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The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials, such as lubricating oils, plastics resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be finished in the sense that it is ready for utilization or consumption, or it may be semifinished to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by copper wire mills; and copper wire is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

There are numerous borderline cases between manufacturing and other divisions of the classification system. Specific instances will be found in the descriptions of the individual industries. The following activities, although not always considered as manufacturing, are so classified:

Milk bottling and pasteurizing;

Fresh fish packaging (oyster shucking, fish filleting);

Apparel jobbing (assigning of materials to contract factories or shops for fabrication or other contract operations) as well as contracting on materials owned by others;

Publishing;

Ready-mixed concrete production;

Leather converting;

Logging;

Wood preserving;

Various service industries to the manufacturing trade, such as typesetting, engraving, plate printing, and preparing electrotyping and stereotype plates, but not blueprinting or photocopying services;

Electroplating, plating, metal heat treating, and polishing for the trade;

Lapidary work for the trade;

Fabricating of signs and advertising displays.

There are also some manufacturing-type activities performed by establishments which are primarily engaged in activities covered by other divisions, and are, thus, not classified as manufacturing. A few of the more important examples are:

Agriculture, Forestry, and Fishing. Processing on farms is not considered manufacturing if the raw materials are grown on the farm and if the manufacturing activities are on a small scale without the extensive use of paid labor. Other exclusions are threshing and cotton ginning.

Mining. The dressing and beneficiating of ores; the breaking, washing, and grading of coal; the crushing and breaking of stone; and the crushing, grinding, or otherwise preparing of sand, gravel, and nonmetallic chemical and fertilizer minerals other than barite are classified in Mining.

Construction. Fabricating operations performed at the site of construction by contractors are not considered manufacturing, but the prefabrication of sheet metal, concrete, and terrazzo products and similar construction materials is included in the Manufacturing Division.

Wholesale and Retail Trade. Establishments engaged in the following types of operations are included in Wholesale or Retail Trade: cutting and selling purchased carcasses; preparing feed at grain elevators and farm supply stores; stemming leaf tobacco at wholesale establishments; and production of wiping rags. The breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals, is also classified as Wholesale or Retail Trade. Also included in Retail Trade are establishments primarily engaged in selling, to the general public, products produced on the same premises from which they are sold, such as bakeries, candy stores, ice cream parlors, and custom tailors.


Services. Tire retreading and rebuilding, sign painting and lettering shops, computer software production, and the production of motion picture films (including video tapes) are classified in Services. Most repair activities are classified as Services. However, some repair activity such as shipbuilding and boatbuilding and repair, the rebuilding of machinery and equipment on a factory basis, and machine

shop repair are classified as manufacturing.

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This major group includes establishments engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or related materials. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; musical instruments, toys and playground equipment, and caskets are classified in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries. Establishments engaged in integrated operations of logging combined with sawmills, pulp mills, or other converting activity, with the logging not separately reported, are classified according to the primary product shipped.

Industry Group 241: Logging

- 2411 [Logging](#)

Industry Group 242: Sawmills And Planing Mills

- 2421 [Sawmills and Planing Mills, General](#)
- 2426 [Hardwood Dimension and Flooring Mills](#)
- 2429 [Special Product Sawmills, Not Elsewhere Classified](#)

Industry Group 243: Millwork, Veneer, Plywood, And Structural Wood

- 2431 [Millwork](#)
- 2434 [Wood Kitchen Cabinets](#)
- 2435 [Hardwood Veneer and Plywood](#)
- 2436 [Softwood Veneer and Plywood](#)
- 2439 [Structural Wood Members, Not Elsewhere Classified](#)

Industry Group 244: Wood Containers

- 2441 [Nailed and Lock Corner Wood Boxes and Shook](#)
- 2448 [Wood Pallets and Skids](#)
- 2449 [Wood Containers, Not Elsewhere Classified](#)

Industry Group 245: Wood Buildings And Mobile Homes

- 2451 [Mobile Homes](#)
- 2452 [Prefabricated Wood Buildings and Components](#)






Industry Group 249: Miscellaneous Wood Products

- 2491 [Wood Preserving](#)
- 2493 [Reconstituted Wood Products](#)
- 2499 [Wood Products, Not Elsewhere Classified](#)

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<u>Division D: Manufacturing</u> <u>Major Group 24: Lumber And Wood Products, Except Furniture</u>	
<u>Industry Group 241: Logging</u>	
<u>2411 Logging</u>	
<p>Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials, or in producing wood chips in the field. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Establishments primarily engaged in the collection of bark, sap, gum, and other forest products are classified in Forestry, Major Group 08.</p>	
<ul style="list-style-type: none"> ■ Bolts, wood: e.g., handle, heading, shingle, stave ■ Burls, wood ■ Driving timber ■ Fuel wood harvesting ■ Last blocks, wood: hewn or riven ■ Logging contractors ■ Logs ■ Mine timbers, hewn ■ Peeler logs ■ Pickets and piling: round or split ■ Piling, wood: untreated ■ Pole cutting contractors ■ Poles, wood: untreated ■ Posts, wood: hewn, round, or split ■ Pulpwood camps ■ Pulpwood contractors engaged in cutting ■ Rails fence: round or split ■ Saw logs ■ Skidding logs ■ Stumping for turpentine or powder manufacturing ■ Stumps ■ Timber (product of logging camps) ■ Veneer logs ■ Wood chips, produced in the field 	
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[Major Group 24: Lumber And Wood Products, Except Furniture](#)

[Industry Group 242: Sawmills And Planing Mills](#)

2421 Sawmills and Planing Mills, General

Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and flitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties and in producing tobacco hogshead stock, wood chips, and snow fence lath. Establishments primarily engaged in manufacturing box shooks or boxes are classified in Industry Group 244; those manufacturing Bash, doors, wood molding, window and door frames, and other fabricated millwork are classified in Industry Group 243; and those manufacturing hardwood dimension and flooring are classified in Industry 2426.

- Cants, resawed (lumber)
- Ceiling lumber, dressed
- Chipper mills
- Custom sawmills
- Cut stock, softwood
- Flitches (veneer stock), made in sawmills
- Flooring (dressed lumber), softwood
- Fuelwood, from mill waste
- Furniture dimension stock, softwood
- Kiln drying of lumber
- Lath, made in sawmills and lathmills
- Lumber stacking or sticking
- Lumber: rough, sawed, or planed
- Planing mills, independent: except millwork
- Resawing lumber into smaller dimensions
- Sawdust and shavings
- Sawmills, except special product mills
- Siding, dressed lumber
- Silo stock, wood: sawed
- Snow fence lath
- Stud mills
- Ties, railroad: sawed
- Tobacco hogshead stock
- Wood chips produced at mill

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