.3 | -2.0 | -2.1 |
| Rack and panel, other ................................................................................................. | 2432 |  | 108.1 | 110.0 | 111.0 | 4.3 | . 9 |
| Printed circuit, card insertion ................................................................................................... | 2441 |  | 109.6 | 119.4 | 119.4 | 9.3 | 0 |
| Printed circult, two-piece type ................................................................................................ | 2442 |  | 116.4 | 120.8 | 120.8 | 3.8 | 0 |
| Miscellaneous special types ............................................................................................... | 2467 |  | 112.2 | 117.8 | 117.8 | 5.2 | 0 |
| Parts for connectors ........................................................................................................... | 2471 | 12/86 | 104.2 | 105.9 | 105.9 | 1.6 | 0 |
| Magnetic recording media .................................................................................................. | 25 |  |  |  |  |  |  |
| Magnetic recording media ................................................................................................... | 2599 | 06/82 | 83.6 | 83.1 | 82.6 | -1.0 | -. 6 |
| Part for electronic components. | 27 |  | 123.5 | 123.9 | 123.9 | 4.4 | 0 |
| Parts for electronic components, n.e.c. ......................................................................... | 2799 | 06/82 | 128.5 | 129.0 | 129.0 | 4.5 | 0 |
| Filters, crystals, and transducers ........................................................................................... | 28 | 06/82 | 121.0 | 120.8 | 120.8 | 10.8 | 0 |
| Filters and crystals ...................... | 2891 | 06/82 | 131.6 | 132.9 | 132.9 | 22.9 | 0 |
| Transducers ................................................................................................................. | 2892 | 06/82 | 111.3 | 109.3 | 109.3 | -3.2 | 0 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | Juty 1988 | June 1989 |
| Electronic components and accessories--Continued... | 1178 |  |  |  |  |  |  |
| Diodes ................................................................. | 31 |  | 119.0 | 119.0 | 119.0 | -3.1 | 0 |
| Signal diodesor assemblies ................................................................................................ | 3102 |  | 79.9 | 79.9 | 79.9 | 4.6 | 0 |
| Signal transistor | 3507 3515 |  | 63.5 63.1 | 61.5 63.1 | 63.0 63.1 | 6.2 | 2.4 0 |
| Power transistor, 10 watts and over ................................................................................. | ${ }_{37}^{3515}$ |  | 63.1 88.4 | 63.1 88.3 | 63.1 88.3 | 0 -3.2 | 0 |
| Optoelectronic devices $\qquad$ <br> Light emitting diode or array $\qquad$ | 37 3703 |  | 88.4 85.2 | 88.3 85.2 | 88.2 | -3.20 | 0 |
| Other optoelectronic devices, excluding solar cells .................................. | 3717 |  | 98.5 | 98.1 | 98.1 | -6.9 | 0 |
| Digital bi-polar integrated circuits ............................ | 41 |  | 102.9 | 101.4 | 101.2 | -2.8 | -. 2 |
| Bipolar logic, TTL ....................... | 4103 |  | 83.5 | 79.1 | 80.8 | -5.7 | 2.1 |
| Bipolar logic, except TTL | 4112 |  | 143.4 | 152.5 | 143.7 | -13.2 | -5.8 |
| Bipolar memory, RAM ..... | 4116 |  | 149.3 | 149.3 | 149.3 | 25.1 | 0 |
| Digital MOS integrated circuits | 42 |  | 79.9 | 80.4 | 80. | 2.9 | -. 1 |
| MOS, memory . | 4221 |  | 81.6 | 82.5 | 82.3 | 4.3 | - 2 |
| MOS, except memory ..................................................................................... | 4223 |  | 75.8 | 75.8 | 75.8 | -4.5 | 0 |
| MOS, microprocessor | 4225 |  | 79.9 | 79.9 | 79.9 | 14.0 | 0 |
| Linear integrated circuits ....................................................................................... | 45 |  | 92.3 | 88.6 | 90.0 | -2.6 | 1.6 |
| Amplifier | 4552 |  | 94.8 | 94.8 | 94.8 | 0 | 0 |
| Other analog integrated circuits ....................................................................................... | 4558 |  | 101.1 | 101.1 | 101.1 | . 7 | 0 |
| Hybrid integrated circuits ................................................................................................... | 46 |  | 122.6 | 122.6 | 122.6 | -4.3 | 0 |
| Thick film ....... | 4609 |  | 95.7 | 95.7 | 95.7 | -. 1.5 | 0 |
| Other semiconductor devices and parts ....................................................................... | 48 |  | 104.3 | 104.4 | 105.0 | 1.5 | . 6 |
| Other finished semiconductor devices ............................................................. | 4801 |  | 96.2 | 96.2 | 96.2 | 0 | 0 |
| Dice and wafers ........................................................................................ | 4815 |  | 96.7 | 96.7 | 96.7 | 1.4 | 0 |
| Other semiconductor parts, except dice and wafers .................................................. | 4817 |  | 117.2 | 117.3 | 120.6 | 2.8 | 2.8 |
| Printed circuits and cable assemblies .............. | 51 | 06/82 | 115.1 | 114.8 | 114.3 | . 6 | -. 4 |
| Printed circuit boards and forms. | 5191 | 06/82 | 116.1 | 115.1 | 114.5 | 0 | -. 5 |
| Cable assemblies, electronic ............ | 5192 | 06/82 | 110.0 | 113.6 | 113.6 | 4.6 | 0 |
| Static power, pulse \& frequency converters ... | 52 | 06/82 | 143.2 | 142.1 | 142.1 | . 1 | - |
| Electronic transformers and coils ................................................................................... | 53 | 06/82 | 124.3 | 125.3 | 125.2 | 4.2 | -. 1 |
| Audio transformers. | 5305 | 06/82 | 118. | 118.6 | 119.1 | 1.4 | 4 |
| Power transformers | 5309 | 06/82 | 115.3 | 115.2 | 115.2 | 5.6 | 0 |
| Toroidal windings, all types | 5317 | 06/82 | 150.4 | 150.4 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Other inductors for electronic applications | 5319 | 06/82 | 128.8 | 130.9 | 130.5 | 5.2 | -. 3 |
| MW components, ex tubes, semicon., antenna | 57 | 06/82 | 128.3 | 128.3 | 128.3 | 0 | - |
| Complex component assemb., packs, modules ................................................................ | 61 | 06/82 | 122.7 | 122.7 | 120.6 | -2.3 | -1.7 |
| Miscellaneous electrical mach and equip ............................ | 1179 |  | 105.3 | 106.1 | 106.5 | 2.0 | . 4 |
| Storage batteries | 01 |  | 100.6 | 99.9 | 100.9 | 6 | 1.0 |
| Lead acid batteries, 1.5 cubic foot or less. | 0103 | 12/84 | 108.3 | 107.4 | 108.6 | . 1 | 1.1 |
| Lead acid batteries, larger than 1.5 cubic foot ..................................................... | 0104 | 12/84 | 119.9 | 119.9 | 119.9 | 2.1 | 0 |
| Primary batteries, dry and wet ........................................................................... | 02 |  | 120.2 | 125.1 | 129.3 | 8.1 | 3.4 |
| Lantern and other muttiple dry cells ...................................................................... | 0215 |  | 116.2 | 119.7 | 126.8 | 9.1 | 5.9 |
| Alkaline cell size aa battery ..................................................................................... | 0217 |  | 116.0 | 119.5 | 123.5 | 4.2 | 3.3 |
| Alkaline cell, all other sizes ...... | 0223 |  | 119.8 | 127.0 | 128.6 | ${ }^{(2)}$ | 1.3 |
| Carbon and graphite products .................................................................................................... | 03 |  | 91.2 | 94.2 | 94.3 | 4.4 | 1 |
| Graphite electrodes | 0324 |  | 77.8 | 81.9 | 81.9 | 6.4 | 0 |
| Automotive generator brushes | 0331 |  | 109.4 | 109.4 | 112.2 | 6.5 | 2.6 |
| Contacts, brushplates and brushes, except automotive ..................................................... | 0333 | 06/85 | 105.9 | 109.4 | 109.4 | 2.6 | 0 |
| Other carbon and graphite products, mechanical .................................................................. | 0341 | 06/85 | 107.1 | 109.6 | 109.6 | 5.7 2.1 | 0 |
| Other carbon and graphite products, non-mechanical ..................................................- | ${ }_{05}^{0343}$ | 06/85 | 103.8 110.8 | 105.7 111.4 | 105.7 110.8 | 2.1 .5 | 0 -.5 |
| X-ray and electromedical equipment ................................. | ${ }_{0512}^{05}$ | 06/85 | 110.8 104.0 | 111.4 105.3 | 110.8 103.9 | . 5 | -.5 -1.3 |
|  | 0514 | 06/85 | 93.7 | 93.7 | 93.7 | 0 | 0 |
| Electrotherapeutic equipment ................................................................................... | 0516 | 06/85 | 100.5 | 100.5 | 100.5 | 1.4 | 0 |
| Patient monitoring equipment ............................................................... | 0518 | 06/85 | 104.0 | 104.1 | 104.1 | . 1 | 0 |
| Parts and accessories for electromedical equipment ................................................. | 0524 | 06/85 | 119.6 | ${ }^{(2)}$ | 119.9 | 4 | ${ }^{(2)}$ |
| Engine electrical equipment ................................................................................. | 06 |  | 110.1 | 111.0 | 111.1 | 1.8 | 1 |
| Cable sets and ignition wiring harnesses .................................................................. | 0601 | 12/82 | 110.1 | 110.5 | 110.7 | 2.0 | 2 |
| Regulators for battery charging generators ......................................................................... | 0602 | 12/82 | 125.1 | 124.2 | 124.2 | 6.2 | 0 |
| Battery charging alternators and generators ................................................................ | 0603 | 12/82 | 107.9 | 108.2 | 108.7 | . 6 | 5 |
| Starting motors ................................................................................................. | 0604 | 12/82 | 110.2 | 111.1 | 111.1 | . 4 | 0 |
| Spark plugs ........................................................................................................ | 0605 | 12/82 | 108.7 | 111.9 | 111.9 | 3.2 | 0 |
| Other engine electrical equipment .................................................................................... | 0606 | 12/82 | 108.5 | 108.7 | 108.7 | 2.2 | 0 |
| Electrical equipment, n.e.c. | 07 | 12/85 | 110.8 | 110.8 | 110.9 | 3.0 | 1 |
| Porcelain electrical supplies, ex insulato ............................................................................. | 08 | 12/85 | 104.1 | 104.2 | 104.9 | 3.7 | 7 |
| Electrical industrial apparatus, n.e.c. .................................................................................. | 29 | 12/85 | 99.4 | 99.3 | 99.8 | 2.3 | 5 |
| Rectitying apparatus.. | 2902 | 12/85 | 101.0 | 101.1 | 101.1 | 1.8 | 0 |
| Industrial coil windings \& other misc. equipment .......................................................... | 2903 | 12/85 | 107.2 | 107.9 | 107.9 | 2.8 | 0 |
| Miscellaneous instruments .................................................................................................. | 118 |  | 121.5 | 122.4 | 122.6 | 3.1 | . 2 |
| Environmental controls ........................................................................................................ | 1181 |  | 116.3 | 117.1 | 117.2 | 2.7 | . 1 |
| Building comfort controls .... | 01 |  | 123.8 | 124.6 | 124.6 | 2.8 | 0 |
| Appliance regulation controls ........................................................................................ | 02 |  | 97.4 | 98.4 | 98.4 | 2.3 | 0 |
| Process control instruments ............................................................................................ | 1182 | 06/83 | 122.9 | 124.1 | 124.3 | 3.9 | . 2 |
| Display and control receiver type instruments | 0111 | 06/83 | 119.2 | 119.6 | 119.8 | 4.4 | . 2 |
| Temperature instruments, excl. receiver type | 0121 | 06/83 | 123.8 | 128.8 | 130.4 | 11.4 | 1.2 |
| Pressure and dratt instruments, excl. receiver type ........................................................ | 0131 | 06/83 | 116.9 | 116.9 | 116.9 | 2.2 | 0 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued (1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price Indexes and percent changes for commodity groupings and Individual items-Continued

| Commodity | Commoditycode |  | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 1989 ${ }^{1}$ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Machine shop products--Continued ......................................................................... | 1195 |  |  |  |  |  |  |  |  |
| Carburetors, pistons, piston rings, \& valv .......................................................................... |  | 01 |  | 116.7 | 119.8 | 120.2 | 5.5 | 0.3 |
| Carburetors, new, for motor vehicles ............................................................................. |  | 0101 |  | 114.1 | 120.8 | 120.8 | 8.7 | 0 |
| Carburetors, rebuilt, all types .................................................................................... |  | 0102 | 12/82 | 143.2 | ${ }^{(2)}$ | 155.8 | 23.2 | (2) |
| Pistons for motor vehicles .......................................................................................... |  | 0108 | 06/89 | ( ${ }^{\text {( }}$ | 100.0 | 100.0 | ${ }^{(2)}$ | 0 |
| Pistons, excluding for motor vehicles |  | 0109 | 06/89 | (2) | 100.0 | 100.1 | ${ }^{(2)}$ | . 1 |
| Piston rings, compress type, for motor vehicles ................................................................. |  | 0112 |  | 109.6 | 109.6 | 109.6 | ${ }^{0}$ | 0 |
| Piston rings, compression type, ex. motor vehicles .................................................... |  | 0115 | 12/82 | 122.5 | 122.5 | 122.5 | 3.9 | ${ }^{(2)}$ |
| Valves (eng. intake/exhaust) ex. for motor veh. use ........................................................... |  | 0116 | 12/82 | 105.5 | ${ }^{(2)}$ | 105.9 | 3.5 | ${ }^{(2)}$ |
| Piston rings, oil type, for motor vehicle use ...................................................................... |  | 0117 | $12 / 82$ $06 / 89$ | ${ }^{(2)}$ | ${ }_{100} 10$ | 99.6 100.0 | ${ }^{(2)}$ | ${ }_{0}$ |
|  |  | 0122 05 | 06/89 | ${ }^{2}$ | 100.0 | 100.0 | ( $)$ |  |
| Other machine shop products .................................................................................................................................... |  | 0501 | 06/84 | 108.2 | 109.3 | 109.2 | 3.4 | -. 1 |
| Steam, gas, \& hydraulic turbines \& parts ... | 1196 |  | 06/82 | 122.5 | 123.5 | 124.3 | 9.2 | . 6 |
| Steam, gas, and hydraulic turbines ............ |  | 01 |  |  |  |  |  |  |
| Mechanical drive steam turbines .............................................................................. |  | 0101 | 06/82 | 111.4 | $\left.{ }^{2}\right)$ | 112.8 | 14.8 | ${ }^{(2)}$ |
| Turbine parts and accessories ........................................................................... |  | 02 | 06/82 | 150.6 | 151.3 | 152.9 | 6.0 | 1.1 |
| Parts \& accessories for gas turbines ....................................................................... |  | 0202 | 06/82 | 140.1 | 140.9 | 144.7 | 6.4 | 2.7 |
| Turbine generator sets and parts | 1197 |  | 06/87 | 105.4 | 105.4 | 106.5 | 4.5 | 1.0 |
| Other miscellaneous machinery ........................................................................................ | 1199 |  | 06/84 | 107.8 | 113.1 | 112.0 | 8.2 | -1.0 |
| Metal bellows .............................................................................................. |  | 0101 | 06/84 | 135.5 | 147.4 | 147.4 | 21.3 | 0 |
| Other miscellaneous machinery products ............................................................................ |  | 0191 | 06/84 | 105.9 | 110.7 | 109.5 | 7.0 | -1.1 |
| Furnlture and household durables .. | 12 |  |  | 115.7 | 116.7 | 117.2 | 3.6 | . 4 |
| Household furniture | 121 |  |  | 120.7 | 122.0 | 122.1 | 3.7 | . 1 |
| Metal household furniture | 1211 |  |  | 111.9 | 114.1 | 113.0 | 4.1 | -1.0 |
| Dining, dinette and breakfast furniture .. |  | 0102 | 06/84 | 120.0 | 124.1 | 124.1 | 6.4 | 0 |
| Other metal household furniture .................................................................... |  | 0104 | 06/84 | 106.2 | 107.2 | 105.5 | 2.6 | -1.6 |
| Wood household furniture .............................................................................. | 1212 |  |  | 125.8 | 127.4 | 127.5 | 3.9 | . 1 |
| Living room furniture ................................................................................................... |  | 01 |  | 129.4 | 130.9 | 130.9 | 3.8 | 1 |
|  |  | 0101 |  | 130.3 | 132.3 | 132.4 | 3.8 | . 1 |
| Desks ................................................................................................................................. |  | 0103 |  | 125.0 | 128.4 | 128.3 | 3.3 | -. 1 |
| Chairs .... |  | 0105 |  | 136.2 | 137.3 | 136.1 | 1.9 | -. 9 |
| Credenzas and bookcases .............................................................................................. |  | 0106 |  | 129.3 | 129.3 | 129.3 | 3.6 | 0 |
| Other nonupholstered living rm furniture .................................................................... |  | 0109 |  | 125.4 | 126.8 | 126.9 | 3.4 | . |
| Dining room furniture ........................................................................................... |  | 02 |  | 129.0 | 130.8 | 131.0 | 5.6 | . 2 |
| Table ................................................................................................................ |  | 0211 |  | 124.6 | 128.0 | 128.1 | 6.0 | . 1 |
| Chairs |  | 0216 |  | 133.2 | 134.4 | 134.8 | 5.5 | . 3 |
| Buffets and servers |  | 0221 |  | 138.2 | 138.6 | 138.6 | 4.9 | 0 |
| China and corner cabinets |  | 0231 |  | 120.6 | 122.1 | 122.1 | 4.8 | 0 |
| Other dining rm \& kitchen furniture ...........................................................................- |  | 0233 |  | 120.7 | 122.5 | 122.5 | 6.4 3.6 | 0 |
| Bedroom furniture ................................................................................................... |  | 03 |  | 125.0 | 126.9 | 126.9 | 3.6 | , |
| Beds, except bunk ......... |  | ${ }^{0336}$ |  | 123.8 | 126.1 | 126.0 | 5.3 | - |
| Bunk beds |  | 0338 |  | 123.5 | 123.5 | 123.5 | 1.6 | 0 |
| Headboard \& headboard sets |  | 0341 |  | 123.8 | 128.0 | 126.6 | 3.4 | -1.1 |
| Dresser, vanities and dressing tables |  | 0342 |  | 123.1 | 125.9 | 125.8 | 5.3 | -. 1 |
| Night tables \& stands ....................... |  | 0344 |  | 130.5 | 130.8 | 131.8 | 2.2 | 8 |
| Chests .................................... |  | 0351 |  | 125.7 | 127.0 | 127.3 | 3.0 | 2 |
| Wardrobes and wardrobe-type cabinets ................................................................... |  | 0353 |  | 121.5 | 124.9 | 124.9 | 3.3 | 0 |
| Other nonupholstered bedroom furniture ............................................................. |  | 0355 |  | 122.0 | 123.3 | 123.2 | 2.3 | . 1 |
| Cribs ................................................. |  | 0356 |  | 153.9 | 153.9 | 153.9 | 3.2 | 5 |
| Other wood household furniture |  | 04 |  | 113.2 | 113.4 | 114.0 | 2.1 | . 5 |
| Misc. infants and children furn. |  | 0461 |  | 117.0 | 117.5 | 117.4 | 3.7 | -. 1 |
| Unassemled or knockdown wood furniture ........................ |  | 0465 |  | 101.8 | ( ${ }^{2}$ | 102.1 | 8 | (2) |
| TV, radio, stereo \& sewing machine cabinets ........................................................... |  | 0467 | 12/85 | 100.8 | 100.9 | 100.9 | 0 | 0 |
| Upholstered household furniture ........................................................................................... | 1213 |  |  | 118.8 | 119.8 | 120.2 | 2.8 | . 3 |
| Sofas, including sectional sofa pieces ........................................................ |  | 0101 |  | 121.5 | 122.9 | 123.2 | 3.1 | . 2 |
| Chairs, including rockers and recliners ................................................................... |  | 0111 |  | 115.6 | 116.1 | 117.0 | 3.0 | 8 |
| Sofa bed, convertible ......................................................................................... |  | 0121 |  | 117.6 | 118.5 | 118.5 | 1.8 | 0 |
| All other dual purpose sleep furniture ....................................................................... |  | 0123 | 06/83 | ${ }^{(2)}$ | ${ }^{(2)}$ | 105.4 |  | ${ }^{(2)}$ |
| Other upholstered household furniture ............................................................................. |  | 0131 | 06/82 | 131.0 | 131.0 | 131.0 | 2.4 | 0 |
|  | 1214 |  |  | 118.4 | 119.6 | 119.6 | 4.2 | 0 |
| Foundations |  | 0103 | 06/83 | 114.6 | 114.6 | 115.0 | 4.5 | . 3 |
| Innerspring mattresses, other than crib size .............................................................. |  | 0111 |  | 119.5 | 119.7 | 119.6 | 3.7 | -. 1 |
| Other mattresses, including crib and inserts ............................................................. |  | 0114 | 06/83 | ${ }^{(2)}$ | ${ }^{(2)}$ | 134.7 | (2) | (2) |
| Conventional waterbeds ........................................................................................ |  | 0121 | 06/89 | ( ${ }^{(1)}$ | 100.0 | 100.0 | (2) | 0 |
| Porch and lawn furniture ............................................................................................. | 1215 |  |  | 110.8 | 110.8 | 111.9 | 6.4 | 1.0 |
| Metal porch, lawn, outdoor \& casual furniture ........................................................... |  | 0112 | 06/84 | 110.2 | 110.2 | 111.3 | 6.4 | 1.0 |
| Household furniture, n.e.c. ...................................................................................... | 1216 |  | 12/85 | 102.3 | 102.2 | 102.4 | 1.2 | . 2 |
| Commercial furniture .............................................................................................................. | 122 |  |  | 127.4 | 128.7 | 129.1 | 3.3 | . 3 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989' | July 1989 | July 1988 | June 1989 |
| Wood office furniture and store fixtures | 1221 |  | 127.4 | 128.2 | 128.8 | 3.0 | 0.5 |
| Seating ......................... | 0112 | 06/85 | 112.4 | 112.7 | 114.3 | 3.1 | 1.4 |
| Desks and extensions | 0113 | 06/85 | 111.0 | 113.1 | 114.1 | 3.7 | . 9 |
| Storage units, files and tables | 0114 | 06/85 | 114.7 | 115.1 | 116.0 | 3.0 | . 8 |
| Panel and modular systems furniture ........................................................................... | 0115 | 06/85 | 102.2 | 102.3 | 102.9 | 1.2 | 6 |
| Other wood office furniture .................................................................................................................................... | 0116 | 06/85 | 132.4 | 132.4 | 132.4 | 8 | 0 |
| Partitions, shelving, and lockers .................................................................................................................. | 0141 | 12/83 | 110.6 | 112.0 | 112.0 | 2.2 | 0 |
| Plastic laminated fixture tops ....................................................................................... | 0151 | $12 / 83$ | 123.1 | 123.7 | 124.8 | 2.5 | . 9 |
| Fixtures for stores, banks, offices, \& ................................................................................... | 0161 | 12/83 | 122.8 | 123.6 | 123.5 | 3.2 | -. 1 |
| Nonwood furniture and store fixtures | 1222 |  | 128.2 | 129.2 | 129.8 | 2.7 | . 5 |
| Filing cabinets and cases. | 02 |  | 127.2 | 131.7 | 131.8 | 2.1 | . 1 |
| Vertical files ............... | 0201 |  | 126.8 | 127.1 | 127.8 | 2.5 | . 6 |
| Horizonal files | 0205 |  | 124.8 | 136.8 | 137.0 | 1.0 | . 1 |
| Other files, incl. motorized, visible \& insulated ......................................................... | 0207 |  | 125.5 | 126.4 | 124.6 | 3.2 | -1.4 |
| Furniture .......................................................................................................... | 03 |  | 131.2 | 130.9 | 132.0 | 2.5 | . 8 |
| Desks and extensions. | 0321 |  | 135.8 | 131.5 | 132.2 | -1.5 | . 5 |
| Office seating ............. | 0325 |  | 126.6 | 127.1 | 126.8 | 1.9 | -. 2 |
| Tables \& stands ........................................................................................... | 0331 |  | 118.0 | 118.0 | 118.0 | 3.3 | 0 |
| Systems furniture | 0333 |  | 133.9 | 134.0 | 132.5 | 1.8 | -1.1 |
| Miscellaneous nonwood office furniture | 0335 |  | 132.2 | 132.2 | 135.2 | 4.0 | 2.3 |
| Partitions and fixtures ...................................................................................... | 04 | 12/83 | 119.5 | 120.5 | 120.7 | 3.4 | . 2 |
| Partitions prefabricated, assembled, o | 0403 | 12/83 | 117.5 | 118.1 | 118.1 | . 5 | 0 |
| Shelving and lockers ................ | 0405 | 12/83 | 120.3 | 121.2 | 121.2 | 3.0 | 2 |
| Storage racks and accessories | ${ }_{0}^{0407}$ | $12 / 83$ $12 / 83$ | 118.4 119.6 | 120.3 120.3 | 120.6 120.7 | 6.2 3.3 | . 2 |
| Fixtures for stores, banks, offices, \& ................................................................................. | 0409 | 12/83 | 119.6 | 120.3 | 120.7 | 3.3 | . 3 |
| Public building furniture | 1223 | 12/84 | 112.0 | 113.8 | 114.4 | 4.5 | . 5 |
| School furn. exc. stone, concrete, \& library furn. | 0101 | 12/84 | 109.0 | 110.6 | 111.4 | 5.8 | . 7 |
| Public bidg. \& related furn.exc. school \& restaurant ........................................................... | 0102 | 12/84 | 114.8 | 116.7 | 117.3 | 4.2 | . 5 |
| Furniture and fixtures n.e.c. ........................................................................................ | 1224 | 12/85 | 113.2 | 115.8 | 115.1 | 5.3 | - 6 |
| Hospital beds ... | 0101 | 12/85 | 105.6 | 105.6 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{(2)}$ |
| Restaurant, cafeteria \& bar furniture ................................................................................ | 0102 | 12/85 | 114.3 | 116.0 | 116.3 | 5.7 | - ${ }_{-}{ }^{3}$ |
| Other furniture and fixtures, n.e.c. ..................................................................................... | 0103 | 12/85 | 114.2 | 119.4 | 116.7 | 4.6 | -2.3 |
| Floor coverings ...................................................................................................... | 123 |  | 117.3 | 116.1 | 115.5 | . 7 | -. 5 |
| Soft surface floor coverings .................................................................................... | 1231 |  | 115.3 | 114.0 | 112.9 | . 2 | -1.0 |
| Tufted broadloom ................................................................................................... | 01 |  | 115.7 | 114.0 | 112.3 | -. 7 | -1.5 |
| Tuffed broadloom, nylon | 0161 |  | 117.9 | 116.5 | 115.9 | 1.0 | ${ }^{-.5}$ |
| Tuffed broadloom, other fibers | 0163 |  | $\left.{ }^{(2}\right)$ | ${ }^{1}{ }^{2}$ | ${ }^{1}$ |  | ${ }^{(2)}$ |
| Other tufted carpeting, from tuffed yarn ............................................................................... | 02 |  | 112.4 | 112.6 | 114.4 | 4.3 | 1.6 |
| Bathmats and rugs 6x9 or less .......................................................................................... | 0265 |  | 115.5 | 116.5 | 116.9 | 2.4 | . 3 |
| Automobile \& aircraft carpeting ............................................................................................. | 0267 |  | 103.6 | 103.6 | 103.6 | 2.0 | 0 |
| Woven carpets \& rugs made from textile yar $\qquad$ Woven carpets and rugs, made from textile yarns $\qquad$ | ${ }_{03}^{0301}$ | 06/85 | 116.4 | 117.2 | 117.2 | 2.7 | 0 |
| Carpets and rugs not made from textile yar ................................................................................................ | 04 |  |  |  |  |  |  |
| Carpets \& rugs, not made from textile yarn ............................................................. | 0401 | 06/85 | 113.4 | 113.4 | 113.4 | 4.3 | 0 |
| Hard surface floor coverings ..................................................................................... | 1232 |  | 128.0 | 128.4 | 129.7 | 5.9 | 1.0 |
| Commission finishing/dyeing, fioor cover ................................................................... | 1233 | 12/86 | 105.8 | 103.6 | 104.7 | -3.3 | 1.1 |
| Household appliances .......................................................................................................... | 124 |  | 107.6 | 108.4 | 109.0 | 3.2 | . 6 |
| Major appliances ................................................................................................ | 1241 |  | 105.9 | 106.8 | 107.4 | 2.9 | . 6 |
| Cooking equipment ........ | 01 |  | 102.7 | 102.7 | 103.1 | 2.3 | . 4 |
| Free-standing electric ranges | 0111 |  | 103.7 | 104.2 | 104.7 | 2.3 | . 5 |
| Built-in surface cooking tops, electric .......................................................................... | 0115 |  | 104.4 | 104.4 | 104.4 | 1.6 | 0 |
| Portable microwave ovens ....................................................................................... | 0121 |  | ${ }^{(2)}$ | 73.2 | 73.2 | 2.4 | 0 |
| Free-standing gas ranges ........................................................................................ | 0134 |  | 107.6 | 108.3 | 108.3 | . 9 | 0 |
| Nonstandard type gas ranges .......................................................................................... | 0137 |  | 104.2 | 104.2 | 104.2 | 3.0 | 0 |
| Permanent outdoor cooking units .......................................................................... | 0151 |  | 138.9 | 138.9 108.4 | 138.9 108.4 | 1.3 1.3 | 0 |
| Portable outdoor cooking units ............................................................................................. | 0153 |  | 108.4 108.1 | 108.4 | 110.1 | 3.0 | . 8 |
|  | 0211 |  | 105.6 | 106.4 | 107.6 | 2.7 | 1.1 |
|  | 0232 |  | 111.4 | 113.4 | 114.2 | 4.5 | . 7 |
| Refrigeration equipment | 03 |  | 105.6 | 107.3 | 107.4 | 3.7 | 1 |
| Refrigerator-freezer, $14.4 \mathrm{cu} . \mathrm{ft}$ and under ........................................................................ | 0331 |  | 101.8 | 102.0 | 102.0 | 1.7 | 0 |
| Refrigerator-freezer, 14.5-19.4 cu. ft. ................................................................................... | 0332 |  | 107.3 | 108.3 | 108.4 | 2.4 | . 1 |
| Home and farm freezers ...................................................................................................... | 0337 |  | 101.6 | 104.2 | 104.3 | 5.7 | . 1 |
| Other major appliances ........................................................................................................ | 04 |  | 107.3 | 108.1 | 109.6 | 2.7 | 1.4 |
| Room air conditioners ....................................................................................................... | 0445 |  | 112.0 | 113.2 | 114.0 | 2.8 | . 7 |
| Household vacuurn cleaners, parts, \& atta ...................................................................... | 1243 |  | 107.6 | 107.8 | 108.0 | 2.6 | . 2 |
| Vacuum cleaners .................................................................................................... | 01 |  | 108.0 | 108.3 | 108.5 | 2.8 | 2 |
| Canister, tank, and all other general purpose .......................................................... | 0111 |  | 106.5 | 106.4 | 106.4 | 1.9 | 0 |
| Complete power unit, central system type ..................................................................................... | 0116 | 12/82 | 108.1 | ${ }^{(2)}$ | 113.0 | 3.1 | $\left({ }^{2}\right.$ |
| Handheld ...................................................................................................................... | 0117 | 12/82 | 118.0 | 118.0 | 118.0 | 17.1 2.1 | 0 |
| Upright ................................................................................................................................. | 0121 |  | 109.9 | 109.1 | 109.5 | 2.1 | . 4 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Electric housewares and fans. | 1244 |  | 107.1 | 107.6 | 108.1 | 2.9 | 0.5 |
| Small household appliances. | 01 |  | 107.4 | 108.0 | 108.5 | 2.6 | . 5 |
| Automatic coffee makers ...... | 0113 |  | 97.1 | 101.0 | 99.7 | -1.0 | -1.3 |
| Electric fry pan (skillet) | 0115 |  | 104.9 | 104.9 | 104.9 | 7.6 | 0 |
| Food blenders and mixers. | 0117 |  | 99.5 | 101.7 | 100.7 | . 4 | -1.0 |
| All other household food preparation appliances ...................... | 0134 | 06/83 | 91.5 | 89.5 | 90.7 | -7.1 | 1.3 |
| Corn poppers .................................................................... | 0135 | 06/87 | 105.8 | 112.7 | 110.7 | 9.5 | -1.8 |
| Portable room heaters ................................................................................... | 0141 | 06/83 | 106.5 | 109.0 | 109.7 | 6.9 | . 6 |
| Space heaters for fixed installation ............................................................................... | 0142 | 06/83 | 119.1 | 122.4 | 122.4 | 7.0 | 0 |
| Electric blankets and other electric bed coverings ................................................ | 0151 | 06/83 | 104.9 | 105.6 | 105.6 | 3.0 | 0 |
| All other electric appliances .......................................................................... | 0173 | 06/87 | 110.0 | 110.1 | 110.3 | 5.8 | 2 |
| Electric fans ................................................................................................. | 02 | 12/82 | 102.6 | 102.9 | 103.1 | 2.7 | 2 |
| Electric range hoods, ducted and nonducted .................................................................. | 0212 |  | 110.5 | 110.6 | 110.6 | 2.4 | 0 |
| All other kitchen ventilating and exhaust fans .......................................................... | 0221 | 06/83 | 101.2 | 101.6 | ${ }^{(2)}$ | ${ }^{2}$ ) | ${ }^{(2)}$ |
| All other fans, except roof, furnace, etc. ............................................................................... | 0222 | 06/83 | 92.9 | 93.4 | 93.3 | 1.4 | -. 1 |
|  | ${ }_{0311} 03$ | 12/82 | 112.1 | 112.2 | 114.3 | 5.6 | 1.9 |
| Electric lamps | 1245 |  | 126.6 | 128.9 | 129.5 | 7.6 | . 5 |
| Table lamps | 0101 |  | 131.6 | 135.4 | 136.2 | 11.2 | . 6 |
| Floor, bridge and torch lamps .... | 0111 |  | 125.8 | 126.6 | 127.6 | 4.1 | 8 |
| Other portable lamps ................................................................................................ | 0129 | 12/83 | 127.3 | 128.7 | 128.7 | 5.1 | 0 |
| Home electronic equipment ..................................................................................... | 125 |  | 88.0 | 88.2 | 88.4 | 2.0 | . 2 |
| Television receivers. | 1252 |  | 79.5 | 79.8 | 80.0 | 1.9 | . 3 |
| Color TV receivers | 02 |  | 79.9 | 80.2 | 80.4 | 1.9 | . 2 |
| Color console TV receiver ...... | 0201 |  | 84.4 | 84.4 | 84.4 | 4.2 | 0 |
| Color TV, table \& port, over 17" ...................................................................................... | 0203 |  | 74.6 | 75.1 | 75.4 | . 3 | . 4 |
| Other home electronic equipment ........................................................................... | 1253 |  | 109.9 | 109.8 | 110.3 | 3.7 | . 5 |
| High fidelity equipment and components ....... | 06 | 12/86 | 111.3 | 109.7 | 109.9 | 5.8 | . 2 |
| Speakers, including loudspeaker systerns .................................................................... | 07 |  | 112.5 | 113.1 | 113.6 | 2.8 | . 4 |
| Loudspeakers, sold separately ......................................................... | 0701 |  | 108.4 | 108.3 | 108.3 | 2.8 | 0 |
| Loudspeakers, bookshelf ....... | 0703 |  | 103.5 | 104.0 | 105.4 | 1.0 | 1.3 |
| Loudspeakers, floor standing .............................................................................................. | 0704 |  | 111.0 | 113.0 | 113.5 | 4.0 | . 4 |
| Other household durable goods ............................................................................... | 126 |  | 124.1 | 126.7 | 128.6 | 7.3 | 1.5 |
| Tableware, kitchenware and other pottery | 1261 |  | 137.0 | 137.8 | 137.8 | 2.8 | 0 |
| Tableware and kitchenware ...... | 01 |  | 133.6 | 135.1 | 135.1 | 2.9 | 0 |
| Vitreous china tableware and kitchenwa | 0101 |  | 134.1 | 134.6 | 134.6 | -1.9 | 0 |
| Stoneware \& fine earthenware tableware .......................................................... | 0111 |  | 131.9 | 134.7 | 134.7 | 10.2 | 0 |
| Pottery, except tableware and kitchenwar .......................................................... | 02 | 12/83 | 123.9 | 123.9 | 123.9 | 2.7 | 0 |
| Art, decorative and novelty pottery ............. | 0201 | 12/83 | 121.1 | 121.1 | 121.1 | -. 2 | 0 |
| Other pottery products ................................................................. | 0202 | 12/83 | 128.8 | 128.8 | 128.8 | 7.6 | 0 |
| Household glassware .............................................................................................................. | 1262 |  | 131.0 | 130.8 | 140.1 | 9.6 | 7.1 |
| Pressed and blown consumer glassware ................................................................................................................................... | 0102 | 06/83 | 118.0 | 117.8 | 126.2 | 9.5 | 7.1 |
| Holloware | 1263 | 06/85 | 119.5 | 120.5 | 124.0 | 10.0 | 2.9 |
| Sterling silver ........... | 0101 | 06/85 | 149.2 | 149.7 | 149.7 | 5.1 | 0 |
| Silver plated ............. | 0105 | 06/85 | 118.7 | 120.6 | 128.9 | 12.3 | 6.9 |
| Pewter ......... | 0109 | 06/85 | 106.0 | 106.0 | 107.5 | 2.6 | 1.4 |
| All other holloware ..... | 0113 | 06/85 | 120.6 | 121.2 | 121.3 | 12.2 | . 1 |
| Household flatware ....... | 1264 |  | 123.3 | 124.0 | 128.7 | 11.1 | 3.8 |
| Sterling silver ............... | 0111 |  | 131.1 | 125.7 | 136.3 | 11.9 | 8.4 |
| Stainless steel .................................................................................. | 0113 |  | 117.1 | 121.3 | 121.3 | 10.2 | 0 |
|  | 1265 |  | 119.1 | 124.8 | 124.7 | 5.4 | -. 1 |
| Framed mirrors .................................................................................................... | 0102 | 06/83 | 124.1 | 130.4 | 130.4 | 6.9 | 0 |
| Unframed mirrors ......................................................................................................... | 0103 | 06/83 | 115.3 | 120.6 | 120.5 | 4.3 | -. 1 |
| Lawn/garden equipment excl. garden tract ................................................................ | 1266 |  | 118.2 | 118.6 | 118.7 | 5.0 | . 1 |
| Lawn mowers, walk-behind ...................................................................................... | 02 | 12/82 | 109.2 | 109.2 | 109.2 | 5.0 | 0 |
| Rotary, push type, gasoline engine powered ............................................................ | 0201 |  | 113.5 | 113.5 | 113.5 | 5.1 | 0 |
| Rotary, self-propelled, gasoline engine powered ....................................................... | 0202 |  | 117.3 | 117.3 | 117.3 | 5.1 | 0 |
| Reel, all types, excluding electric ............................................................................................. | 0203 | 12/82 | 109.2 | $\left.{ }^{(2}\right)$ | 109.2 | 5.1 | (2) |
| Other nonriding lawn and garden equipment ........................................................................... | 03 | 12/82 | 110.6 | 110.8 | 110.8 | 4.5 | 0 |
| Rotary garden tillers ..................................................................................... | 0301 | $12 / 82$ | 112.0 | 112.0 | 112.0 | 2.4 | 0 |
| Snow throwers, excluding attachment type ........................................................................... | 0302 | 12/82 | 104.0 | 105.8 | 105.7 | 2.0 | . 1 |
| Powered lawn edgers/trmmers .................................................................................... | 0309 | 12/87 | 108.7 | 108.7 | 108.7 | 8.7 | 0 |
| Other consumer nonriding lawn, garden \& snow equip. .................................................. | 0319 | 06/83 | 113.7 | 113.8 | 113.8 | 4.5 | 0 |
| Lawn tractors \& riding mowers \& equipment ....................................................................... | 04 | 12/82 | 118.4 | 118.5 | 118.6 | 6.5 | 1 |
| Front engine tractors and mowers ........................................................................... | 0401 | 12/82 | 119.4 | 119.4 | 119.4 | 6.0 |  |
| Rear engine tractors and mowers ......................................................................... | 0402 | 12/82 | 121.8 | 122.0 | 122.2 | 7.6 | . 2 |
| Parts \& attach., consumer lawn \& garden eq .......................................................................... | 05 | 12/82 | 116.7 | 118.4 | 118.8 | 3.0 | 3 |
| Parts .............................................................................................................................. | 0501 | $12 / 82$ | 113.2 | 115.8 | 116.5 | 2.9 | . 6 |
| Attachments ........................................................................................................ | 0502 | 12/82 | 122.0 | 122.0 | 122.0 | 3.5 | 0 |
| Cutlery, razors and razor blades ............................................................................................... | 1267 |  | 122.8 | 123.2 | 123.2 | 5.8 | 0 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and Individual items-Continued (1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued

| Commodity | Commodity code | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 19891 | July 1988 | June 1989 |
| Clay refractories--Continued ... | 1352 |  |  |  |  |  |  |
| Other bricks and shapes .......... | 0141 | 12/85 | 110.1 | 110.1 | 111.3 | 3.5 | 1.1 |
| Castable refractories ... | 0151 |  | 112.4 | 114.3 | 113.6 | 3.7 | -. 6 |
| Unshaped clay refractories ................ | 0161 | 12/85 | 107.3 | 107.3 | 107.3 | 2.9 | 0 |
| Refractories, non clay ... | 1353 |  | 120.0 | 120.3 | 120.3 | 6.4 | 0 |
| Magnesite and magnesite-chrome bricks \& shapes | 0113 | 12/85 | 104.2 | 104.2 | 104.2 | 2.9 |  |
| All other nonclay refractory bricks and shapes .................................................. | 0117 | 12/85 | 114.6 | 115.4 | 115.4 | 9.2 | 0 |
| Nonclay refractory mortars/castables, hydro setting ......................................................... | 0119 | 12/85 | 118.3 | 118.3 | 118.3 | 7.9 | 0 |
| Nonclay plastics refractories \& remming mix.-wet/dry ....................................................... | 0132 | 12/85 | 118.3 | 118.3 1097 | 118.3 109.7 | 11.2 4.9 | 0 |
| Nonclay gunning mixes, basic and other ............................................................................ | 0141 |  | 109.7 106.3 | 109.7 106.8 | 109.7 106.8 | 4.9 5.1 | 0 |
| Other nonclay refractory materials in lump or ground ......................................................... | 0143 | 12/85 | 106.3 | 106.8 | 106.8 | 5.1 | 0 |
| Asphalt felts and coatings .................. | 136 |  | 94.2 | 95.2 | 96.0 | . 2 | . 8 |
| Prep. asphalt \& tar roofing \& siding pro. | 1361 |  | 93.8 | 94.8 | 95.6 | -. 2 | 8 |
| Strip shingles ....................................................................................................... | 0102 |  | 91.1 | 92.3 | 93.1 | -1.5 | . 9 |
| Smooth surface roll rooting | 0111 |  | 112.6 | ${ }^{(2)}$ | 115.9 | -3.2 | ${ }^{(2)}$ |
| Other prepared asphalt \& tar roofing \& siding prods. ........................................................ | 0121 | 06/84 | 96.2 | 97.5 | ${ }^{(2)}$ | ${ }^{(2)}$ | ${ }^{2}$ ) |
| Other asphalt roofing | 1362 |  | 92.3 | 93.2 | 94.0 | 2.1 | . 9 |
| Roofing asphalts, pitches, coatings, and cement ......................................................... | 0121. | 06/84 | 87.4 | 88.3 | 89.0 | 1.9 | . 8 |
| Asphalt \& tar satu'd felts, boards, etc. ...................................................................................... | 1363 | 06/84 | 113.0 | 113.0 | 113.0 | . 2 | 0 |
| Gypsum products ..................................................................................................... | 137 |  | 110.1 | 109.1 | 112.5 | 3.6 | 3.1 |
| Gypsum products | 1371 |  | 101.9 | 100.8 | 102.4 | 2.9 | 1.6 |
| Type X gypsumboard ................................................................................................................................................................... | 0112 |  | 106.0 | 108.3 | 112.7 | 5.4 | 4.1 |
| Glass containers .................................................................................................... | 138 |  | 113.8 | 116.4 | 116.4 | 3.7 | 0 |
| Glass containers .................................................. | 1381 |  | 100.8 | 103.6 | 103.6 | 3.6 | 0 |
| Narrow neck containers (food, beer, liquor, etc.) $\qquad$ Wide mouth containers (food, medicine, etc.) .................................................................. | 0103 | 06/88 | 104.1 | 104.2 | 104.2 | 4.2 | 0 |
| Other nonmetalic minerals ........................... | 139 |  | 113.9 | 114.4 | 114.4 | 1.8 | 0 |
| Insulation materials. | 1392 |  | 105.6 | 107.1 | 108.1 | 3.1 | . 9 |
| Mineral wool for structual insulation. | 01 |  | 91.2 | 92.9 | 93.9 | 3.4 | 1.1 |
| Loose fiber and granulated fiber ........ | 0102 |  | 90.3 | 90.6 | 90.6 | . 4 | 0 |
| Min. wool for indus. \& equip. insulation .................................................................... | $02$ |  | 124.1 | 124.8 | 125.7 | 2.7 | . 7 |
| Mineral wool for industrial and equipment insulation .................................................. |  |  | 124.1 | 124.8 |  |  |  |
| Asbestos products .......... | 1393 |  | 125.8 | 126.0 | 123.4 | 1.5 | -2.1 |
| Asbestos friction material .................................................................................. | 0111 | 12/85 | 102.1 | 102.1 | 101.5 | . 3 | -. 6 |
| Paving mixtures and blocks ...................................................................................... | 1394 |  | 101.4 | 101.2 | 100.9 | -1.9 | -. 3 |
| Paving asphalt ................ | 0101 |  | 79.8 | 79.7 | 79.5 | -6.5 | -. 3 |
| Bituminous/asphaltic concrete mixtures and blocks ................................................... | 0111 |  | 111.3 | 111.1 | 110.7 | -1.1 | -. 4 |
| Other paving mixtures and blocks ........................................................................... | 0112 |  | 78.2 | 78.2 | 78.2 | $\left.{ }^{2}\right)$ | 0 |
| Cut stone and stone products ...................................... | 1395 | 12/84 | 118.1 | 118.8 | 119.4 | 2.4 | . 5 |
| Dressed dimension and cut granite ........ | 0111 | 12/84 | 110.6 | 111.6 | 112.4 | 3.2 | . 7 |
| Dressed dimension and cut limestone ............ | 0121 | 12/84 | 111.7 | 111.7 | 112.5 | .7 | 7 |
| Dressed dimension and cut marble ..................................................................................... | 0131 | 12/84 | 148.0 | 148.0 | 148.0 | . 3 | 0 |
| Gaskets, packing, and sealing devices ...................................................................... | 1398 | 12/85 | 108.3 | 108.7 | 108.5 | 2.8 | -. 2 |
| Gaskets and gasketing material ............................................................................................... | 01 |  | 110.5 | 110.9 | 110.9 | 3.7 | 0 |
|  | 0101 02 | 12/85 | 110.5 | 110.9 | 110.9 | 3.7 | 0 |
| Packing and sealing $\qquad$ | 0201 | 12/85 | 106.8 | 107.2 | 106.9 | 2.2 | -. 3 |
| Nonmetallic minerals and products, n.e.c ................................................................................ | 1399 | 06/82 | 114.6 | 114.8 | 115.0 | 3.8 | . 2 |
|  | 01 | 06/82 | 109.8 | 110.7 | 110.7 | 2.1 | 0 |
|  | 0101 | 06/82 | 110.6 | 110.6 | 110.7 | 1.1 | 1 |
| Foundry sand .................................................................................................... | 0111 | 06/82 | 120.6 | 124.8 | 124.8 | 6.9 | 0 |
| Other industrial sand ......................................................................................... | 0121 | 06/82 | 102.9 | 103.7 | 103.7 | 1.8 | 0 |
| Other nonmetallic minerals, n.e.c. ........................................................................... | 02 | 06/84 | 112.8 | 113.0 | 113.2 | 3.9 | 2 |
| Prepared bentonite ........................................................................................... | 0202 | 06/84 | 96.1 | 96.1 | 96.1 | 1.1 | 0 |
| Fuller's earth ........................................................................................................... | 0205 | 06/84 | 114.0 | 114.0 | 114.0 | 2.0 | 0 |
| Feldspar ......................................................................................................... | 0206 | 06/84 | 114.3 | 114.4 | 114.4 | 3.4 | 0 |
| Common clay and shale ...................................................................................... | 0207 | 06/84 | 114.5 | 114.5 | 114.5 | . 5 | (2) 0 |
| Other clay and related materials ............................................................................................. | 0208 | 06/84 | 110.7 | ${ }^{(2)}$ | 110.7 | 3.2 | ${ }^{2}$ ) |
| Minerals and earths ground or treated ................................................................................... | 0209 | 06/85 | 111.3 | 111.6 | 111.9 | 5.3 | . 3 |
| Dimension stone ....................................................................................................... | 0211 | 06/85 | 109.8 | 109.8 | 109.8 | . 9 | 0 |
| Miscellaneous nonmetallic minerals, n.e.c. ...................................................................... | 0299 | 06/85 | 107.3 | 107.5 | 107.5 | 1.1 | 0 |
| Nonmetallic mineral products, n.e.c. ....................................................................... | 03 | 12/85 | 104.7 | 104.0 | 104.3 | 4.4 | . 3 |
| Statuary and art goods (factory made) ........................................................................ | 0302 | 12/85 | 108.5 | 108.5 | 110.4 | 3.6 | 1.8 |
| Other nonmetallic mineral products ..................................................................................... | 0399 | 12/85 | 103.4 | 102.1 | 102.2 | 3.7 | 1 |

See footnotes at end of table.

Table 6. Producer price Indexes and percent changes for commodity groupings and individual ltems-Continued
(1982 $=100$ unless otherwise indicated)

| Commodity | Commoditycode | Other indexbase | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. $1989{ }^{1}$ | June 1989 ${ }^{1}$ | July 1989 ${ }^{1}$ | July 1988 | June 1989 |
| Transportation equipment ...................................................................................... | 14 |  | 116.8 | 117.5 | 116.7 | 2.5 | -0.7 |
| Motor vehicles and equipment .................................................................................. | 141 |  | 115.5 | 115.6 | 114.2 | 1.4 | -1.2 |
| Motor vehicles. | 1411 |  | 117.2 | 117.4 | 115.1 | 1.0 | -2.0 |
| Passenger cars | 01 |  | 14.6 | 114.8 | 112.5 | . 2 | -2.0 |
| Trucks, 10,000 lbs. GVW and under ......................................................................... | 05 |  | 129.0 | 128.6 | 125.2 | 1.5 | -2.6 |
| Trucks, over 10,000 lbs. GVW ................................................................................. | $\begin{aligned} & 06 \\ & 0681 \end{aligned}$ |  | 116.0 | 117.2 | 116.9 | 5.4 | -3 |
| Trucks, over 10,000 lbs. gvw .................................................................................. |  | $\begin{aligned} & 12 / 82 \\ & 06 / 83 \end{aligned}$ | 111.0 | 112.2 | 111.9 | 5.4 | -. 3 |
| Fire department vehicles ...................................................................................................... | 08 |  | 116.4 | 117.9 | 117.9 | 2.6 | 0 |
| Motor vehicle parts.. | 1412 |  | 109.2 | 109.2 | 109.2 | 1.8 | 0 |
| Motor vehicle parts, new | 03 | 12/82 | 106.6 | 106.6 | 106.5 | 1.6 | -. 1 |
| Motor vehicle parts, new, excl. motorcycle parts ............ | $\begin{aligned} & 0331 \\ & 0335 \end{aligned}$ | 12/82 | 106.6 | 106.6 | 106.5 | 1.6 | -. 1 |
| Motorcycle parts, new .................................................................................................. |  | 12/84 | 105.2 | 105.2 | 105.2 | 0 | 0 |
| Motor vehicle parts, rebuilt ...................................................................................... | 04 | 12/82 | 121.9 | 123.6 | 123.8 | 4.5 | 2 |
| Truck and bus bodies .............................................................................................................. | 1413 | 12/82 | 124.2 | 125.0 | 125.5 | 5.7 | 4 |
| Truck and bus bodies sold separately | 01 | 12/82 | 125.4 | 126.0 | 126.7 | 6.2 | 6 |
| Truck bodies sold separately .. |  | 12/82 | 125.3 | 126.2 | 126.3 | 5.1 | . 1 |
| Bus bodies sold separately .. | 0104 | 12/82 | 115.4 | 117.0 | 117.0 | 4.4 | 0 |
| Other vehicle bodies, incl truck cabs, beds and kits ...................................... | 0106 | 12/87 | 110.1 | 110.4 | 111.5 | 7.8 | 1.0 |
| Completed vehicles on purchased chassis .............................................................. | ${ }_{0202}$ | 12/82 | 122.5 | 123.6 | 123.7 | 4.2 | 1 |
| Trucks \& other h'way vehicles sold on purc. chassis ............................................. |  | 12/82 | 115.5 | 118.1 | 118.4 | 5.6 | 3 |
| Bus bodies sold on purchased chassis .............................................................. | 0204 | 12/82 | 188.5 | 119.4 | 119.4 | 2.8 | 0 |
| Emergency vehicles/hearses sold on purchased chassis ...................................................... | 0206 | 12/82 | 127.6 | 127.8 | 127.8 | 4.2 | 0 |
| Truck trailers | 1414 |  | 110.1 | 110.9 | 110.5 | 4.0 | -. 4 |
| Vans, over 10,000 lbs. ....... | ${ }_{0106}^{0106}$ |  | 111.4 | 112.1 | 111.2 | 5.1 | -. 8 |
| Closed top vans .... |  | 06/83 | 111.5 | 112.3 | 111.3 | 5.0 | -. 9 |
| Tanks, over 10,000 lbs. | 02 |  | 124.3 | 124.1 | 123.3 | -. 2 | -. 6 |
| Other tanks ..................................................................................................................... | 0206 | 12/86 | 130.3 | 130.3 | 130.3 | 0 | 0 |
| Other trailers and chassis, over 10,000 lb ................................................................. | 03 |  | 104.9 | 106.4 | 107.0 | 4.6 | . 6 |
| Bulk commodity trailers .... | $0301$ |  | 95.8 | ${ }^{2}$ ) | ${ }^{(2)}$ | $\left(^{2}\right)$ | ${ }^{(2)}$ |
| Platform trailers | 0303 |  | 102.9 | 104.6 | 105.4 | 6.9 | 8 |
| Low-bed heavy haulers | 03040305 |  | 106.4 | ${ }^{(2)}$ | $\left.{ }^{(2}\right)$ | ${ }^{(2)}$ | (2) |
| Dump trailers and chassis .... |  |  | 117.4 | $\left.{ }^{2}\right)$ | 119.8 | 5.6 |  |
| Other trailer and chassis .... | 0309 |  | 96.9 | 96.9 | 96.9 | 4.5 | 0 |
| Truck trailers \& chassis, under $10,000 \mathrm{lbs} . . . .$. | 06 | 12/86 | 112.4 | 112.4 | 112.4 | 3.1 | 0 |
| Motor homes built on purchased chassis | 14150101 |  |  |  |  |  |  |
| Motor homes built on purchased chassis ..... |  | 06/84 | 121.3 | 121.6 | 121.6 | 4.7 | 0 |
| Travel trailers and campers ..................... | 1416 | 06/84 | 120.0 | 120.8 | 120.9 | 3.6 | . 1 |
| Travel trailers ... | 01 <br> 0101 <br> 02 <br> 0201 |  |  |  |  |  |  |
| Travel trailers (with rigid structures) ................................................ |  | 06/84 | 120.5 | 120.6 | 122.9 | 4.0 | 1.9 |
| Campers, pickup covers and parts Camping trailers, truck campers, pickup covers \& pts |  | 06/84 | 119.0 | 121.2 | 117.2 | 2.9 | -3.3 |
| Aircraft and aircraft equipment .................................................................................. | 142 |  | 128.9 | 129.7 | 129.8 | 3.2 | . 1 |
| Aircraft ... | 1421 |  | 127.3 | 128.2 | 128.2 | 2.7 | 0 |
| Civilian aircraft | 02020102020203 | 12/85 | 107.8 | 108.5 | 108.6 | 3.1 | 1 |
| Single engine, fixed wing |  | 12/85 | 112.4 | 112.4 | 112.4 | 1.4 | 0 |
| Multiengine, fixed wing ............................................................................. |  | 12/85 | 107.5 | 108.2 | 108.3 | 3.2 | 1 |
| Rotary wing .............................................................................................................. |  |  | 124.2 | 124.2 | 124.2 | .6 | 0 |
| Aircraft engines and engine parts ................................................................................ | 1423 | 12/85 | 105.6 | 106.3 | 106.6 | 3.1 | . 3 |
| Aircraft parts and auxiliary equipment, ...................................................................... | 1425 | 06/85 | 114.1 | 114.5 | 114.7 | 4.3 | 2 |
| Ships and boats .................................................................................................... | 143 |  | 117.2 | 122.2 | 122.7 | 7.2 | . 4 |
|  | $\begin{array}{ll}1431 & \\ & 01 \\ & 0102\end{array}$ | 12/85 | 102.5 | 107.8 | 108.3 | 7.9 | . 5 |
| Nonmilitary ships ............................................................................................. |  |  |  |  |  |  |  |
| Self-propelled ships, nonmilitary ....................................................................................... |  | 12/85 | 103.6 | 108.6 | 109.5 | ( | . 8 |
| Boats ...................................................................................................................................... | 1432 |  | 125.2 | 125.4 | 125.5 | 3.9 | . 1 |
| Outboard motorboats | 01 |  | 128.4 | 128.3 | 126.4 | 3.2 | -1.5 |
|  | 0101 |  | 128.6 | 128.3 | 126.1 | 2.9 | -1.7 |
| Other outboard boats ............................................................................................................. | 0103 | 06/83 | 128.3 | 128.8 | 127.7 | ${ }^{(2)}$ | -. 9 |
| Inboard motorboats, incl. i.-o. houseboats ............................................................... | 02 |  | 128.9 | 129.4 | 129.8 | 4.8 | . 3 |
|  | 0201 | 06/83 | 125.9 | 128.3 | 123.8 | 6.1 | -3.5 |
| Cabin cruisers, non-military ............................................................................. | 0202 |  | 130.2 | 130.4 | 131.5 | 4.2 | . 8 |
| Inboard-outdrive boats, except houseboats ............................................................... | 03 |  | 124.5 | 124.3 | 125.5 | 3.5 | 1.0 |
| Less than 26 ft . LOA ...................................................................................................... | 0303 | 12/88 | 100.9 | 100.2 | 101.0 | (2) | . 8 |
| 26 ft. or more LOA ...................................................................................... | 0304 | 12/88 | 102.2 | 102.7 | 104.0 | ${ }^{(2)}$ | 1.3 |
| All other boats ............................................................................................ | 04 |  | 115.6 | 116.1 | 116.5 | 3.9 | . 3 |
| Sailboats, with auxiliary power ........................................................................ | 0401 |  | 120.9 | 121.2 | 121.9 | 3.4 | . 6 |
| Sailboats, without auxiliary power ............................................................................ | 0402 |  | 110.6 | 112.4 | 112.3 | ${ }^{(2)}$ | -. 1 |
| Other boats: rowboats, canoes, skiffs, etc. ............................................................... | 0403 |  | 116.8 | 116.8 | 117.3 | (2) | 4 |

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 = 100 unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 $=100$ unless otherwise indicated)


See footnotes at end of table.

Table 6. Producer price indexes and percent changes for commodity groupings and individual items-Continued
(1982 = 100 unless otherwise indicated)

| Commodity | Commoditycode | Other index base | Index |  |  | Unadjusted percent change to July 1989 From: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Mar. 1989 ${ }^{1}$ | June 1989¹ | July $1989{ }^{1}$ | July 1988 | June 1989 |
| Musical instruments ...... | 1593 |  | 115.3 | 116.7 | 116.9 | 5.0 | 0.2 |
| Pianos .................. | 0114 | 06/85 | 118.5 | 118.0 | 118.0 | 7.9 | 0 |
| Organs ... | 0115 | 06/85 | 107.4 | $\left.{ }^{2}\right)$ | ${ }^{2}{ }^{2}$ | ${ }^{(2)}$ | $\left({ }^{2}\right)$ |
| Piano and organ parts .. | 0116 | 06/85 | 106.5 | 113.3 | 113.3 | 7.6 | 0 |
| Other musical instruments and parts ......................................................................... | 0117 | 06/85 | 118.3 | 120.0 | 120.0 | 4.8 | 0 |
| Jewelry and jewelry products ............................................................................. | 1594 |  | 114.2 | 114.8 | 115.2 | 1.6 | . 3 |
| Jewelry, platinum and karat gold .................................................................................. | 02 |  | 116.3 | 116.7 | 117.5 | 0 | . 7 |
| Other precious metal jewelry ...................... | 03 |  | 111.6 | 112.4 | 112.1 | 2.2 | -. 3 |
| Costume jewelry and novelties .......................................................................... | 04 |  | 121.5 | 122.6 | 122.6 | 5.0 | 0 |
| Costume jewelry \& novelties made of base metal ............................................................... | 0411 | 06/85 | 108.2 | 109.3 | 109.3 | 5.8 | 0 |
| Jewelers' findings and materials ............................................................................................. | 05 |  | 110.9 | 111.5 | 111.4 | 2.7 | -. 1 |
| Pens, pencils, and marking devices .................................................................................... | 1595 |  | 115.7 | 114.8 | 115.2 | 3.0 | . 3 |
| Pens, mechanical pencils, and parts ........................................................................ | 02 | 12/85 | 110.6 | 109.0 | 110.0 | 2.7 | . 9 |
| Ball point pens, including roller pens | 0201 |  | 115.1 | 113.4 | 114.7 | 4.2 | 1.1 |
| Soft tip pens ........ | 0203 | 12/85 | 101.2 | 101.2 | 101.2 | 0 | 0 |
| Pen and mechanical pencil parts \& refill cartridges .......................................................... | 0207 | 12/85 | 106.2 | 106.2 | 108.3 | 2.0 | 2.0 |
| Lead pencils and art goods ........................ | 03 | 12/85 | 109.5 | 108.8 | 108.9 | 2.8 | . 1 |
| Black graphite pencils .......... | 0301 |  | 105.9 | 104.0 | $\left.{ }^{(2}\right)$ | (2) | ${ }^{(2)}$ |
| Other wood cased pencils, crayons, and chalk ..................................................................... | 0302 | 12/85 | 112.8 | 111.8 | 111.8 | 2.7 | 0 |
| Artists' equipment and supplies | 0303 | 12/85 | 115.7 | 116.0 | 116.2 | 5.2 | . 2 |
| Marking devices ......................... | 04 | 12/85 | 111.7 | 112.5 | 111.6 | 3.8 | -. 8 |
| Rubber and vinyl stamps. | 0401 | 12/85 | 115.3 | 115.3 | 115.3 | 2.9 | 0 |
| Mechanical hand stamps .............................................................................. | 0402 | 12/85 | 116.5 | 120.0 | 119.9 | 8.4 | -. 1 |
| Embossing seals ............... | 0403 | 12/85 | 121.0 | 121.0 | 108.1 | 1.8 | -10.7 |
| Metal hand stamps ................................................................................................................. | 0404 | 12/85 | 112.3 | 114.8 | 114.8 | 5.8 | 0 |
| Other marking devices ............................................................................................................ | 0405 | 12/85 | 104.6 | 104.4 | 103.3 | 2.3 | -1.1 |
| Watches, clocks and timing mechanisms ............................................................. | 1596 |  | 111.7 | 112.4 | 112.5 | 2.1 | . 1 |
| Watches, clocks \& timing mech., ex. parts ........................................................ | 01 |  | 111.8 | 112.6 | 112.7 | 2.4 | . 1 |
| Watches .............................................. | 0121 | 06/83 | 100.5 | 100.5 | 100.5 | -. 2 | 0 |
| Clocks .................................................................................................................. | 0123 | 06/83 | 113.8 | 116.1 | 115.5 | 3.2 | -. 5 |
| Timing mechanisms ..................-.......................................................................................... | 0125 | 06/83 | 114.2 | 114.2 | 116.1 | 9.0 | 1.7 |
| Brooms and brushes ........................................................................................................ | 1597 |  | 113.8 | 115.1 | 115.6 | 4.0 | . 4 |
| Brooms ........... | 0501 | 12/85 | 105.9 | 107.8 | 108.4 | 4.2 | . 6 |
| Paint and varnish brushes and rollers | 0502 | 12/85 | 109.6 | 111.3 | 111.3 | 4.3 | 0 |
| Other brushes, excl. paint and varnish brushes ................................................................................... | 0503 | 12/85 | 109.7 | 110.4 | 111.0 | 3.5 | . 5 |
| Phonograph records and prerecorded tapes .......................................................... | 1598 |  | 104.0 | 104.2 | 104.9 | . 5 | . 7 |
| Phonograph records | 01 |  | 105.6 | 105.8 | 107.0 | . 5 | 1.1 |
| Audio tapes ............................................................................................................. | 02 |  | 101.9 | 101.9 | 101.9 | 4 | 0 |
| Fire extinguishers ................................................................................................... | 1599 |  | 102.7 | 102.7 | 102.7 | 8.8 | 0 |
| Fire extinguishers ...................................................................................................... | 0175 | 12/85 | 111.3 | 111.3 | 111.3 | 8.8 | 0 |

${ }^{1}$ Data for March 1989 have been revised to reflect the availability of late reports and conrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.
${ }^{2}$ Not available.
${ }^{3}$ Prices for all items in this grouping are lagged 1 month.
${ }^{4}$ Prices for some items in this grouping are lagged 1 month.
n.e.c. $=$ Not elsewhere classified.

Note: Titles of some commodities are not shown in this table because they fail to meet our publication criteria.

## Table 7. Producer price indexes by durability of product

$(1982=100)$

| Grouping |
| :--- |

Table 8. Producer price indexes for special commodity groupings'
(1982 $=100$ unless otherwise indicated)

| Commodity grouping | 1988 |  | 1989 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual average | July | March ${ }^{2}$ | June ${ }^{2}$ | July ${ }^{2}$ |
| All commodities except farm products | 107.1 | 107.9 | 111.5 | 113.0 | 113.0 |
| All foods ....... | 111.5 | 113.3 | 117.4 | 117.4 | 118.1 |
| Processed foods | 112.1 | 113.8 | 117.0 | 117.4 | 118.1 |
| Industrial commodities less fuels and related products and power ................................. | 116.5 | 116.8 | 121.0 | 121.5 | 121.4 |
| Selected textile mill products ...................................................................................... | 109.8 | 109.9 | 112.5 | 113.1 | 113.1 |
| Hosiery . | 110.1 | 110.1 | 111.6 | 112.1 | 112.0 |
| Undenwear and nightwear | 114.2 | 114.6 | 116.5 | 116.5 | 117.0 |
| Chemicals and allied products, including synthetic rubber and synthetic fibers ................ | 115.3 | 116.3 | 123.2 | 123.2 | 122.6 |
| Pharmaceutical preparations ...... | 159.9 | 160.5 | 170.5 | 173.0 | 174.5 |
| Synthetic paint resins (June 1987=100) | 116.2 | 117.0 | 120.6 | 120.4 | 119.2 |
| Volatile paint liquids (June 1987=100) | 101.3 | 101.8 | 123.9 | 123.2 | 119.0 |
| Lumber and plywood ${ }^{3}$ | 116.7 | 119.4 | 120.1 | 124.2 | 126.8 |
| Steel mill products, including fabricated wire products ............................................ | 110.4 | 111.0 | 114.5 | 114.7 | 114.6 |
| Finished steel mill products, excluding fabricated wire products .................................... | 110.9 | 111.5 | 115.0 | 115.0 | 114.9 |
| Finished steel mill products, including fabricated wire products .................................... | 110.6 | 111.1 | 114.6 | 114.8 | 114.7 |
| Special metals and metal products ................................................................................. | 117.0 | 117.1 | 122.3 | 121.2 | 120.2 |
| Fabricated metal products ........................................................................................... | 113.6 | 114.1 | 117.6 | 118.6 | 118.8 |
| Copper and copper products | 153.5 | 146.0 | 187.7 | 164.4 | 156.1 |
| Machinery and motive products ................................................................................... | 113.8 | 113.7 | 116.7 | 117.6 | 117.5 |
| Machinery and equipment, except electrical ................................................................. | 113.1 | 113.2 | 116.8 | 118.0 | 118.3 |
| Agricultural machinery, including tractors ...................................................................... | 113.4 | 113.0 | 117.5 | 117.7 | 117.8 |
| Metalworking machinery ............................................................................................... | 115.6 | 115.3 | 120.2 | 120.6 | 121.3 |
| Total tractors .............................................................................................................. | 110.8 | 110.8 | 116.6 | 118.1 | 118.1 |
| Construction materials ................................................................................................. | 115.7 | 115.9 | 118.9 | 119.4 | 119.6 |
| Agricultural machinery and equipment, less parts .......................................................... | 113.4 | 112.8 | 117.6 | 117.9 | 117.9 |
| Farm and garden tractors, less parts ........................................................................... | 110.4 | 110.3 | 117.7 | 119.3 | 119.3 |
| Agricultural machinery excluding tractors, less parts ..................................................... | 115.4 | 114.8 | 117.7 | 117.1 | 117.1 |

1 These indexes are calculated by combining the indexes listed below by commodity code after each special commodity grouping. The weights are those used for the comprehensive All Commodities index.
2 Data for March 1989 have been revised to reflect the availability of late reports and con'ections by respondents. All data are subject to revision 4 months after original publication.

All commodities except farm products: 02 through 15
All foods: 011, 017, and 02 less 0261, 0262, and 029
Processed foods: 02 less 0261, 0262, and 029
Industrial commodities less fuels and related products and power: 03, 04, and 06 through 15

Selected textile mill products: 0327, 03370105, 03370109, 034, 03810168, 03810169, 03810272, 038810274, 03810298, 03810364, 03820134, 03820303, 03830323, 03830324, 03830325 and 1231

Hosiery: 03810168, 03810169, 03810171, 03810272, $03810273,03810363,03810364$, and 03810365

Underwear and nightwear: 03810174, 03810175, 03810176, 03810177, 03810178, 03810274, 03810275, 03810276. 03810277, 03810368, and 03810369

Chemicals and allied products, including synthetic rubber and synthetic fibers: 031, 06 less 064, and 071102

Pharmaceutical preparations: 0634, 0635, and 0636
Synthetic paint resins: 06220132, 066207, and 06620903
Volatile paint liquids: 06140141, 06140201, 06140341, 06140356, 06220306, 06220308, 06220309, and 06220311

Lumber and plywood ${ }^{3}$ : 081 and 083
Steel mill products, including fabricated wire products: 1017 and 1088

Finished steel mill products, excluding fabricated wire products: 1017 less 101701 and 101702

Finished steel mill products, including fabricated wire products: 1017 and 1088 less 101701 and 101702

Special metals and metal products: 10, 111, and 141

Fabricated metal products: 10-3 through 10-8
Copper and copper products: 10210201,
10220123, 10220162, 102301, 10240301,
10240302. 10240304, 10240305, 102502, 10260315,

10260316, 10260317, 10260319, 10260325,
10280301, 10280302, and 10280303
Machinery and motive products: 11 and 14
Machinery and equipment, except electrical: 111, 112,
$113,114,116,118$, and 119
Agricultural machinery, including tractors: 1111 and 1112 less 11115211 and 111251

Metalworking machinery: 113A, 1132, 113304, 1137, and 1138
Total tractors: 1111 and 1128 less 11115211, 112802, and 112803

Agricultural machinery and equipment, less parts (old commodity code 111): 111 less 11115211 and 111251

Farm and garden tractors, less parts (old commodity code 1111): 1111 less 11115211

Agricultural machinery excluding tractors, less parts (old commodity code 1112): 1112 less 111251

Construction materials: 0621, 0721, 0811, 082, 083, 08490105, 086, 092, 101502, 10170399, 10170499, 10170611, 10170627, 10250103, 10250104, 10250121,
10250123, 10250254, 10260307,
104101, 105, 106, 1071, 10730101, 10730109,
10730145, 10730146, 10730164, 10730165, 107402,
107403, 107404, 10740501, 10740781,
10740791, 10810246, 10830301, 10830321,
10830323, 10830325, 10830329, 10830351, 10830361,
10880211, 10880213, 10880961, 10890566, 1142,
1147, 11490205, 11710109, 11710111, 11710112, 11710113,
11710115, 11710116, 11710117, 11710118, 11710119,
11710121, 11710266, 11710267,
11710272, 11710273, 11710274, 11710282,
123101, 1232, 131105, 132, 133, 134, 136,
137, 1392, 1393, 1394, and 139501
${ }^{3}$ Formerly entitled: Lumber and wood products, excluding millwork

Table 9. Producer price indexes and percent changes for selected telephone services
(1972 = 100)

| Industry/ product code | Description | Indexes |  |  | Unadjusted percent change Jul. 1989 fro |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Jun. | Jul. |  |  |
|  |  | 1989 1/ | 1989 1/ | 1989 1/ | Jul. 1988 | Jun. 1989 |
| 4811-1 | Local service | 226.3 | 229.5 | 229.5 | 5.3 | 0 |
| 4811-111 | Residential ${ }^{\prime} /$ | 246.7 | 252.3 | 252.3 | 7.3 | 0 |
| 4811-112 | Business | 234.4 | 234.8 | 234.8 | 2.1 | 0 |
| 4811-113 | Optional additional usage | 127.5 | 127.5 | 127.5 | -. 2 | 0 |
| 4811-114 | Coin ................... | 246.6 | 246.7 | 246.7 | 5.8 | 0 |
| 4811-2 | Toll service | 125.1 | 124.0 | 123.9 | 1.2 | -. 1 |
| 4811-211 | Intrastate MTS | 153.6 | 153.7 | 153:5 | 4.6 | -. 1 |
| 4811-212 | Interstate MTS | 109.7 | 108.0 | 107.8 | -1.2 | -. 2 |
| 4811-213 | International MTS | 83.8 | 83.8 | 83.8 | 0 | 0 |
| 4811-214 | WATS | 102.1 | 99.5 | 99.5 | -5.2 | 0 |
| 4811-214-11 | Interstate WATS | 90.6 | 87.0 | 87.0 | -6.6 | 0 |
| 4811-214-12 | Intrastate WATS | 132.3 | 132.4 | 132.4 | -3.1 | 0 |
| 4811-311 | Private lines, interstate | 168.3 | 168.3 | 168.3 | 0 | 0 |
| 4811-911 | Directory advertising | 293.1 | 297.0 | 297.6 | 4.9 | . 2 |

1/ Data for Mar. 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

2/ Telephone services contained in the Consumer Price Index cover not only local residential service, but also parts of toll service, equipment leasing (such as extension phones), and non-recurring charges (such as installation).

## Table 10. Producer price Indexes for material inputs to construction industries

| Grouping 1/ | Relative importance June1989 | Unadjusted index |  |  | Unadjusted percent change to July 1989 from: |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Mar } \\ & 1989 \\ & \hline \end{aligned}$ | June 1989 | $\begin{aligned} & \text { July } \\ & 1989 \underline{2} \end{aligned}$ | $\begin{aligned} & \text { July } \\ & 1988 \end{aligned}$ | $\begin{aligned} & \text { June } \\ & 1989 \end{aligned}$ |
| Inputs to construction industries | 100.000 | 110.0 | 111.3 | 111.3 | 4.6 | 0.0 |
| New construction. ............. | 73.581 | 110.1 | 111.3 | 111.3 | 4.6 | 0 |
| Single-unit residential | 30.649 | 109.2 | 110.6 | 111.0 | 4.6 | . 4 |
| Multi-unit residential. | 4.703 | 108.9 | 109.9 | 110.2 | 4.2 | . 3 |
| Non-residential buildings. | 18.586 | 110.1 | 111.0 | 110.9 | 4.2 | -. 1 |
| Highway and street construction. | 4.587 | 105.9 | 107.8 | 107.3 | 3.4 | -. 5 |
| Water and sewer supply construction | 2.812 | 109.4 | 110.5 | 110.3 | 4.1 | -. 2 |
| Other heavy construction......... | 12.244 | 114.6 | 115.7 | 115.1 | 6.2 | -. 5 |
| Maintenance and repair construction Residential | 26.418 8.400 | 110.0 109.3 | 111.2 110.5 | 111.2 110.7 | 4.5 |  |
| $\begin{aligned} & \text { Residential } \\ & \text { Non-residentiai } \end{aligned}$ | 8.400 18.019 | 109.3 110.3 | 110.5 111.5 | 110.7 111.4 | 4.4 4.5 | -. 2 |

1/ Indexes in this table are derived from the primary product indexes in table 5 that are weighted using 1977 input/output relationships. These indexes only include inputs to construction which are produced by the mining and manufacturing sectors of the economy, excluding capital equipment. Since they do not include labor or capital costs, these indexes should not be regarded as comprehensive measures of changes in construction costs. See note on page 190 of the July 1986 issue of Producer Price Indexes.

2/ Data for Mar. 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.
3/ Not available.
NOTES: Some of the price indexes shown in this table have been corrected for the period from March 1986 to June 1989. See page 3.
Effective with this issue, the United States Postal Service indexes, previously shown in table 10, have been rebased to June $1989=100$ and are now included in table 5 . Tables that had been numbered 11, 12, and 13 have been renumbered as tables 10, 11, and 12 respectively.

Table 11. Producer price indexes and percent changes for the net output of industry by stage of process

| (June 1987=100) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grouping 1/ | Relative Importance$\begin{aligned} & \text { Jun. } \\ & 1989 \end{aligned}$ | Unadjusted Index 2' |  |  | Unadjusted percent changes |  |  |  |  |  |
|  |  |  |  |  | 12monthsendingJul1989 | 3 months ending-- |  |  |  | $\begin{aligned} & \text { Junn. } \\ & 1989 \\ & \text { To } \\ & \text { Ju1. } \\ & 1989 \end{aligned}$ |
|  |  | $\begin{aligned} & \text { Mar } \\ & 198921 \end{aligned}$ | Junt 1989 | Ju1 19892 |  | $\begin{aligned} & \hline 0 c t \\ & 1988 \end{aligned}$ | $\begin{aligned} & \text { Jan. } \\ & 1989 \end{aligned}$ | $\begin{aligned} & \hline \overline{A P r} \\ & 1989 \end{aligned}$ | Ju19 |  |
| Net output from: |  |  |  |  |  |  |  |  |  |  |
| Crude processors | 100.000 | 112.5 | 112.9 | 113.5 | 6.4 | -0.4 | 5.4 | 1.4 | -0.1 | 0.5 |
| Crude agricultural and feed processors | 9.959 | 136.6 | 126.1 | 127.6 | -11.5 | -3.5 | -0.2 | -6.3 | $-2.0$ | 1.2 |
| Crude agricultural processors | 6.291 | 144.1 | 131.4 | 132.3 | -14.0 | -4.9 | 0.5 | -7.8 | -2.4 | 0.7 |
| Crude feed processors | 3.667 45.572 | 125.0 | 117.8 | 120.3 | -6.9 | -0.7 | -1.4 | $-3.5$ | -1.5 | 2.1 |
| Crude mining processors | 45.572 | 98.9 | 102.5 | 103.9 | 12.2 | -2.4 | 8.6 | 3.7 | 2.1 | 1.4 |
| Crude manufacturing processors less | 44.469 | 123.8 | 122.6 | 122.1 | 5.5 | 2.4 | 3.7 | 1.1 | -1.8 | -0.4 |
| Crude nondurables processors | 33.824 | 121.6 | 121.2 | 120.7 | 5.4 | 2.4 | 2.9 | 1.7 | -1.5 | -0.4 |
| Crude durables processors | 10.645 | 131.0 | 127.3 | 126.8 | 6.1 | 2.7 | 6.4 | -0.5 | $-2.4$ | -0.4 |
| Primary processors <br> Primary agricultural and food processors <br> Primary agricultural processors <br> Primary food processors <br> Primary mining processors | 100.000 | 108.4 | 111.0 | 110.1 | 5.2 | -0.5 | 2.4 | 3.8 | -0.6 | -0.8 |
|  | 17.236 | 111.0 | 107.7 | 106.7 | -0.2 | 1.7 | 1.5 | -2.0 | -1.3 | -0.9 |
|  | 15.367 | 109.3 | 106.2 | 105.0 | 2.2 | 3.3 | 2.2 | -1.7 | -1.5 | -1.1 |
|  | 1.869 | 124.4 | 119.4 | 121.0 | -14.8 | -8.7 | -2. 5 | -4.8 | 0.5 | 1.3 |
|  | 0.869 | 103.1 | 104.0 | 104.1 | 2.1 | 0.3 | 0.4 | 0.9 | 0.5 | 0.1 |
| Primary manufacturing processors less foods <br> Primary nondurables processors Primary durables processors | 81.894 | 107.9 | 111.9 | 110.9 | 6.3 | -0.9 | 2.4 | 5.3 | -0.5 | -0.9 |
|  | 50.790 | 105.9 | 112.1 | 110.3 | 7.8 | -2.2 | 3.3 | 7.9 | -1.2 | -1.6 |
|  | 31.104 | 111.1 | 111.6 | 111.9 | 4.1 | 1.1 | 1.3 | 1.3 | 0.4 | 0.3 |
| Semifinished processors Semifinished agricultural and food | 100.000 | 108.0 | 108.6 | 108.8 | 4.3 | 0.8 | 1.6 | 1.0 | 0.8 | 0.2 |
| processors | 22.498 | 108.1 | 108.6 | 108.8 | 4.8 | 0.0 | 1.4 | 1.4 | 1.9 | 0.2 |
| Semifinished agricultural processors | 2.619 | 107.2 | 111.4 | 109.2 | 9.0 | -0.7 | -1.3 | -0.4 | 11.7 | -2.0 |
| Semifinished food processors | 19.878 | 108.2 | 108.2 | 108.7 | 4.3 | 0.1 | 1.8 | 1.6 | 0.7 | 0.5 |
| less foods | 77.502 | 107.9 | 108.6 | 108.8 | 4.1 | 1.0 | 1.6 | 0.9 | 0.6 | 0.2 |
| Semifinished nondurables processors | 23.112 | 110.6 | 111.2 | 111.6 | 5.0 | 1.1 | 2.1 | 1.0 | 0.6 | 0.4 |
| Semifinished durables processors | 54.390 | 106.8 | 107.5 | 107.6 | 3.8 | 0.9 | 1.4 | 0.9 | 0.5 | 0.1 |
| Finished processorsFinished foods processors | 100.000 | 106.6 | 107.5 | 107.6 | 4.3 | 1.6 | 1.2 | 0.5 | 0.8 | 0.1 |
|  | 19.892 | 106.6 | 107.4 | 108.0 | 5.3 | 2.2 | 1.2 | 0.5 | 1.2 | 0.6 |
| Finished mining processors | 1.833 | 103.3 | 102.8 | 103.3 | -2.4 | -2.2 | -0.1 | -0.4 | 0.3 | 0.5 |
| Finished manufacturing processors less foods | 78.275 | 106.6 | 107.6 | 107.6 | 4.2 | 1.5 | 1.2 | 0.5 | 0.8 | 0.0 |
| Finished nondurables processors | 20.196 | 110.5 | 112.2 | 112.5 | 5.4 | 0.6 | 2.1 | 1.0 | 1.6 | 0.3 |
| Finished durables processors | 58.079 | 105.3 | 106.1 | 106.0 | 3.7 | 1.9 | 1.0 | 0.3 | 0.6 | -0.1 |
| Special groupings: |  |  |  |  |  |  |  |  |  |  |
| Crude energy processors | 44.050 | 98.8 | 102.5 | 104.0 | 12.6 | -2.6 | 8.9 | 3.9 | 2.2 | 1.5 |
|  | 55.950 | 125.3 | 122.6 | 122.4 | 1.9 | 1.2 | 2.9 | -0.3 | -1.8 | -0.2 |
| Crude processors less agriculture | 93.709 | 110.7 | 111.8 | 112.4 | 8.1 | 0.0 | 5.8 | 2.2 | 0.0 | 0.5 |
| Crude processors less agriculture and feeds | 90.041 | 110.2 | 111.6 | 112.1 | 8.8 | 0.1 | 6.0 | 2.5 | 0.1 | 0.4 |
| Crude processors less agriculture, feed and energy | 45.991 | 123.0 | 121.8 | 121.3 | 5.4 | 2.3 | 3.7 | 1.1 | -1.8 | -0.4 |
| Primary energy processors Primary processors less energy Primary processors less agriculture, food and energy | 21.941 | 99.5 | 112.7 | 108.4 | 12.9 | -7.4 | 6.7 | 18.0 | $-3.2$ | $-3.8$ |
|  | 78.059 | 110.9 | 110.7 | 110.6 | 3.3 | 1.3 | 1.4 | 0.5 | 0.0 | -0.1 |
|  | 60.823 | 110.8 | 111.5 | 111.7 | 4.2 | 1.2 | 1.2 | 1.4 | 0.4 | 0.2 |
| Finished processors less food | 80.108 | 106.5 | 107.5 | 107.5 | 4.0 | 1.5 | 1.1 | 0.5 | 0.8 | 0.0 |
| 1/ Indexes in this table are derived from the industry indexes in table 5. Industries are allocated to stages of process based on inter-industry shipment patterns from the 1977 input/output relationships. |  |  |  |  |  |  |  |  |  |  |
| 2/ All data are subject to revision 4 months after original publication. Data are not seasonally adjusted. |  |  |  |  |  |  |  |  |  |  |
| 3/ Not available. |  |  |  |  |  |  |  |  |  |  |
| NOTE: Some of the net output price indexes for industries and industry groups, including those shown in this table, have been corrected for the period from March 1986 to June 1989. See page 3. |  |  |  |  |  |  |  |  |  |  |

Table 12. Producer price indexes and percent changes for net material inputs to industry stage of process and final demand

| (June 1987 = 100) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grouping 1/ | Relative Importance$\begin{aligned} & \text { Jun } \\ & 1989 \end{aligned}$ | Unadjusted Index 2/ |  |  | 12monthsendingJul1989 | Unadjusted percent changes |  |  |  |  |
|  |  |  |  |  |  | mont | endin |  | $\begin{aligned} & \text { Junt. } \\ & 1989 \end{aligned}$ |
|  |  | Mar 19892 | Junt <br> 1989 <br>  <br> 1 |  |  | $\begin{aligned} & 0 c t . \\ & 1988 \end{aligned}$ | Jan. 1989 | $\begin{aligned} & \text { Apr } \\ & 1989 \end{aligned}$ | $\begin{aligned} & \mathrm{Jul} \\ & 1989 \end{aligned}$ | $\begin{aligned} & \text { To } \\ & \text { Ju1. } \\ & 1989 \end{aligned}$ |
| Net material input to: |  |  |  |  |  |  |  |  |  |  |
| Primary processors <br> Foods and agricultural products Crude food and agricultural products Processed foods | 100.000 | 111.8 | 113.3 | 114.1 |  | 9.3 | -3.2 | 7.8 | 5.0 | -0.3 | 0.7 |
|  | 13.341 | 133.1 | 124.0 | 125.4 | -9.8 | -2.4 | -0.5 | -5.1 | $-2.1$ | 1.1 |
|  | 6.656 | 141.6 | 130.3 | 130.5 | -12.7 | -3.9 | 0.3 | -6.9 | -2.7 | 0.2 |
|  | 6.685 | 125.6 | 118.5 | 121.0 | -6.9 | -0.9 | -1.3 | -3.3 | -1.5 | 2.1 |
| Energy | 36.080 | 95.8 | 103.1 | 105.4 | 26.8 | -12.2 | 22.2 | 15.8 | 2.0 | 2.2 |
| Goods less food and energy | 50.579 | 119.6 | 119.0 | 118.4 | 4.5 | 2.0 | 2.8 | 1.2 | -1.5 | 2.2 |
| Mining products less energy | 1.522 | 104.1 | 103.2 | 102.6 | 1.9 | 1.0 | 2.7 | -0.5 | -1 ${ }^{-1}$ | v. 6 |
| Nondurables less food and energy Durables | 31.362 17.695 | 118.2 | 118.4 | 117.9 | 4.7 | 2.1 | 1.9 | 2.0 | -1.0 | -0.6 |
| Durables | 17.695 | 123.6 | 121.7 | 120.9 | 4.3 | 1.9 | 4.1 | 0.1 | -1.8 | -0.7 |
| Semifinished processors <br> Foods and agricultural products Crude food and agricultural products Processed foods <br> Energy | 100.000 | 110.8 | 110.8 | 110.3 | 3.4 | 1.3 | 1.7 | 0.8 | -0.5 | -0.5 |
|  | 28.202 | 105.0 | 104.3 | 102.9 | 1.0 | 1.3 | 0.9 | -0.6 | -0.6 | -1.3 |
|  | 26.206 | 104.2 | 103.6 | 102.0 | 1.5 | 1.7 | 0.9 | -0.4 | -0.7 | -1.5 |
|  | 1.996 | 115.9 | 113.1 | 114.3 | -5.6 | -3.4 | -0.3 | -2.6 | 0.5 | 1.1 |
| Energy Goods less food and energy | 1.800 69.997 | 98.0 | 108.4 | 104.6 | 12.4 | -7.4 | 8.6 | 16.6 | -4.1 | -3.5 |
| Goods less food and energy Mining products less ener | 69.997 0.940 | 113.5 | 113.5 | 113.6 | 4.2 | 1.6 | 1.8 | 1.1 | -0.3 | 0.1 |
| Nondurables less food and energy | 30.916 | 104.6 112.5 | 105.4 113.1 | 105.3 113.0 | 1.9 4.1 | 0.3 1.5 | 0.6 | 1.3 | 0.6 | -0.1 -0.1 |
| Durables | 38.141 | 114.5 | 114.1 | 114.3 | 4.3 | 1.6 | 2.2 | 0.9 | -0.4 | -0.2 |
| Finished processors <br> Foods and agricultural products Crude food and agricultural products Processed foods | 100.000 | 108.3 | 108.7 | 108.7 | 3.4 | 1.0 | 1.2 | 0.7 | 0.4 | 0.0 |
|  | 12.714 | 110.5 | 109.3 | 109.1 | 2.7 | 1.3 | 1.7 | -0.7 | 0.5 | -0.2 |
|  | 4.370 | 107.4 | 105.2 | 103.8 | 2.7 | 4.5 | 1.2 | -3.8 | 1.0 | -1.3 |
|  | 8.344 | 112.3 | 111.7 | 112.1 | 3.4 | 0.0 | 2.2 | 1.0 | 0.2 | 0.4 |
| Energy <br> Goods less food and energy | 0.734 | 98.1 | 108.3 | 104.6 | 12.4 | -7.2 | 8.6 | 16.2 | -4.0 | -3.4 |
|  | 86.552 | 108.1 | 108.6 | 108.7 | 3.5 | 1.1 | 1.1 | 0.8 | 0.4 | 0.1 |
| Goods less food and energy Mining products less energy | 0.062 | 108.8 | 109.9 | 108.6 | 1.9 | 0.3 | 0.9 | 0.8 | -0.2 | -1.2 |
| Mining products less energy Nondurables less food and energy Durables | 30.899 | 110.8 | 111.3 | 111.5 | 4.0 | 1.2 | 1.4 | 1.0 | 0.4 | 0.2 |
|  | 55.591 | 106.6 | 107.1 | 107.3 | 3.4 | 1.1 | 1.0 | 0.8 | 0.5 | 0.2 |
| Final demand Consumers | 100.000 | 106.7 | 108.7 | 108.4 | 4.8 | 0.8 | 1.3 | 1.8 | 0.8 | -0.3 |
|  | 72.503 | 107.2 | 109.6 | 109.2 | 5.4 | 0.6 | 1.6 | 2.3 | 0.8 | -0.4 |
| Foods and agricultural products Crude food and agricultural products Processed foods | 26.894 | 108.2 | 108.4 | 109.0 | 5.6 | 1.6 | 1.5 | 0.8 | 1.6 | 0.6 |
|  | 2.350 24.544 | 122.7 | 117.8 | 117.8 | 8.7 | 3.6 | 3.2 | -4.6 | 6.5 | 0.0 |
|  | 24.544 | 106.9 | 107.6 | 108.3 | 5.5 | 1.4 | 1.4 | 1.3 | 1 -2 | 0.7 |
| Processed foods Energy | 6.809 | 98.4 | 117.3 | 111.8 | 14.3 | -8.3 | 3.7 | 22.5 | -1.8 | -4.7 |
| Consumer goods less food and energy | 38.800 | 108.0 | 109.1 | 108.9 | 3.9 | 1.4 | 1.1 | 0.6 | 0.7 | -0.2 |
| Mining products less energy Nondurables less food and energy | 0.003 | 106.2 | 106.8 | 106.6 | 2.0 | 0.5 | 0.6 | 0.5 | 0.5 | -0.2 |
| Nondurables less food and energy Durables | 22.844 | 110.6 | 112.1 | 112.2 | 4.9 | 0.6 | 2.0 | 1.0 | 1.2 | 0.1 |
| Durables | 15.953 | 104.5 | 105.1 | 104.5 | 2.6 | 2.5 | 0.2 | -0.3 | 0.2 | -0.6 |
| Capital investment | 27.497 | 105.4 | 106.3 | 106.3 | 3.2 | 1.2 | 0.9 | 0.5 | 0.7 | 0.0 |
| Special groupings: |  |  |  |  |  |  |  |  |  |  |
| Final demand less foods |  |  |  |  |  |  |  |  |  |  |
| and agricultural products | 73.106 | 106.2 | 108.7 | 108.2 | 4.5 | 0.5 | 1.2 | 2.2 | 0.6 | -0.5 |
| Final demand less energy | 93.162 | 107.3 | 108.1 | 108.2 | 4.2 | 1.3 | 1.2 | 0.6 | 1.0 | 0.1 |
|  | 66.268 | 106.9 | 107.9 | 107.8 | 3.7 | 1.3 | 1.0 | 0.5 | 0.7 | -0.1 |
| Consumer goods less energy $4 /$ <br> Consumer goods less foods <br> and agricultural products $4 /$ <br> Nondurable consumer goods less foods 4/ | 90.608 | 108.1 | 108.8 | 109.0 | 4.6 | 1.3 | 1.4 | 0.7 | 1.1 | 0.2 |
|  | 62.907 40.900 | 106.6 107.9 | 110.3 113.3 | 109.3 112.1 | 5.3 6.9 | 0.1 -1.2 | 1.5 2.3 | 3.2 5.3 | 0.4 0.4 | -0.9 -1.1 |
| 1/ Indexes in this table are derived from are composed of the goods used by the $i$ output indexes as shown by the 1977 inp only domestic material input and do not | the product ndustries in ut/output re include any | ndexes in each of ationship impor ted | table 5 he indus s. These naterials | These y stage materi which | ndexes of proc input <br> $y$ be us | 55 includ d. |  |  |  |  |
| 2/ All data are subject to revision 4 months after original publication. Data are not seasonally adjusted. |  |  |  |  |  |  |  |  |  |  |
| $3 /$ Not available. |  |  |  |  |  |  |  |  |  |  |
| 4/ Percent of final input to consumers. |  |  |  |  |  |  |  |  |  |  |
| NOTE: Some of the net output price indexes for industries and industry groups, including those shown in this table, have been corrected for the period from March 1986 to June 1989. See page 3 . |  |  |  |  |  |  |  |  |  |  |

Table 13. Traditional commodity price indexes deleted from the Producer Price Index, effective July 1989

Commodity Code

$$
\begin{aligned}
& 02-62-05-04 \\
& 02-62-05-07 \\
& 02-62-06-02 \\
& 04-21-05-01 \\
& 06-71-03-01 \\
& 06-79-06-02 \\
& 10-88-07-21 \\
& \\
& 11-45-02-07 \\
& 11-49-05-19 \\
& 11-63-05-23 \\
& 11-95-01-11 \\
& 11-95-01-21 \\
& 11-95-01-23 \\
& 11-95-01-25 \\
& \\
& 13-21-01-15 \\
& 13-22-01-31 \\
& 13-22-01-51 \\
& 14-42-01-04 \\
& 15-22-01-02 \\
& 15-22-01-03 \\
& 15-22-01-04 \\
& 15-24-02-09 \\
& 15-71-02-07 \\
& 15-71-06-01
\end{aligned}
$$

Table 14. Traditional commodity price indexes based on the movement of corresponding indexes from the Producer Price Index Revision, effective July 1989

Commodity code
02-62-01-06
02-62-01-21
02-62-01-31
02-62-05-02
02-62-05-03
02-62-05-05
02-62-05-06
02-62-05-09
02-62-05-11
02-62-05-19
02-62-06-09
04-21-01-02
04-41-01-28
04-41-01-32
10-42-01-49
10-42-01-51
10-42-01-78
10-42-01-79
10-42-01-83
10-88-02-17
10-88-02-19
10-88-02-23
10-88-06-21
10-88-06-35
10-88-07-99
10-88-09-55
10-88-09-99

11-35-03-32
11-45-02-09
11-49-05-26

PPIR code
208613111, 208614121, 20861.61.42

208611151
2086411
208611152, 208613112
208611153, 208612103,
208614123
208611155, 208613115
208611156, 208614126
208611157, 208613117, 208614127,
208616144, 2086421
208611258, 208614228, 208616425
208611259, 208614229, 208616247
2086171, 2086212, 2086222
3111115
31715, 31717
31725, 31728
342311324, 342311325, 342311327
342311112, 342311113
3423112, 3423115, 3423116, 3423117
3423251, 3423255, 3423283, 3423285, 3423298
3423311, 3423331,
3423381, 3423398
3315217, 3496715
3315219, 3496717
3315223
3315621, 3496621
3315635, 3496635
3315799, 3496461 ,
3496498
3315955, 3496855
3315971, 3315977, 3315998, 3496871, 3496875, 3496877, 3496898

3425335, 3425339
3568392, 3568394, 3568395, 3568399, 35683F
3562122, 3562123

Table 14. Traditional commodity price indexes based on the movement of corresponding indexes from the Producer Price Index Revision, effective July 1989-Continued

Commodity code

$$
\begin{aligned}
& 11-49-05-27 \\
& 11-63-05-25 \\
& 11-95-01-12 \\
& \\
& 13-21-01-11 \\
& 13-21-01-21
\end{aligned}
$$

14-42-02-02
15-22-01-01
15-24-01-05

## PPIR code

3562125
3425219
3592255
14425
1422P, 1423P, 1429P

374336, 3743363
2121312
21411

Table 15. New items in the Producer Price index based on the movement of corresponding indexes from the Producer Price index Revision, effective Juiy 1989

Commodity code

$$
02-52-01-02
$$

$$
06-79-06-09
$$

$$
10-42-01-67
$$

$$
10-88-01-41
$$

$$
11-35-03-28
$$

$$
11-45-02-11
$$

$$
11-49-05-39
$$

$$
11-95-01-07
$$

$$
11-95-01-08
$$

$$
11-95-01-09
$$

$$
11-95-01-22
$$

$$
11-95-01-26
$$

$$
12-14-01-21
$$

$$
13-22-01-61
$$

$$
15-22-01-05
$$

$$
15-24-02-07
$$

$$
15-24-03-01
$$

$$
15-71-09-01
$$

## Title

PPIR cod
Cane sugar byproducts 20612
All other gum and wood chemicals 2861299

Handsaws and handsaw blades 34251
Wire forms 3496141
Circular saw blades ..... 3425331
Universal joints, ball joints, drives, ..... 3568389,and shafts3568393
Other ball bearings ..... 3562151
Parts for carburetors ..... 3592172
Pistons for motor vehicles ..... 3592221
Pistons, not for motor vehicles ..... 3592223
Valves (intake and exhaust) for motor vehicles ..... 3592361
Piston pins3592259
Conventional waterbed ..... 25158
Portland and other cements ..... 32413
Cigars (weighing more than 10 pounds per 1000) ..... 2121314manufacturing2141227
Reconstituted tobacco (processed sheet andhomogenized)21413
Other industrial safety devices

Table 16. Community groupings introduced into the Producer Price Index, effective July 1989

Commodity code
Title

15-24-03 Reconstituted tobacco (processed sheet and homogenized)
15-71-09
Other industrial safety devices

## Brief Explanation of Producer Price Indexes

Producer price indexes (PPI) measure average changes in prices received by domestic producers of commodities in all stages of processing. Most of the information used in calculating the indexes is obtained through the systematic sampling of nearly every industry in the manufacturing and mining sectors of the economy. The PPI program also includes some information from other sectors-agriculture, fishing, forestry, services, and gas and electricity. Because producer price indexes are designed to measure only the change in prices received for the output of domestic industries, imports are not included. The sample currently contains about 3,100 commodities and 75,000 quotations per month.
There are three primary systems of indexes within the PPI program: (1) Stage-of-processing indexes; (2) commodity indexes; and (3) indexes for the net output of industries and their products. The stage-of-processing structure (table 1) organizes products by class of buyer and degree of fabrication. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products (table 5). The commodity structure (table 6) organizes products by similarity of end-use or material composition.
Within the stage-of-processing system, finished goods are commodities that will not undergo further processing and are ready for sale to the final demand user, either an individual consumer or business firm. Consumer foods include unprocessed foods such as eggs and fresh vegetables, as well as processed foods such as bakery products and meats. Other finished consumer goods include durable goods such as automobiles, household furniture, and appliances, and nondurable goods such as apparel and home heating oil. Capital equipment includes producer durable goods such as heavy motor trucks, tractors, and machine tools.
The stage-of-processing category for intermediate materials, supplies, and components consists partly of commodities that have been processed but require further processing. Examples of such semifinished goods include flour, cotton yarn, steel mill products, and lumber. The intermediate goods category also encompasses nondurable, physically complete items purchased by business firms as inputs for their operations. Examples include diesel fuel, belts and belting, paper boxes, and fertilizers.

Crude materials for further processing are products entering the market for the first time that have not been manufacturered or fabricated and that are not sold directly to consumers. Crude foodstuffs and feedstuffs include items such as grains and livestock. Examples of crude nonfood materials include raw cotton, crude petroleum, coal, hides and skins, and iron and steel scrap.

The illustration shows examples of how products are classified by stage of processing.


Producer price indexes for the net output of industries and their products are grouped according to the Standard Industrial Classification (SIC) and the Census product code extension of the SIC. Industry price indexes are compatible with other economic time series organized by SIC codes, such as data on employment, wages, and productivity. Table 4 lists indexes for the net output of major mining and manufacturing industry groups at the 2 -digit level. Table 5 includes data for SIC industries and industry groups (2-,3-, and 4-digit levels); indexes for Census product classes ( 5 - and 6 -digit levels), products (7-digit level), and more detailed subproducts (9-digit level); and, for some industries, indexes for other sources of revenue.

Indexes may be represented by one to three kinds of product indexes. Every industry has primary product indexes to show changes in prices received by establishments classi-
fied in the industry for products made primarily, but not always exclusively, within the industry. The industry classification of an establishment is determined by which products comprise a plurality of its total shipment value. In addition, some industries also may have secondary product indexes that show changes in prices received by establishments classified in the industry for products primary to some other industry. Finally, some industries have miscellaneous receipts indexes to show price changes in other sources of revenue received by establishments within the industry that are not derived from sales of their products, e.g., resales of purchased materials, or revenues from parking lots owned by a manufacturing plant.
Some product indexes published in table 5 correspond to 8 -digit commodity indexes in table 6 . In these cases, movement of the latter indexes are calculated on the basis of movements of their counterparts in table 5. Although most such indexes continue to be published in table 6 on a base period of $1982=100$ or some later base, corresponding indexes in table 5 are published on a base of the month of their introduction. Even though index levels for corresponding items may differ, monthly percent changes will be identical. (See "Calculating Index Changes," below.)
Producer price indexes are based on selling prices reported by establishments of all sizes selected by probability sampling, with the probability of selection proportionate to size. Individual items and transaction terms from these firms are also chosen by probability proportionate to size. BLS strongly encourages cooperating companies to supply actual transaction prices at the time of shipment to minimize the use of list prices. Prices are normally reported by mail questionnaire for the Tuesday of the week containing the 13th.
Price data are provided on a voluntary and confidential basis; no one but sworn bls employees are allowed access to individual company price reports. The Bureau publishes price indexes instead of unit dollar prices. All producer price indexes are routinely subject to revision once, 4 months after original publication, to reflect the availability of late reports and corrections by respondents.
Net output values of shipments are used as weights for industry indexes. Net output values refer to the value of shipments from establishments in one industry to establishments classified in another industry. However, weights for commodity price indexes are based on gross shipment values, including shipment values between establishments within the same industry. As a result, broad commodity grouping indexes such as the all commodities index are affected by the multiple counting of price change at successive stages of processing, which can lead to exaggerated or misleading signals about inflation. Stage-of-processing indexes partially correct this defect, but industry indexes consistently correct for this at all levels of aggregation. Therefore, industry and stage-of-processing indexes are more appropriate than broad commodity groupings for economic analysis of general price trends. Weights for most traditional commodity groupings of the PPI, as well as all indexes (such as stage-of-processing
indexes) calculated from traditional commodity groupings, currently reflect 1982 values of shipments as reported in the Census of Manufactures and other sources. From January 1976 through December 1986, PPI weights were derived from 1972 shipment values. Industry indexes, which are based on the SIC system, continue to be calculated with 1977 net output weights.

Effective with publication of January 1988 data, many important PPI series (including all stage-of-processing groupings and most commodity groups and individual items) were placed on a new reference base, $1982=100$, to coincide with the reference year of shipment weights. From 1971 through 1987, the standard reference base for most PPI series was $1967=100$. Except for rounding differences, the shift to the new reference base did not alter previously published percent changes for affected PPI series. (See "Calculating Index Changes," below.) The new reference base is not used for indexes with a base later than December 1981, nor for indexes for the net output of industries and their products.

For further information on the underlying concepts and methodology of the Producer Price Index, see chapter 16, "Producer Prices," in BLS Handbook of Methods (1988), Bulletin 2285. Reprints are available from the Bureau of Labor Statistics on request (202-523-1221).

## Calculating Index Changes

Movements of price indexes from one month to another are usually expressed as percent changes rather than as changes in index points because index point changes are affected by the level of the index in relation to its base period, while percent changes are not. The box shows the computation of index point and percent changes.

| $\quad$ Index Point Change |  |
| :--- | ---: |
|  |  |
| Finished Goods Price Index |  |
| Less previous index | 107.5 |
| Equals index point change | 104.0 |
|  | 3.5 |
| Index Percent change |  |
| Index point change |  |
| Divided by the previous index | 3.5 |
| Equals | 104.0 |
| Result multiplied by 100 | 0.034 |
| Equals percent change | $0.034 \times 100$ |
|  | 3.4 |

Percent changes for 3-month and 6-month periods can be expressed as annual rates that are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the rate for a given 3- or 6-month span were maintained for a 12-month period.

Each index measures price changes from a reference period which equals 100.0 (1982 or some later month). An increase of 5.5 percent from the reference period in the Finished

Goods Price Index, for example, is shown as 105.5. This change can also be expressed in dollars as follows: "Prices received by domestic producers of a systematic sample of finished goods have risen from $\$ 100$ in 1982 to $\$ 105.50$ today." Likewise, a current index of 90.0 would indicate that prices received by producers of finished goods today are 10 percent lower than they were in 1982.

## Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, the Bureau of Labor Statistics publishes seasonally adjusted as well as unadjusted changes each month.

Seasonally adjusted data are preferred for analyzing general price trends in the economy because they eliminate the effect of changes that normally occur at about the same time and in about the same magnitude every year-such as price movements resulting from normal weather patterns, regular production and marketing cycles, model changeovers, seasonal discounts, and holidays. For these reasons, seasonally adjusted data more clearly reveal underlying cyclical trends.

Unadjusted data are of primary interest to users who need information which can be related to actual dollar values of transactions. Individuals requiring this information include marketing specialists, purchasing agents, budget and cost analysts, contract specialists, and commodity traders. It is the unadjusted data that are generally cited in escalating longterm contracts such as purchasing agreements or real estate leases. (See Escalation and Producer Price Indexes: A Guide for Contracting Parties, bls Report 570, available on request from BLS.)

Seasonal factors used in computing seasonally adjusted indexes are derived from the X-11 Seasonal Adjustment

Method. Annual updates replace the most recent 5 years of seasonal data, e.g., data from January 1983 through December 1987 were replaced at the beginning of 1988 . Indexes for most broad commodity groupings and 8 -digit individual commodities in table 6 , as well as industry and Census product indexes in tables 4 and 5, do not undergo the seasonal adjustment process and, therefore, are published only as unadjusted data.

Some indexes are adjusted directly, independently of the seasonal movements of other more detailed series comprising the category in question. This is the case for all indexes in table 6 which are adjusted, as well as for certain basic stage-of-processing categories in table 1 . Seasonal movements for most stage-of-processing indexes are derived indirectly by the aggregate method, which combines seasonal movements of the basic stage-of-processing categories with those of a wide variety of food and certain other subproduct class (6-digit level) series.
Direct seasonal adjustment produces a more complete elimination of seasonal movements than the aggregative method does. However, the direct seasonal adjustment process does not yield figures that possess additive consistency. Thus, a seasonally adjusted index for a broad category that is directly adjusted may not be logically consistent with all seasonally adjusted indexes for its components. Seasonally adjusted data can also become problematic when previously stable and predictable timing patterns of pricing behavior abruptly change. If the new timing pattern persists, the seasonal adjustment method will eventually reflect it adequately; if these patterns keep shifting, however, seasonally adjusted data will be chronically troublesome. This problem occurs relatively infrequently for farm and food-related products but has more often affected manufactured products such as automobiles and steel.
For more information, see "Appendix A: Seasonal Adjustment Methodology at BLS," in BLS Handbook of Methods (1988), Bulletin 2285.

## Bureau of Labor Statistics Regional Offices



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U.S. Department of Labor

Bureau of Labor Statistics
Washington, D.C. 20212
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[^0]:    Craig Howell and Roger Burns are economists in the Office of Prices and Living Conditions, Bureau of Labor Statistics.

[^1]:    ${ }^{1}$ Comprehensive relative importance figures are computed once each year in December.
    ${ }^{2}$ Data for March 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.
    ${ }^{3}$ Not seasonally adjusted.
    ${ }^{4}$ Includes crude petroleum.

[^2]:    See footnotes at end of table.

[^3]:    All data are subject to revision 4 months after onginal publication.
    2 Not seasonally adjusted.

[^4]:    See footnotes at end of table.

[^5]:    See footnotes at end of table.

[^6]:    See footnotes at end of table.

[^7]:    See footnotes at end of table.

