

## Nonproduction Group Leads Rise In Manufacturing Jobs

The structure of employment in manufacturing has been undergoing a significant change in recent years as between production and nonproduction workers, according to data compiled by the U. S. Bureau of Labor Statistics.

The figures show that the rise in manufacturing employment in the period since the end of World War II has been dominated by the nonproduction classification, embracing a diversified group running from executives through research personnel to clerical staffs. Of the 1.6 million persons added to manufacturing payrolls between 1945 and 1956, 1.3 million, or four out of every five, have been in the nonproduction group.

gaged in fabricating, processing, assembling, inspecting, storing, handling, packing, warehousing, and shipping. It also includes in this group those engaged in such tasks as maintenance, repair, janitorial and watchman services, and other jobs immediately associated with production operations.

Nonproduction workers are classified as those engaged in executive, purchasing, finance, accounting, legal, personnel, cafeteria, medical professional and technical activities, sales, sales delivery, advertising, credit, collection, installation and product servicing, routine office functions, factory supervision, and construction if on the firm's own payroll.

### Variation In Industries

The B.L.S. study shows that the increase in the number of proportion of nonproduction workers has been widespread, taking place in each of the 21 major industry groups in manufacturing. There are marked variations, however, from industry to industry, ranging from a ratio of 8.7 per cent for nonproduction workers to total employment in textile mills to 36.6 per cent in ordnance, the latter reflecting the large number of research and development workers employed.

In general, the biggest gains in the nonproduction payroll in recent years occurred in industries like chemicals, petroleum, and transportation equipment which have made the biggest investments in plant and equipment expansion and spend the most on research and development.

The record of the last 38 years, from 1919 to date, shows that the number of nonproduction workers in manufacturing seldom exceeded 2 million prior to 1940 and usually ran around 19 per cent of all employment in manufacturing. During World War II, with its overriding emphasis on production for the Armed Forces and consequent subordination of the civilian economy, the number of production workers rose rapidly reaching a peak of more than 15 million in 1943. The number of nonproduction workers edged up at the same time, but their proportion of total employment in manufacturing fell to the lowest figure for which records are available. Since the end of the war, nonproduction workers have shown a virtually uninterrupted rise, in contrast with the relative stability in the production sector.

### Reflects General Trend

As a result, the number of nonproduction workers rose to a record high of more than 3.7 million last year. This was the equivalent of 22 per cent of all persons employed in manufacturing, a proportion seldom approximated in the past. The number of production workers came to 13.2 million in 1956, and has fluctuated in a comparatively narrow range in recent years.

This shift in the composition of jobs in manufacturing is in line with the long-term trend of employment throughout the economy, with the white collar worker catching up with and passing the blue collar classification as the biggest single group in the working population.

On the manufacturing front, it reflects a combination of special developments over the past decade highlighted by vast increases in record-keeping required by our changing technology, the great emphasis on research and development, and the armies of employees needed to handle and keep data on such matters as fringe benefits, pension and retirement programs, personnel and labor relations, and the reports constantly demanded by various Government bodies for informational, fiscal and regulatory purposes.

### Bearing on Productivity

This trend in the structure of employment in manufacturing and in business and industry in general focuses increasing attention on the productivity of the economy in view of rising inflationary pressures and living costs, in which rising production cost factors play such a big role.

The Bureau of Labor Statistics defines production workers as all non-supervisory employees en-



## SAVORY RICE-STUFFED TOMATOES

The stuffing for this delectable vegetable main dish is made of fluffy, hot, white rice, sharp cheese and juicy minced onions combined with delicate herb seasonings—marjoram (from France or Chile) and oregano (from Italy or Mexico). (Available at your grocer's of course.) Fill ripe red tomato shells with this nutritious mixture and top with buttered crumbs. Serve Savory Rice-Stuffed Tomatoes as a main course, and round out the menu with tossed green salad, apricot muffins and cool lemon parfait.

6 large, firm, ripe tomatoes  
1 teaspoon salt  
1/4 cup minced onions  
2 tablespoons butter or margarine  
1/2 cup milk  
2 cups grated sharp cheese  
2 cups hot cooked rice

1/2 teaspoon marjoram  
1/2 teaspoon oregano  
1/4 cup buttered crumbs

Cut a slice off top of each tomato. Scoop out center, leaving only a shell. Sprinkle insides with 1/2 teaspoon of the salt. Invert and let drain about 15 minutes.

Cook onions in butter until soft. Add milk and heat thoroughly. Remove from heat. Add cheese, rice, seasonings, and remaining salt. Toss lightly until cheese is melted.

Fill tomatoes with cheese-rice mixture. Sprinkle top with crumbs. Set in baking pan that has about 1/2 inch of water in bottom.

Bake in moderate oven (350°) about 30 minutes, or until bubbly and crumbs are lightly browned. Yields six servings.

a convenient place?

Are flues, pipes and chimneys inspected regularly?

Are you sure matches, cigarettes, pipe ashes are out before discarding?

Do you prohibit smoking in bed?

Do you store all firearms, dismantled and unloaded, out of the reach of children?

**Safe Disposal Of Old Refrigerators**—Refrigerator manufacturers suggest these precautions be taken with any discarded refrigerators in your community.

Remove the door. There are two basic types of hinges. The older pin type is fairly easy to dismantle by removing pin. The newer lock hinge type is a little more difficult to remove, but a man can successfully break it apart with a heavy mallet. When it seems impossible to remove the door, puncture the door and side walls to allow ventilation. This can be done with a spike and hammer, or by using a brace and bit with 200-300 pounds pressure. But the safest thing is to dispose of old refrigerators.

**Popular Pickles Peaches**—As a relish, pickled peaches are popular and now's the time to get out your favorite recipe and pickle peaches for winter use. Or, you may wish to try this recipe recommended by Iola Pritchard, food conservation specialist with the

Agricultural Extension Service at N. C. State College, Raleigh. Select one-half bushel of firm, ripe peaches—absolutely sound. Peel by hand as smoothly as possible. Boil for 5 minutes 1 gallon vinegar, 10 pounds of granulated sugar, and spices (1 ounce cloves, 3 sticks cinnamon tied in a bag). To boiling vinegar, sugar and spices add one-fourth quantity of peaches at a time; allow to remain for 1 minute, but not until soft; remove from fire, place in large jar, and when all have been scalded, pour over them sufficient boiling vinegar to cover well. Seal the jar. Let pickle stand for 6 weeks before packing in commercial jars. Remove the spice bag after 3 weeks. Process packed jars for 15 minutes in boiling water bath.

### Peach Milk Sherbert

4 cups whole milk  
1 1/2 cups sugar  
1/4 cup water  
1 1/2 cups peach pulp  
1 tablespoon lemon juice  
1/8 teaspoon salt

Make a syrup by heating sugar and water together, then cool. Mix all ingredients and freeze. Stir several times during the freezing. If a hand freezer is used, freeze the sweetened milk to a mush before adding the peaches. This will keep fruit from settling at the bottom.

## Children's Socks

### Vary In Quality

Many times a homemaker has picked up two pairs of children's socks that looked alike, and then discovered they were priced differently. If she bought the cheaper one, she may have been disappointed.

According to Mary Em Lee, Agricultural Extension Service clothing specialist at State College, there's a big difference in the quality of socks and how long they'll last, even if they do look alike.

Miss Lee explains that it's best to pay more attention to the size, construction, and washability of children's socks than to the cost. She points out that any sock, regardless of the price, will wear out quickly if it's too small for the growing child's

foot.

Reinforcements in heels and toes, as well as color fastness, are factors which lengthen the life of children's socks.

Miss Lee cautions that mothers should make sure that the socks are approximately 1/2 inch longer than the child's foot after it's laundered, and even a well-made sock will shrink some when laundered.

You may glean knowledge by reading, but you must separate the chaff from the wheat by thinking. —Francis Osborn.

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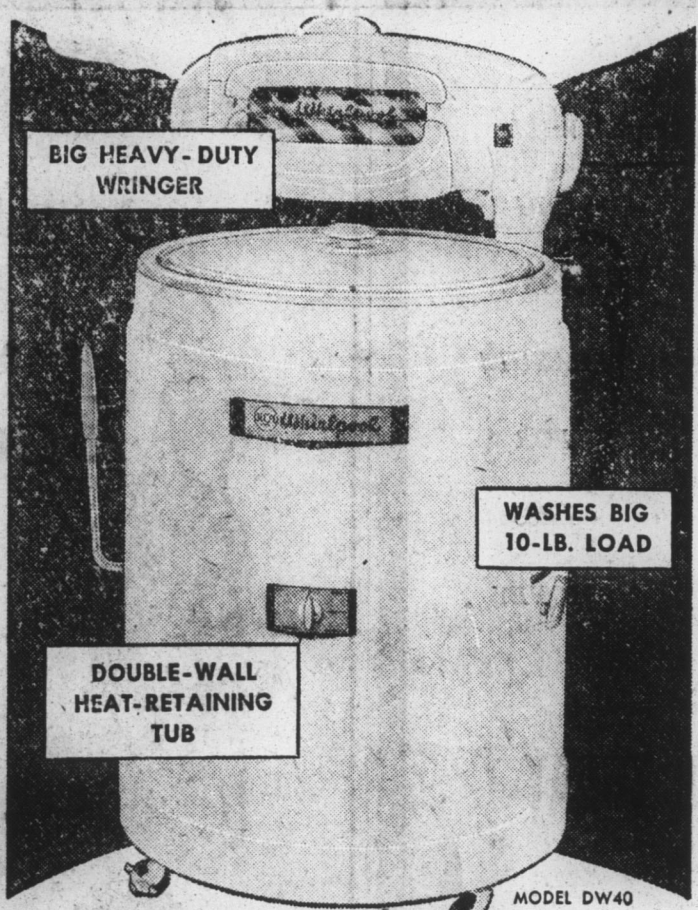
Are railings and banisters to stairways sound and in good repair?

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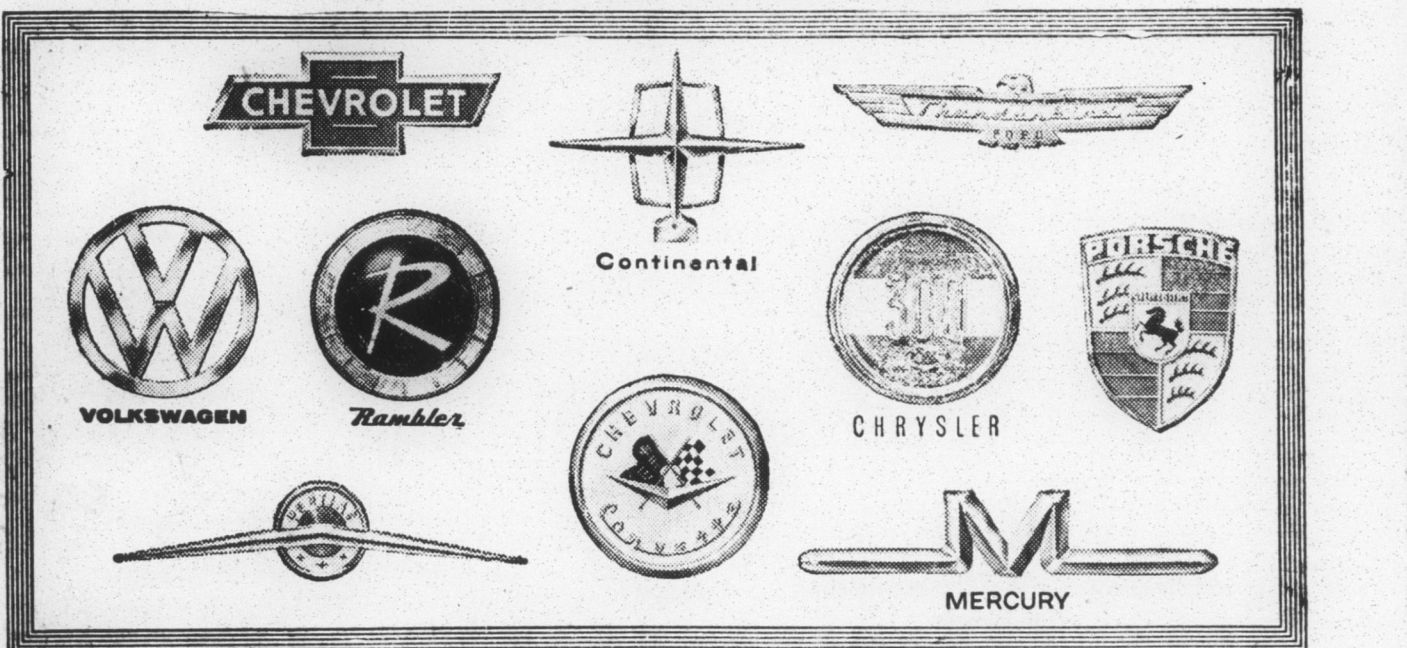
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