871—23.82(96) Definition of construction employer.

23.82(1) Construction. The department will utilize the North America Industry Classification System manual (2017 edition) to determine which employers will be classified as construction. The manual is available on the Internet to view or download at www.census.gov/eos/www/naics.

a. The construction sector is comprised of establishments primarily engaged in the construction of buildings and other structures, heavy construction (except buildings), additions, alterations, reconstruction, installation, and maintenance and repairs. Establishments engaged in demolition or wrecking of buildings and other structures, clearing of building sites, and sale of materials from demolished structures are also included. This sector also includes those establishments engaged in blasting, test drilling, landfill, leveling, earthmoving, excavating, land drainage, and other land preparation. The industries within this sector have been defined on the basis of their unique production processes. As with all industries, the production processes are distinguished by their use of specialized human resources and specialized physical capital. Construction activities are generally administered or managed at a relatively fixed place of business, but the actual construction work is performed at one or more different project sites. Employers that provide workers primarily for construction will be classified as construction employers.

b. This sector is divided into three subsectors of construction activities: (1) building construction and land subdivision and land development; (2) heavy construction (except buildings), such as highways, power plants, and pipelines; and (3) construction activity by special trade contractors.

c. Establishments classified in Subsector 233, Building, Developing, and General Contracting, and Subsector 234, Heavy Construction, usually assume responsibility for an entire construction project, and may subcontract some or all of the actual construction work. Operative builders who build on their own account for sale and land subdividers and land developers, who engage in subdividing real property into lots for sale, are included in Subsector 233, Building, Developing, and General Contracting. (Special trade contractors are included in Subsector 234, Heavy Construction, if they are engaged in activities primarily relating to heavy construction, such as grading for highways.) Establishments included in these subsectors operate as general contractors, design-builders, engineer-contractors, joint-venture contractors, and turnkey construction contractors. Establishments identified as construction management firms are also included.

d. Establishments classified in Subsector 235, Special Trade Contractors, are primarily engaged in specialized construction activities, such as plumbing, painting, and electrical work, and work for builders and general contractors under subcontract or directly for project owners. Establishments engaged in demolition or wrecking of buildings and other structures, dismantling of machinery, excavating, shoring and underpinning, anchored earth retention activities, foundation drilling, and grading for buildings are also included in this subsector.

e. “Force account” construction is construction work performed by an establishment primarily engaged in some business other than construction, for its own account and use, and by employees of the establishment. This activity is not included in this industry sector unless the construction work performed is the primary activity of a separate establishment of the enterprise.

f. The installation of prefabricated building equipment and materials, such as elevators and revolving doors, is classified in the construction sector. Installation work incidental to sales by employees of a manufacturing or retail establishment is classified as an activity of those establishments.

23.82(2) The term “construction” includes, but is not limited to:

a. Land subdividing and land development. Establishments primarily engaged in subdividing real property into lots or developing lots for sale.

b. Residential building construction.

1. Single-family housing construction. Establishments primarily responsible for the entire construction (i.e., new work, additions, alterations, and repairs) of single-family residential housing units.

Building alterations, single-family—general contractors
Building construction, single-family—general contractors
Custom builders, single-family houses—general contractors
Designing and erecting, combined: single-family houses—general contractors
Home improvements, single-family—general contractors
House construction, single-family—general contractors
House: shell erection, single-family—general contractors
Mobile home repair, on site—general contractors
Modular housing, single-family (assembled on site)—general contractors
One-family house construction—general contractors
Prefabricated single-family houses erection—general contractors
Premanufactured housing, single-family (assembled on site)—general contractors
Remodeling buildings, single-family—general contractors
Renovating buildings, single-family—general contractors
Repairing buildings, single-family—general contractors
Residential construction, single-family—general contractors
Row house (single-family) construction—general contractors
Town house construction—general contractors
(2) Multifamily housing construction. Establishments primarily responsible for the entire
construction (i.e., new work, additions, alterations and repairs) of multifamily residential housing units.
Apartment building construction—general contractors
Building alterations, residential: except single-family—general contractors
Building construction, residential: except single-family—general contractors
Custom builders, residential: except single-family—general contractors
Designing and erecting, combined: residential, except single-family—general contractors
Dormitory construction—general contractors
Home improvements, residential: except single-family—general contractors
Prefabricated building erection, residential: except single-family—general contractors
Remodeling buildings, residential: except single-family—general contractors
Renovating buildings, residential: except single-family—general contractors
Repairing buildings, residential: except single-family—general contractors
Residential construction, except single-family—general contractors
c. Nonresidential building construction.
(1) Manufacturing and industrial building construction. Establishments primarily responsible for
the entire construction (i.e., new work, additions, alterations and repairs) of manufacturing and industrial
buildings.
Building alterations, industrial and warehouse—general contractors
Building components manufacturing plant construction—general contractors
Building construction, industrial and warehouse—general contractors
Clean room construction—general contractors
Cold storage plant construction—general contractors
Commercial warehouse construction—general contractors
Custom builders, industrial and warehouse—general contractors
Designing and erecting, combined: industrial—general contractors
Dry cleaning plant construction—general contractors
Factory construction—general contractors
Food products manufacturing or packing plant construction—general contractors
Grain elevator construction—general contractors
Industrial building construction—general contractors
Industrial plant construction—general contractors
Paper pulp mill construction—general contractors
Pharmaceutical manufacturing plant construction—general contractors
Prefabricated building erection, industrial—general contractors
Remodeling buildings, industrial and warehouse—general contractors
Renovating buildings, industrial and warehouse—general contractors
Repairing buildings, industrial and warehouse—general contractors
Truck and automobile assembly plant construction—general contractors
Warehouse construction—general contractors

(2) Commercial and industrial building construction. Establishments primarily responsible for the entire construction (i.e., new work, additions, alterations and repairs) of commercial and industrial buildings.

Administration building construction—general contractors
Amusement building construction—general contractors
Auditorium construction—general contractors
Bank building construction—general contractors
Building alterations, nonresidential: except industrial and warehouses—general contractors
Building construction, nonresidential: except industrial and warehouses—general contractors
Casino construction—general contractors
Church, synagogue and related building construction—general contractors
Civic center construction—general contractors
Commercial building construction—general contractors
Custom builders, nonresidential: except industrial and warehouses—general contractors
Designing and erecting, combined: commercial—general contractors
Dome construction—general contractors
Farm building construction, except residential—general contractors
Fire station construction—general contractors
Garage construction—general contractors
Hospital construction—general contractors
Hotel construction—general contractors
Institutional building construction, nonresidential—general contractors
Mausoleum construction—general contractors
Motel construction—general contractors
Municipal building construction—general contractors
Museum construction—general contractors
Office building construction—general contractors
Passenger and freight terminal building construction—general contractors
Post office construction—general contractors
Prefabricated building erection, nonresidential: except industrial and warehouses—general contractors
Prison construction—general contractors
Remodeling buildings, nonresidential: except industrial and warehouses—general contractors
Renovating buildings, nonresidential: except industrial and warehouses—general contractors
Repairing buildings, nonresidential: except industrial and warehouses—general contractors
Restaurant construction—general contractors
School building construction—general contractors
Service station construction—general contractors
Shopping center construction—general contractors
Silo construction, agricultural—general contractors
Stadium construction—general contractors
Store construction—general contractors

d. Highway, street, bridge and tunnel construction.

(1) Highway and street construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction, or repairs) of highways (except elevated), streets, roads, or airport runways, and establishments identified as highway and street construction management firms, and establishments identified as special trade contractors engaged in performing subcontract work primarily related to highway and street construction.

Airport runway construction—general contractors
(2) Bridge and tunnel construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction, or repairs) of bridges, viaducts, elevated highways and tunnels, and establishments identified as bridge and tunnel construction management firms, and establishments identified as special trade contractors primarily engaged in performing subcontract work related to bridge and tunnel construction.

Abutment construction—general contractors
Bridge construction—general contractors
Causeway construction on structural supports—general contractors
Highway construction, elevated—general contractors
Overpass construction—general contractors
Trestle construction—general contractors
Tunnel construction—general contractors
Underpass construction—general contractors
Viaduct construction—general contractors

e. Other heavy construction.

(1) Water, sewer, and pipeline construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction, rehabilitation or repairs) of water mains, sewers, drains, gas mains, natural gas pumping stations, and gas and oil pipelines, and establishments identified as water, sewer and pipeline construction management firms, and establishments identified as special trade contractors engaged in activities primarily related to water, sewer, and pipeline construction.

Aqueduct construction—general contractors
Conduit construction—contractors
Distribution lines (oil and gas field) construction—general contractors
Gas main construction—general contractors
Manhole construction—contractors
Natural gas compressing station construction—general contractors
Pipe laying—general contractors
Pipeline construction—general contractors
Pipeline wrapping—contractors
Pumping station construction—general contractors
Sewage collection and disposal line construction—general contractors
Sewer construction—general contractors
Water main line construction—general contractors

(2) Power and communication transmission line construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction, rehabilitation or repairs) of electric power and communication transmission lines and towers, radio and television transmitting/receiving towers, cable laying, and cable television lines, and establishments identified as power and communication transmission line construction management firms, and establishments identified as
special trade contractors engaged in activities primarily related to power and communication line construction.

- Cable laying construction—contractors
- Cable television line construction—contractors
- Pole line construction—general contractors
- Power line construction—general contractors
- Telegraph line construction—general contractors
- Telephone line construction—general contractors
- Television and radio transmitting tower construction—general contractors
- Transmission line construction—general contractors

(3) Industrial nonbuilding structure construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction, rehabilitation or repairs) of heavy industrial nonbuilding structures, such as chemical complexes, or facilities, cement plants, petroleum refineries, industrial incinerators, ovens, kilns, power plants (except hydroelectric plants), and nuclear reactor containment structures, and establishments identified as industrial nonbuilding construction management firms, and establishments identified as special trade contractors engaged in activities primarily related to industrial nonbuilding construction.

- Chemical complex or facilities construction—general contractors
- Coke oven construction—general contractors
- Discharging station construction, mine—general contractors
- Furnace construction for industrial plants—general contractors
- Industrial incinerator construction—general contractors
- Industrial plant appurtenance construction—general contractors
- Kiln construction—general contractors
- Light and power plant construction—general contractors
- Loading station construction, mine—general contractors
- Mine loading and discharging station construction—general contractors
- Mining appurtenance construction—general contractors
- Nuclear reactor containment structure construction—general contractors
- Oil refinery construction—general contractors
- Oven construction, bakers’—general contractors
- Oven construction for industrial plants—general contractors
- Petrochemical plant construction—general contractors
- Petroleum refinery construction—general contractors
- Power plant construction—general contractors
- Tippie construction—general contractors
- Washeries construction, mining—general contractors

(4) All other heavy construction. Establishments primarily responsible for the entire construction (i.e., new work, reconstruction or repairs) of heavy nonbuilding construction projects (except highway, street, bridge, tunnel, water lines, sewer lines, pipelines, and power and communication transmission lines), and industrial nonbuilding structures, and establishments identified as all other heavy construction management firms, and establishments primarily engaged in construction equipment rental with an operator, and establishments identified as special trade contractors engaged in activities primarily related to all other heavy construction.

- Athletic field construction—general contractors
- Blasting, except building demolition—contractors
- Breakwater construction—general contractors
- Bridle path construction—general contractors
- Brush clearing or cutting—contractors
- Caisson drilling—contractors
- Canal construction—general contractors
- Channel construction—general contractors
Channel cutoff construction—general contractors
Clearing of land—general contractors
Cofferdam construction—general contractors
Cutting right-of-way—general contractors
Dam construction—general contractors
Dike construction—general contractors
Dock construction—general contractors
Drainage project construction—general contractors
Dredging—general contractors
Earthmoving, not connected with building construction—general contractors
Flood control project construction—general contractors
Golf course construction—general contractors
Harbor construction—general contractors
Heavy equipment rental with an operator—contractors
Hydroelectric plant construction—general contractors
Irrigation projects, construction—general contractors
Jetty construction—general contractors
Land clearing—contractors
Land drainage—contractors
Land leveling (irrigation)—contractors
Land reclamation—contractors
Levee construction—general contractors
Lock and waterway construction—general contractors
Marine construction—general contractors
Missile facilities construction—general contractors
Pier construction—general contractors
Pile driving—general contractors
Pond construction—general contractors
Railroad construction—general contractors
Railway roadbed construction—general contractors
Reclamation projects construction—general contractors
Reservoir construction—general contractors
Revetment construction—general contractors
Rock removal-underwater—contractors
Sewage treatment plant construction—general contractors
Ski tow erection—general contractors
Soil compacting service—contractors
Submarine rock-removal—general contractors
Subway construction—general contractors
Tennis court construction, outdoor—general contractors
Timber removal-underwater—contractors
Trail building—general contractors
Trailer camp construction—general contractors
Trenching—contractors
Waste disposal plant construction—general contractors
Water power project construction—general contractors
Water treatment plant construction—general contractors
Waterway construction—general contractors
Wharf construction—general contractors

f. Plumbing, heating and air conditioning contractors. Establishments primarily engaged in one or more of the following: (1) installing plumbing, heating, and air-conditioning equipment; (2) servicing plumbing, heating, and air-conditioning equipment; and (3) the combined activity of
selling and installing plumbing, heating, and air-conditioning equipment. The plumbing, heating, and air-conditioning work performed includes new work, additions, alterations, and maintenance and repairs.

- Air system balancing and testing—contractors
- Air conditioning, with or without sheet metal work—contractors
- Boiler cleaning—contractors
- Boiler erection and installation—contractors
- Drainage system installation (cesspool and septic tank)—contractors
- Dry well (cesspool) construction—contractors
- Fuel oil burner installation and servicing—contractors
- Furnace repair—contractors
- Gasline hookup—contractors
- Heating equipment installation—contractors
- Heating, with or without sheet metal work—contractors
- Lawn sprinkler system installation—contractors
- Mechanical contractors
- Piping, plumbing—contractors
- Plumbing and heating—contractors
- Plumbing repair—contractors
- Plumbing, with or without sheet metal work—contractors
- Solar heating apparatus—contractors
- Sprinkler system installation—contractors
- Steam fitting—contractors
- Sump pump installation and servicing—contractors
- Ventilating work, with or without sheet metal work—contractors
- Water pump installation and servicing—contractors
- Water system balancing and testing—contractors
- Work combined with heating or air conditioning—contractors

g. Painting and wall covering contractors. Establishments primarily engaged in interior or exterior painting and interior wall covering. The painting and wall covering work includes new work, additions, alterations, and maintenance and repairs.

- Bridge painting—contractors
- Electrostatic painting on site (including lockers and fixtures)—contractors
- House painting—contractors
- Painting of buildings and other structures, except roofs—contractors
- Paper hanging—contractors
- Ship painting—contractors
- Traffic lane painting—contractors
- Wallpaper removal—contractors
- Whitewashing—contractors

h. Electrical contractors. Establishments primarily engaged in one or more of the following: (1) performing electrical work at the site; (2) servicing electrical equipment at the site; and (3) the combined activity of selling and installing electrical equipment. The electrical work performed includes new work, additions, alterations, and maintenance and repairs.

- Cable splicing, electrical—contractors
- Cable television hookup—contractors
- Communication equipment installation—contractors
- Electric work—contractors
- Electrical repair at site of construction—contractors
- Electronic control system installation—contractors
- Highway lighting and electrical signal construction—contractors
- Intercommunication equipment installation—contractors
Sound equipment installation—contractors
Telecommunications equipment installation—contractors
Telephone and telephone equipment installation—contractors

i. Masonry, stone work, tile setting and plastering.

(1) Masonry and stone contractors. Establishments primarily engaged in masonry work, stone setting, and other stone work. The masonry work, stone setting and other stone work performed includes new work, additions, alterations, and maintenance and repairs.

- Bricklaying—contractors
- Cement block laying—contractors
- Chimney construction and maintenance—contractors
- Concrete block laying—contractors
- Foundations, building of: block, stone or brick—contractors
- Marble work, exterior construction—contractors
- Masonry—contractors
- Refractory brick construction—contractors
- Retaining wall construction: block, stone or brick—contractors
- Stone setting—contractors
- Stone work erection—contractors
- Tuck pointing—contractors

(2) Drywall, plastering, acoustical, and insulation contractors. Establishments primarily engaged in drywall, plaster work, acoustical and building insulation work. The drywall, plaster work, acoustical and insulation work performed includes new work, additions, alterations, and maintenance and repairs.

- Acoustical work—contractors
- Ceilings, acoustical installation—contractors
- Drywall construction—contractors
- Insulation installation, buildings—contractors
- Lathing—contractors
- Plastering, plain or ornamental—contractors
- Solar reflecting insulation film—contractors
- Stucco construction—contractors
- Taping and finishing drywall—contractors

(3) Tile, marble, terrazzo, and mosaic contractors. Establishments primarily engaged in (1) setting and installing ceramic tile, marble (interior only), terrazzo, and mosaic, or (2) mixing marble particles and cement to make terrazzo at the job site. The tile, marble, terrazzo, and mosaic work performed includes new work, additions, alterations, and maintenance and repairs.

- Fresco work—contractors
- Mantel work—contractors
- Marble installation, interior; including finishing—contractors
- Mosaic work—contractors
- Terrazzo work—contractors
- Tile installation, ceramic—contractors
- Tile setting, ceramic—contractors

j. Carpentry and floor contractors.

(1) Carpentry contractors. Establishments primarily engaged in framing, carpentry, and finishing work. The carpentry work performed includes new work, additions, alterations, and maintenance and repairs.

- Carpentry work—contractors
- Folding door installation—contractors
- Framing—contractors
- Garage door installation—contractors
- Joinery, ship—contractors
- Ship joinery—contractors
Store fixture installation—contractors
Trim and finish—contractors
Window and door (prefabricated) installation—contractors

(2) Floor laying and other floor contractors. Establishments primarily engaged in the installation of resilient floor tile, carpeting, linoleum, and wood or resilient flooring. The floor laying and other floor work performed includes new work, additions, alterations, and maintenance and repairs.
Asphalt tile installation—contractors
Carpet laying or removal service—contractors
Fireproof flooring construction—contractors
Floor laying, scraping, finishing and refinishing—contractors
Flooring, wood—contractors
Hardwood flooring—contractors
Linoleum installation—contractors
Parquet flooring—contractors
Resilient floor laying—contractors
Vinyl floor tile and sheet installation—contractors

k. Roofing, siding, and sheet metal contractors. Establishments primarily engaged in the installation of roofing, siding, sheet metal work, and roof drainage-related work, such as downspouts and gutters. The roofing, siding and sheet metal work performed includes new work, additions, alterations, and maintenance and repairs.
Architectural sheet metal work—contractors
Ceilings, metal; erection and repair—contractors
Coppersmithing, in connection with construction work—contractors
Downspout installation, metal—contractors
Duct work, sheet metal—contractors
Gutter installation, metal—contractors
Roof spraying, painting or coating—contractors
Roofing work, including repairing—contractors
Sheet metal work: except plumbing, heating or air conditioning—contractors
Siding—contractors
Skylight installation—contractors
Tinsmithing, in connection with construction work—contractors

l. Concrete contractors. Establishments primarily engaged in the use of concrete and asphalt to produce parking areas, building foundations, structures, and retaining walls and the use of all materials to produce patios, private driveways and private walks. The concrete work performed includes new work, additions, alterations, and maintenance and repairs.
Asphalting of private driveways and private parking areas—contractors
Blacktop work; private driveways and private parking areas—contractors
Concrete finishers—contractors
Concrete work: private driveways, sidewalks, and parking areas—contractors
Culvert construction—contractors
Curb construction—contractors
Foundations, building of: poured concrete—contractors
Grouting work—contractors
Gunite work—contractors
Parking lot construction—contractors
Patio construction, concrete—contractors
Sidewalk construction, except public—contractors

m. Water well drilling contractors. Establishments primarily engaged in drilling, tapping, and capping of water wells and geothermal drilling. The water well drilling work performed includes new work, additions, alterations, and maintenance and repairs.
Drilling water wells—contractors
Geothermal drilling—contractors
Servicing water wells—contractors
Well drilling, water: except oil or gas field water intake—contractors

n. Other special trade contractors.

(1) Structural steel erection contractors. Establishments primarily engaged in one or more of the following: (1) erecting metal, structural steel and similar products of prestressed or precast concrete to produce structural elements of building exterior, and elevator fronts; (2) setting rods, bars, rebar, mesh and cages to reinforce poured-in-place concrete; and (3) erecting cooling towers and metal storage tanks. The structural steel erection work performed includes new work, additions, alterations, reconstruction, and maintenance and repairs.

Building front installations, metal—contractors
Concrete products, structural precast or prestressed: placing of—contractors
Concrete reinforcement, placing of—contractors
Curtain wall installation—contractors
Elevator front installation, metal—contractors
Iron work, structural—contractors
Metal furring—contractors
Steel work, structural—contractors
Storage tanks, metal; erection—contractors
Storefront installation, metal—contractors

(2) Glass and glazing contractors. Establishments primarily engaged in installing glass or tinting glass. The glass work performed includes new work, additions, alterations, and maintenance and repairs.

Glass installation, except automotive—contractors
Glass work, except automotive—contractors
Glazing work—contractors
Tinting glass—contractors

(3) Excavation contractors. Establishments primarily engaged in preparing land for building construction. The excavation work performed includes new work, additions, alterations, and repairs.

Excavation work—contractors
Foundation digging (excavation)—contractors
Grading: except for highways, streets and airport runways—contractors

(4) Wrecking and demolition contractors. Establishments primarily engaged in wrecking and demolition of buildings and other structures.

Concrete breaking for streets and highways—contractors
Demolition of buildings or other structures, except marine—contractors
Dismantling steel oil tanks, except oil field work—contractors
Underground tank removal—contractors
Wrecking of building or other structures, except marine—contractors

(5) Building equipment and other machining installation contractors. Establishments primarily engaged in one or more of the following: (1) the installation or dismantling of building equipment, machinery or other industrial equipment; (2) machine rigging; and (3) millwrighting. The building equipment and other machinery installation work performed includes new work, additions, alterations, and maintenance and repairs.

Conveyor system installation—contractors
Dismantling of machinery and other industrial equipment—contractors
Dumbwaiter installation—contractors
Dust collecting equipment installation—contractors
Elevator installation, conversion, and repair—contractors
Incinerator installation, small—contractors
Installation of machinery and other industrial equipment—contractors
Machine rigging—contractors
Millwrights
Pneumatic tube system installation—contractors
Power generating equipment installation—contractors
R?volving door installation—contractors
Vacuum cleaning systems, built-in—contractors
(6) All other special trade contractors. Establishments primarily engaged in specialized
construction work. The other specialized work performed includes new work, additions, alterations,
and maintenance and repairs.
Antenna installation, except household type—contractors
Artificial turf installation—contractors
Awning installation—contractors
Bathtub refinishing—contractors
Boring for building construction—contractors
Bowling alley installation and service—contractors
Cable splicing service, nonelectrical—contractors
Caulking (construction)—contractors
Cleaning building exteriors—contractors
Cleaning new buildings after construction—contractors
Coating of concrete structures with plastic—contractors
Core drilling for building construction—contractors
Countertop installation—contractors
Dampproofing buildings—contractors
Dewatering—contractors
Diamond drilling for building construction—contractors
Epoxy application—contractors
Erection and dismantling of forms for poured concrete—contractors
Fence construction—contractors
Fire escape installation—contractors
Fireproofing buildings—contractors
Forms for poured concrete, erection and dismantling—contractors
Gas leakage detection—contractors
Gasoline pump installation—contractors
Glazing of concrete surfaces—contractors
Grave excavation—contractors
House moving—contractors
Insulation of pipes and boilers—contractors
Lead burning—contractors
Lightning conductor erection—contractors
Mobile home site setup and tie down—contractors
Ornamental metal work—contractors
Paint and wallpaper stripping—contractors
Plastic wall tile installation—contractors
Posthole digging—contractors
Sandblasting of building exteriors—contractors
Scaffolding construction—contractors
Service and repair of broadcasting stations—contractors
Service station equipment installation, maintenance and repair—contractors
Shoring and underpinning work—contractors
Spectator seating installation—contractors
Steam cleaning of building exteriors—contractors
Steeples—contractors
Swimming pool construction—contractors
Television and radio stations, service and repair of—contractors
Test boring for construction—contractors
Tile installation, wall: plastics—contractors
Waterproofing—contractors
Weatherstripping—contractors
Welding contractors, operating at site of construction
Window shade installation—contractors

23.82(3) The assignment of standard industrial codes. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Ideally, the principal product or service should be determined by its relative share of value added at the establishment. Since this is not possible for all sectors of the economy, the following should be used as a guide for determining industry codes:

<table>
<thead>
<tr>
<th>Division</th>
<th>Data Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, forestry and fishing (except agricultural services)</td>
<td>Value of production</td>
</tr>
<tr>
<td>Mining</td>
<td>Value of production</td>
</tr>
<tr>
<td>Construction</td>
<td>Value of production</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>Value of production</td>
</tr>
<tr>
<td>Transportation, communication, electric, gas and sanitary services</td>
<td>Value of receipts or revenues</td>
</tr>
<tr>
<td>Wholesale trade</td>
<td>Value of sales</td>
</tr>
<tr>
<td>Retail trade</td>
<td>Value of sales</td>
</tr>
<tr>
<td>Finance, insurance, and real estate</td>
<td>Value of receipts</td>
</tr>
<tr>
<td>Service (including agricultural services)</td>
<td>Value of receipts or revenues</td>
</tr>
<tr>
<td>Public administration</td>
<td>Employment or payroll</td>
</tr>
</tbody>
</table>

In some cases it will not be possible to determine even on an estimated basis the value of production or similar appropriate measure for each product or service. In other cases an industrial classification based on measures of output will not accurately reflect the importance of the diversified activities. In these cases, employment or payroll should be used in lieu of the normal basis for determining the primary activity and subsequent code assignment of the establishment.

This rule is intended to conform to federal changes in the North American Industry Classification System and implements Iowa Code sections 96.7(2), 96.7(3), 96.7(4) and 96.11(1).

[ARC 3529C, IAB 12/20/17, effective 1/24/18]