STEEL has been and will continue to be the driving force behind American innovation and manufacturing excellence.
A MESSAGE from AISI President and CEO Thomas J. Gibson

The American steel industry is essential to the health of our economy, strength of our national security and overall quality of life that Americans enjoy. In this Profile of the American Iron and Steel Institute 2019, you will learn why the steel industry is vital to America’s future. And you will also better understand what makes our industry a leader in sustainability, efficiency and productivity.

In the pages that follow, you will find a profile of the steel industry: who we are, the role we play in people’s lives and the economy, our commitment to sustainability and efficiency, and the achievements of our companies and their skilled workers. Steel’s strength and versatility have helped to establish it as America’s manufacturing material of choice ranging from skyscrapers and automobiles to the containers that protect our food supply. As an industry, we cannot allow the strides we have made in sustainability and innovation to be undermined by unfair trade practices and global steel overcapacity. The American Iron and Steel Institute continues to advocate for policies that ensure steel’s contributions remain the backbone of American industry.

Learn more about the steel industry and its rich history at www.steel.org. You can also follow us on Facebook or on Twitter (@AISISteel).

Sincerely,

THOMAS J. GIBSON
President and CEO, American Iron and Steel Institute (AISI)

Steel’s strength and versatility have helped to establish it as America’s manufacturing material of choice ranging from skyscrapers and automobiles to the containers that protect our food supply.
AISI’s Steelmark is the renowned brand to promote steel made in the Americas. The three hypocycloids mean: steel lightens your work, brightens your leisure and widens your world. They also represent the three materials used to produce steel: yellow for coal, orange for iron ore and blue for steel scrap.

The Steelmark, originally developed by U. S. Steel in the 1950s, was later provided to AISI for industry-wide use. In 1962, a steel executive suggested to the Pittsburgh Steelers that they use it on their helmets, and with that, the Steelmark blazed its way to national recognition. Today it is one of America’s great iconic images.
Innovation and technology have transformed America’s steel industry into one of the world’s most competitive, sustainable and environmentally progressive industries. Steel productivity has more than tripled since the early 1980s — making America stronger at home and abroad. Steelmaking is a process which has been transformed by modern technology. Today there are two main processes to create steel: The Basic Oxygen Furnace (BOF) and the Electric Arc Furnace (EAF). BOF steelmaking begins with the blast furnace, in which iron ore is combined with coke, limestone and a blast of compressed hot air to produce molten iron, often referred to as pig iron. The BOF then combines the pig iron, scrap steel and flux in a furnace, which then has oxygen blown into it to remove carbon.

The first electric arc furnaces (EAFs) appeared in the late 19th Century. The use of EAFs has expanded and now accounts for nearly two-thirds of steel production in the United States. The EAF is different from the BOF as it uses electrodes to create electric arcs to melt scrap steel or other iron material.

After the BOF or EAF process, the molten steel is sent to a secondary refining station to finalize the steel chemistry. Once the secondary refinement process is complete, the molten steel is sent to the caster where it is transformed into a solid shape.
ECONOMIC IMPACT
of the American Iron and Steel Industry

The American iron and steel industry is a dynamic part of the U.S. economy, accounting for more than $520 billion in economic output and supporting nearly two million jobs in 2017 when considering the direct, indirect (supplier) and induced impacts. According to a recent analysis conducted by the prominent research firm John Dunham & Associates (JDA) and commissioned by the American Iron and Steel Institute, the iron and steel industry generated an estimated $56 billion in federal, state and local taxes and industry-supported workers earned more than $130 billion in wages and benefits.

The results illustrate why strong, pro-manufacturing policies are needed to ensure the sustainability of an industry with such an impactful employment base and robust economic footprint. Please visit our comprehensive analysis and state-by-state breakdown of the economic impact of the American steel industry at www.steel.org/economicimpact.

2018 U.S. Steel Industry
STATISTICAL HIGHLIGHTS

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel shipments</td>
<td>95.3 million tons</td>
</tr>
<tr>
<td>Imports (finished)</td>
<td>25.7 million tons</td>
</tr>
<tr>
<td>Exports</td>
<td>8.8 million tons</td>
</tr>
<tr>
<td>Apparent steel demand</td>
<td>112.2 million tons</td>
</tr>
<tr>
<td>Steel mill employment</td>
<td>141,700*</td>
</tr>
</tbody>
</table>

Source: American Iron and Steel Institute
*Based on U.S. Department of Labor December 2018 monthly employment data.

2018 Steel Shipments by Market Classification

- Construction: 44%
- Automotive: 28%
- National Defense and Homeland Security: 3%
- Energy: 6%
- Machinery and Equipment: 9%
- Container: 3%
- Appliances: 5%
- Other: 2%

Source: American Iron and Steel Institute
OPPOSITE: Power grid infrastructure, high voltage substation metal structure in Texas

[RobertCoy]/Adobe Stock

TOP: The USS Gerald R. Ford was commissioned in 2017 and constructed using ArcelorMittal steel.

Photo courtesy of Huntington Ingalls Industries.

BOTTOM: The mine-resistant ambush-protected vehicles (MRAPs) utilize special armored steels that are produced and developed in America.

Photo courtesy of Stockrek Images, Inc.
Steel is essential to our national security. Every military platform and weapon system is dependent on American-produced steel. National security also depends on critical infrastructure like transportation, public health and safety, energy, and the power grid—all of which rely heavily on steel.

The president’s determination that elevated levels of foreign steel imports threaten the sustainability of the steel industry and risk national security, and his subsequent actions under Section 232 of the Trade Expansion Act to impose 25 percent tariffs (or in some instances quotas) on imported steel, are intended to help restore the domestic steel industry to a sustainable capacity utilization rate of 80 percent or higher over a meaningful period of time. This will help ensure the industry’s continued ability to meet national security needs.

The president’s trade actions are working. Foreign steel imports have decreased since the tariffs were enacted, many plants are restarting, capacity utilization is increasing and steel workers are going back to work.

The steel industry can now be on track to maintain our essential contributions to national security and critical infrastructure. And steel using industries will benefit from having a stable supply of domestic steel.
Steel’s versatility and the innovation of its producers and users have helped to establish steel as the material of choice particularly in energy, transportation and construction. The steel industry continues to lead in revolutionary developments: new steel grades for the automotive market; iron and steelmaking technologies that will significantly reduce energy and greenhouse gas emissions; advances in steel building construction; and energy transmission and development — to name a few. Since 1990, the industry has reduced its energy intensity and greenhouse gas (GHG) emissions intensity by 35 and 37 percent, respectively.

Our industry is a leader in quality, efficiency and productivity. Labor productivity in the U.S. has seen a five-fold increase since the early 1980s, going from an average of 10.1 man-hours per finished ton of steel to an average of 1.9 man-hours per finished ton of steel in 2017.

The United States is recognized as the most energy efficient of any major steel producing country, according to the Department of Energy.
Each year, more steel is recycled than paper, plastic, aluminum and glass—combined.
Global Leader In

SUSTAINABILITY

The American steel industry is a global leader in sustainability, responsibly producing steel that advances modern living, while staying focused on economic, environmental and social sustainability. Innovative grades of steel enable manufacturers to do more with less, promoting material efficiency and maintaining recyclability.

Each year, more steel is recycled than paper, plastic, aluminum and glass—combined. The steel industry is recycling three-quarters of the steel coming from the packaging market, nearly 100 percent of automobiles at end of their useful lives, and more than 90 percent of steel from infrastructure, appliances and construction.

Through AISI, steel producers actively research new technologies to further reduce emissions and increase energy efficiency. The steel industry has undertaken important sustainability-related projects to demonstrate the environmental performance of steel over competing products, including:

✦ New life cycle inventory (LCI) data, a compilation of materials, energy, water, and waste inputs and outputs for use in life cycle assessment (LCA) studies, was collected in 2018 for many North American-produced steel products. This new data will reflect advances in steelmaking technology as well as improvements to the overall electric grid, and will demonstrate the environmental advantages of steel.

✦ LCAs have been conducted comparing steel-framed buildings to wood-framed buildings in different parts of the country and have demonstrated that steel buildings can result in lower environmental impacts than functionally-equivalent wood buildings.

✦ Two important peer-reviewed studies have demonstrated that using advanced high-strength steel (AHSS) to make vehicles lighter results in lower greenhouse gas (GHG) emissions than using aluminum for the same purpose, when the entire vehicle life cycle is considered.
ABOVE LEFT: President Trump and U. S. Steel President and CEO David B. Burritt in Granite City, IL.

ABOVE RIGHT: Rep. Mike Kelly (R-PA) tours AK Steel’s Butler, PA Works.
If you don’t have Steel, you don’t have a country.

PRESIDENT DONALD TRUMP

TOP: President Trump speaks at the reopening of U. S. Steel’s Granite City Works.

BOTTOM: Rep. Warren Davidson (R-OH) tours TimkenSteel’s St. Clair Plant in Eaton, OH.
TRADE

Foreign government subsidies and other market-distorting policies have resulted in massive global steel overcapacity, more than 600 million tons — seven times U.S. production in 2017 — which distorts the global steel market and steel trade. To address this, the United States government must:

✦ Maintain and aggressively enforce the president’s Section 232 trade actions on steel imports to protect our national security by ensuring a healthy and sustainable domestic steel industry;

✦ Continue to press China and other nations to eliminate steel overcapacity by ending their subsidies and other market-distorting policies that promote overcapacity;

✦ Enforce U.S. trade laws against injurious dumping and subsidies and use all available tools to address transshipment, circumvention and evasion of trade remedy measures;

✦ Modernize and strengthen trade agreements with allies; and,

✦ Respond to foreign government currency manipulation.
AISI supports tax policy that promotes investment and encourages manufacturing in the United States and increases the global competitiveness of domestic steel producers. In addition to a globally-competitive tax rate, continued encouragement of capital investment is critical for sustaining economic growth and job creation. Cost recovery systems, such as accelerated depreciated and full expensing, have a significant impact on whether or not manufacturing companies make new investments.
RIGHT: EPA Administrator Andrew Wheeler and AISI President and CEO Thomas J. Gibson at the 2018 EPA Recycling Day Event.

BELOW: AISI’s Environment Committee touring the Cleveland Pellet Terminal and the William G. Mather Great Lakes freighter, formerly owned by Cleveland-Cliffs and now serving as a ship museum after its decommissioning in 1980.
ENERGY

The production of steel is inherently energy intensive. The affordability and reliability of key energy resources, including electricity, natural gas and coal, are essential to the industry’s competitiveness. Regulations of energy providers should not undermine the competitiveness of U.S. manufacturers or limit production of domestic energy sources. The United States needs policy measures that facilitate investment in our national energy infrastructure, including production, distribution, transmission and storage projects, in order to maintain a robust economy and promote domestic industry.

ENVIRONMENT

American steel producers are continually seeking to reduce our environmental footprint even while increasing production of the advanced and highly recyclable steel that our economy needs. These efforts have yielded dramatic improvements in air emissions, water discharges and waste disposal over the past several decades. AISI continues to work with EPA to advocate for federal regulations that preserve and protect our shared environment, but that do so without undermining our industrial competitiveness and include careful consideration of cost-benefit analysis.

Below: Dr. Jody Hall, vice president, automotive market, SMDI, testifies at a public hearing in Dearborn, MI about the proposed Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule.
The United States is in need of increased, long-term funding for improvements to the nation’s transportation, water, energy and other critical infrastructure.
TRANSPORTATION & INFRASTRUCTURE

Investment in key transportation and infrastructure facilitates broad economic growth and directly enhances the competitiveness of the domestic steel industry. The United States is in need of increased, long-term funding for improvements to the nation’s transportation, water, energy and other critical infrastructure. Federal funding should be accompanied by reforms that streamline permitting to speed approval of large projects and should ensure that iron and steel used for the nation’s infrastructure is produced in the United States.

WORKFORCE POLICY

The steel industry is committed to ensuring safety and health at our industrial workplaces. AISI member companies have made substantial efforts to decrease the number and frequency of workplace incidents and continue to work through AISI to share information and best practices to meet this shared goal. Some regulations may misdirect priorities and create unnecessary costs for employers that prevent optimum workplace safety and health benefits from being realized. Policymakers should instead commit to a cooperative approach wherein federal agencies, employers and employees work in partnership to advance workplace safety and health.

In 2018, AISI presented former Reps. Gene Green (D-TX) and Sander Levin (D-MI) with its Steel Champion Award. SSAB Americas President Chuck Schmitt presented the award to Rep. Green, and AISI President and CEO Tom Gibson presented Rep. Levin with his award.

Canadian Prime Minister Justin Trudeau tours Algoma Steel’s Direct Strip Production Complex.
AISI is widely seen as a resource to educate the media, provide data and help shape public opinion on the positions of the steel industry.

AISI was mentioned in the media more than 5000 times over the past year. The Institute engages in various social media platforms, supporting social media campaigns such as #FixTheSooLocks and #AmericaSteelStrong, and generating social media presence for steel champions on Capitol Hill through our #SteelBriefs campaign. AISI was also recognized by the Occupational Safety and Health Administration (OSHA) for “efforts to promote a safety and health program in every workplace” during the 2018 Safe + Sound Campaign on Twitter.
AISI is currently evaluating plans to build a Flash Ironmaking Technology pilot plant, which would be the next step towards an entirely new transformational process for alternate ironmaking. This process would be based on the direct gaseous reduction of iron oxide concentrates in a flash reduction process. The technology will be applied to the production of iron as a feed to the steelmaking process and will significantly increase energy efficiency and reduce environmental emissions including CO$_2$. This research project illustrates the steel industry’s commitment to developing technical solutions today that will help realize the next-generation steel plant of the future.

AISI’s Committee on Manufacturing Technology (COMT) engages in Collaborative Research and Development, including development of new technologies aimed at reducing and eliminating steel plant CO$_2$ emissions, enhancing product performance, and/or enhancing steel’s properties so as to provide competitive advantages versus alternate materials.

The current research priorities for the COMT include: advanced measurement technology, recycling of steel plant co-products, CO$_2$ reduction from steelmaking processes, and additive manufacturing impacts on steel and competing materials.

This research project illustrates the steel industry’s commitment to developing technical solutions today that will help realize the next-generation steel plant of the future.
With more than 200 steel grades available, today’s steel grades are as much as six times stronger than the steels of a decade ago and three to four times stronger than the latest aluminum alloys on the market. The added strength of advanced high strength steel (AHSS) allows automakers to deliver vital performance and safety benefits with lightweight products using their existing manufacturing infrastructure and eliminating major manufacturing cost penalties associated with the introduction of alternative materials.

The Steel Market Development Institute (SMDI), a business unit of AISI, works with automotive customers to lead collaborative projects, and develop and apply the next generation of advanced high-strength steels that provide high-value solutions to meet the fuel economy and performance requirements of future vehicles. The goal of the SMDI automotive program is to keep steel the material of choice in body and chassis applications through its advantages in performance, mass reduction, sustainability and value.

AISI and SMDI maintain an annual and influential presence at the North American International Auto Show and Great Designs in Steel.

Photos courtesy of the American Iron and Steel Institute and the Steel Market Development Institute.

The added strength of advanced high strength steel (AHSS) allows automakers to deliver vital performance and safety benefits with lightweight products.
LEFT: Electric utilities are using steel poles to harden their distribution systems because they are reliable in severe weather, easy to install, require minimal maintenance, and resistant to fire, rot, termites and woodpeckers.

BELOW: A modular system using press-brake-formed steel tub girders was used to replace the Cannelville Road Bridge in Muskingum County, OH. The project was set by an Ohio crew and completed in just 26 days, with an expected service life of more than 100 years.
CONSTRUCTION

Steel is an essential material for the building construction and transportation/infrastructure sectors; valued for its durability, sustainability, reliability, cost-effectiveness and design versatility.

Steel structures are energy-efficient, low-maintenance and resilient, performing well in natural disasters such as hurricanes and earthquakes, and in extreme events like fire and blast. As a building material, steel meets sustainability requirements in standards such as the International Green Construction Code and in green building rating systems like USGBC’s Leadership in Energy and Environmental Design (LEED), where steel products can help earn points toward LEED v4 certification. Steel is continuously recyclable and can be repurposed at end of life into any other steel product.

In cooperation with Canadian and Mexican partners, AISI develops and maintains cold-formed steel framing standards used extensively in North America and throughout the world.

Short span bridges less than 140 feet make up most of the U.S. bridge inventory, and many need to be repaired or replaced. Steel solutions provide initial and life cycle cost advantages. An innovative modular system using shallow steel press-brake tub girders offers significant cost and time savings for counties and state departments of transportation. This system is easy to fabricate, uses accelerated bridge construction practices and can often be installed with local crews in a single day. The expected life span for these bridges is 100 years or more. The steel industry also offers complimentary web-based design software for customized short span steel bridges that is available at www.espan140.com.
Founded in 1855 as the American Iron Association, the American Iron and Steel Institute (AISI) has represented the steel industry for more than 150 years. Headquartered in Washington, D.C., AISI advocates on behalf of its member companies for public policies that support a globally competitive North American steel industry. Never has it been more critical than it is today for the industry to speak out with a unified voice on major policy issues that are impacting American manufacturers.

AISI’s mission is to influence public policy, educate and shape public opinion in support of a strong, sustainable North American steel industry committed to manufacturing products that meet society’s needs.

To achieve its mission, AISI:

✦ **FOCUSES ON THE ADVOCACY** of public policy priorities central to the steel industry where AISI can make an impact on issues where there is strong member alignment.

✦ **INFORMS AND EDUCATES** opinion leaders about the North American steel industry’s strategic importance to national and economic security.

✦ **COMMUNICATES THE BENEFITS** that the industry’s technological advances are making to the health and safety of its workforce and to the environment.

✦ **COLLECTS AND PROVIDES INDUSTRY DATA** to policymakers, company personnel and the public regarding steel operations, production, energy efficiency, shipments, import/export levels and consumption.

✦ **PURSUES TECHNOLOGY ADVANCEMENTS** through collaborative research and development.

✦ **ASSISTS MEMBER COMPANIES** in attracting and retaining talent.

✦ **ADVANCES THE COMPETITIVE USE** of steel in traditional and growth markets.
The Steel Market Development Institute (SMDI), a business unit of AISI, increases and defends the use of steel by developing and communicating innovative materials and designs. SMDI works to differentiate steel based on its environmental performance and demonstrate steel as the highest-value material in the automotive and construction markets.

In partnership with its investor steel companies, SMDI:

✦ **WORKS WITH OUR AUTOMOTIVE CUSTOMERS** to advance and demonstrate steel’s superior performance providing better value than competing materials.

✦ **PROVIDES STEEL-BASED SOLUTIONS** in the commercial and residential construction sectors, and transportation and infrastructure sectors, through applied research and technology transfer with its many partners in the construction markets, including leveraging codes and standards processes to defend and advance steel industry interests.


RIGHT: Photo courtesy of AK Steel.
AISI PRODUCER MEMBERS
and Their Locations in North America

ALGOMA STEEL INC.
North American Locations
Headquarters: Sault Ste. Marie, ON
CANADA
Alberta
Calgary: Algoma Steel Inc. (sales office)
Ontario
Sault Ste. Marie: Algoma Steel Inc. — carbon and HSLA steel sheet in hot rolled, cold rolled, pickled, and floor plate; carbon and HSLA plate and heat-treated plate products
Burlington: Algoma Steel Inc. (sales office)
North American Production: Algoma Steel Inc. is an integrated producer of 2.8 million tons per annum serving the automotive, construction, energy, defense, and manufacturing sectors.

AK STEEL CORPORATION
North American Locations
Headquarters: West Chester, OH
UNITED STATES
Alabama
Cold stamping
Indiana
Columbus: Carbon and stainless tubular steel
Rockport: Cold rolled carbon and stainless steels line
Kentucky
Tool & die, hot stamping, cold stamping
Ashland: Galvanized and galvannealed strip
Michigan
Dearborn: Hot rolled, cold rolled, and hot dipped galvanized and annealed sheet

Monroe: JV Spartan Steel Coating LLC (hot dipped galvanized and galvannealed sheet)
Ohio
Cosocton: Stainless steels in cold rolled strip, sheet coils
Mansfield: Flat-rolled carbon, ferritic stainless
Middletown: Hot rolled, cold rolled, enameling steel, electrogalvanized hot-dip galvanized, hot-dip aluminized, hot-dip aluminized carbon and stainless, research and innovation center
Walbridge: Tubular steel
Zanesville: Oriented and non-oriented electrical steel, stainless flat-rolled
Pennsylvania
Butler: Flat-rolled and electrical and stainless steels
Somerset County: AK Coal Resources, Inc. (a wholly-owned subsidiary of AK Steel)—metallurgical coal reserves
West Virginia
Follansbee: Mountain State Carbon, LLC (cokemaking)
CANADA
Ontario
Engineering, tool & die, hot stamping, cold stamping
MEXICO
Querétaro
Carbon and stainless tubing
North American Production: 6.0 million tons
**ALTOS HORNOS DE MÉXICO, S.A.B. DE C.V.**

North American Locations

**Headquarters:** Av. Juarez S/No., Col. La Loma, Monclova, Coahuila, México

**MEXICO**

Coahuila

Monclova facility: Plate, hot rolled coil, cold rolled coil, tin, tin free steel, structural shapes, service center

**Distrito Federal**

Mexico City: Sales office

**Estado de Mexico**

Atizapán de Zaragoza: Service center

**Jalisco**

Zapopan: Service center and sales office

**Nuevo León**

Monterrey: Nacional de Aceros, S.A. de C.V. (NASA):

Light weight wall tubes, sales office

**San Luis Potosí**

San Luis Potosí: Sales office

**UNITED STATES**

**Texas**

San Antonio: Sales office

**North American Production:** 4.4 million tons

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**ARCELORMITTAL**

North American Locations

**Headquarters:** Chicago, IL

**UNITED STATES**

**Alabama**

Calvert: AM/NS Calvert: Flat (JV with Nippon Steel & Sumitomo Metal Corp.)

**Illinois**

Riverdale: Flat

**Indiana**

Burns Harbor: Flat and plate

East Chicago: Indiana Harbor (East and West): Flat and global research and development center

Gary: Plate

New Carlisle: I/N Tek and I/N Kote: Flat (JV with Nippon Steel & Sumitomo Metal Corporation)

**Iowa**

Montezumo: Tailored blanks (JV with Delaco Steel)

**Michigan**

Dearborn: Tailored blanks (JV with Delaco Steel)

Detroit: Tailored blanks

**Minnesota**

Hibbing Taconite: Mine (JV with U. S. Steel and Cliffs Natural Resources)

Virginia: Minorca Mine

**Mississippi**

Jackson: Double G Coatings: Flat (JV with U. S. Steel)

**New York**

Tonawanda: Tailored blanks (JV with Delaco Steel)

**North Carolina**

Piedmont: Plate

**Ohio**

Cleveland: Flat

Columbus: Flat

Marion: Tube

Pioneer: Tailored blanks

Shelby: Tube

Warren: Coke

**Pennsylvania**

Coatesville: Plate

Conshohocken: Plate

Monessen: Coke

Steelton: Long

**West Virginia**

Princeton: Mine

Weirton: Flat

**CANADA**

**Nunavut**

Baffinland Iron Mines Corporation: JV Nunavut Iron Ore Holdings LP (Head office: Oakville, ON)

**Ontario**

Baycoat: Flat (JV with U. S. Steel Canada)

Brampton: Tube

Concord: Tailored blanks
Hamilton: Flat, long, tube and global research and development center, ArcelorMittal Regional University Campus
London: Tube
Windsor: Flat
Woodstock: Tube
Quebec
Contrecoeur East: Long
Contrecoeur West: Long
Coteau-du-Lac: Flat
Fire Lake: Mine
Longueuil: Long
Mount-Wright: Mine
Port-Cartier: Pellet plant, railway and port
St. Patrick: Long

MEXICO
Colima
Manzanillo: Peña Colorada (JV with Ternium México, pelletizing plant)
Minatitlán: Peña Colorada (JV with Ternium México, open pit mine)
Distrito Federal
Tultitlán: Long steel distribution center
Guanajuato
Celaya: Long
Silao: Tailored blanks (JV with Summit Plastics)
Michoacan
Las Truchas: Mines
Lazaro Cardenas: Flat and long
Nuevo León
Monterrey: Tube
San Luis Potosí
San Luis Potosí–Villa de Reyes: Tailored blanks
Sonora
Sonora–Ciudad Obregón: Mine
Sonora–Ejido en Rosario Tesopaco: Mine
Sonora–Guaymas: Port operation
Veracruz
Córdoba: Long steel distribution center

North American Production: 23.48 million metric tons
North American Iron Ore Production: 38.1 million metric tons

CALIFORNIA STEEL INDUSTRIES, INC.
North American Locations
Headquarters: Fontana, CA

UNITED STATES
California
Fontana: Converts purchased steel slab into hot rolled, pickled and oiled, galvanized, and cold rolled sheet; electrical resistance welded pipe
North American Production: 2 million tons

CLEVELAND-CLIFFS INC.
North American Locations
Headquarters: Cleveland, OH

UNITED STATES
Michigan
Ishpeming: Tilden Mine
Palmer: Empire Mine (indefinite idle)

Minnesota
Babbitt: Northshore Mining Company (mine)
Eveleth: United Taconite (mine)
Forbes: United Taconite (pellet plant)
Hibbing: Hibbing Taconite (mine and pellet plant)
Silver Bay: Northshore Mining Company (pellet plant)

By 2020, Cliffs expects to be the sole producer of hot-briquetted iron (HBI) in the Great Lakes region with the start-up of its first production plant in Toledo, Ohio.

U.S. Iron Ore Production: 20.3 million long tons in 2018

DEACERO, S.A.P.I. DE C.V.
North American Locations
Headquarters: San Pedro Garza Garcia, Nuevo León–Mexico

MEXICO
Aguascalientes
Aguascalientes: Distribution center
Baja California
Ensenada: Scrap recollection center
Mexicali: Wire products, scrap recollection center
Tijuana: Distribution center, scrap recollection center
Chiapas
Cuidad Hidalgo: Distribution center
Chihuahua
Chihuahua: Distribution center
Ciudad de Mexico
Gustavo A. Madero: Scrap recollection center

Coahuila
Ramos Arizpe/Saltillo: Steelmaking, billet, wire rod, rebar, merchant bars, shapes, beams, wire products, scrap recollection center

Estado de Mexico
Tlalneplanta: Wire products, scrap recollection center, sales office
Tultitlan: Scrap recollection center

Guanajuato
León: Wire products
Villagran/Celaya: Steelmaking, billet, wire rod, rebar, merchant bars, wire products, scrap collection center

Jalisco
Guadalajara: Scrap recollection center, distribution center, sales office

Michoacan
Morelia: Wire products
Morelos
Cuernavaca: Scrap recollection center

Nuevo León
Guadalupe: Wire products, scrap recollection center
Monterrey: Sales office
San Nicolas de los Garza: Scrap recollection center
San Pedro Garza Garcia: Main office
Santa Catarina: Wire products, scrap collection center

Puebla
Puebla: Wire products, scrap recollection center, sales office

Queretaro
Queretaro: Wire products

San Luis Potosí
San Luis Potosí: Scrap recollection center

Sinaloa
Culiacan: Distribution center

Sonora
Hermosillo: Scrap recollection center, distribution center

Tabasco
Huimanguillo: Distribution center
Villahermosa: Distribution center

Tamaulipas
Matamoros: Scrap recollection center

Veracruz
Veracruz: Distribution center

Yucatan
Merida: Scrap recollection center, distribution center

UNITED STATES
Alabama
Birmingham: Distribution center

Arizona
Phoenix: Sales office

Illinois
Chicago: Distribution center

Missouri
Poplar Bluff: Wire products, sales office

Pennsylvania
Chambersburg: Distribution center

Texas
Corpus Christi: Scrap recollection center
Eagle Pass: Scrap collection center
Houston: Deacero USA, Inc. (wire products and sales office)
Laredo: Distribution center, sales office
New Braunfels: Sales office
San Antonio: Scrap collection center

North American Production: 3.5 million tons

DTE ENERGY RESOURCES

North American Locations
Headquarters: Ann Arbor, MI

UNITED STATES
Michigan
River Rouge: EES coke battery

North American Production: Among the many energy operations of DTE are steel mill coke and coal operations and cogeneration projects.
EVRAZ NORTH AMERICA

North American Locations
Headquarters: Chicago, IL

UNITED STATES
Colorado
Pueblo: Steelmaking, premium head hardened and standard rail, seamless OCTG, wire rod, coiled reinforcing bar, product technology center, sales office
Oregon
Portland: Plate, heat-treated plate, coil, large diameter spiral line pipe, technology lab, sales office

CANADA
Alberta
Calgary: ERW, OCTG casing and tubing with upsetting, threading and heat-treating capabilities, semi-premium connections, sales office
Camrose: Small diameter line pipe (ERW) and large diameter line pipe (DSAW), ERW OCTG casing
Red Deer: ERW OCTG casing, small diameter line pipe with API, premium threading, premium connections
Saskatchewan
Regina: Steelmaking, plate and coil, ERW OCTG tubing, small and large diameter line pipe (ERW and spiral), research and development center, sales office

North American Production: 3 million tons
EVRAZ North America produces engineered steel products for rail, energy and industrial end markets, and operates numerous recycling businesses across the western U.S. and Canada.

HARSCHO METALS & MINERALS

North American Locations
Headquarters: Seven Fields, PA

UNITED STATES
Alabama
Satsuma
Arkansas
Blytheville
Newport
Colorado
Pueblo
Florida
Tampa
Illinois
Pawnee
Pekin
Indiana
East Chicago
Gary
Pittsboro
Iowa
Muscatine

Canada
Ontario
Hamilton
Nanticoke
Whitby
Quebec
Contrecoeur
Sorel-Tracy

Mexico
Guanajuanto
Celaya
Michoacan
Lazaro Cardenas
Nuevo Leon
Apodaca
Monterrey
San Nicolas

North American Production: Harsco provides innovative resource recovery technologies, environmental solutions and logistics services to the metals and minerals industries.
**IVACO ROLLING MILLS 2004 L.P.**

**North American Location**
**Headquarters:** l’Orignal, Ontario, Canada

**Ontario**
l’Orignal: Hot rolled steel wire rod, billet

**North American Production:**
900,000 tons (wire rod)
625,000 tons (billets)

**NUCOR CORPORATION**

**North American Locations**
**Headquarters:** Charlotte, NC

**UNITED STATES**

**Alabama**
Birmingham: Nucor Steel Birmingham (carbon steel reinforcing bar, rounds, squares)
Birmingham: Southland Tube, Inc. (tube)
Birmingham: Skyline Steel (sales)
Decatur: Independence Tube Corporation Decatur (tube)
Eufaula: American Buildings Company South Region (metal building systems)

Fort Payne: Vulcraft Alabama (carbon steel in joists, joist girders, composite floor joist, and floor and roof deck)
Riverside: Harris Rebar (rebar)
Trinity: Nucor Steel Decatur (carbon steel sheet in hot rolled, pickled, cold rolled, galvanized, galvannealed)
Trinity: Independence Tube Corporation Trinity (tube)
Tuscaloosa: Nucor Steel Tuscaloosa (carbon and high-strength alloy, hot rolled coil and cut-to-length plate for structural and pressure vessel applications)

**Arizona**
Kingman: Nucor Steel Kingman (carbon steel reinforcing bar, wire rod)
Phoenix: Harris Rebar (rebar)
Phoenix: Verco Decking (steel floor, roof deck)
Tucson: Harris Rebar (rebar)

**Arkansas**
Armored: Nucor–Yamato Steel (carbon steel wide-flange beams, sheet and H-piling, miscellaneous and standard channels, angles, CZ and CSC car building sections, rail ties)
Armored: Skyline Steel (coating and fabrication)
Blytheville: Nucor Castrip Arkansas (advanced steel sheet products)
Blytheville: Nucor Steel Arkansas (carbon steel sheet in hot rolled, cold rolled, pickled, floor plate, galvanized coils)

**California**
Antioch: Verco Decking (steel floor, roof deck)
Fontana: Verco Decking (steel floor, roof deck)
Fresno: Harris Rebar (rebar)
Lakeside: Harris Rebar (rebar)
Lathrop: CBC Steel Buildings (metal building systems)
Livermore: Harris Rebar (rebar)
Los Angeles: Nucor Trading USA (steel trading)
Pomona: Harris Rebar (rebar)
Sacramento: Skyline Steel (sales)

**Colorado**
Commerce City: Harris Rebar (rebar)
Denver: Skyline Steel (sales)

**Connecticut**
South Windsor: Harris Rebar (rebar)
Wallingford: Nucor Steel Connecticut (carbon steel reinforcing bar, wire rod, wire mesh fabrication, structural mesh fabrication, rolled wire, deformed wire)

**Florida**
Milton: Harris Rebar (rebar)
Orlando: Skyline Steel (sales)
Zellwood: Harris Rebar (rebar)

**Georgia**
Cartersville: Skyline Steel (threaded bar)
Cedar Springs: Republic Conduit Cedar Springs (tube)
Duluth: Skyline Steel (sales)

**Hawaii**
Kapolei: Harris Rebar (rebar)

**Idaho**
Meridian: Harris Rebar (rebar)

**Illinois**
Belvidere: Harris Rebar (rebar)
Bourbonnais: Nucor Grating (bar and safety grating)
Bourbonnais: Harris Rebar (rebar)
Bourbonnais: Nucor Steel Kankakee (carbon steel angles, rounds, flats, reinforcing bar)
Burr Ridge: Harris Rebar (sales)
Chicago: Independence Tube Corporation Chicago (tube)
El Paso: American Buildings Company Midwest Region (metal building systems)

**Massachusetts**
North American Location
**Headquarters:** Charlotte, NC

**North American Locations**
**Headquarters:** Charlotte, NC

**UNITED STATES**

**Alabama**
Birmingham: Nucor Steel Birmingham (carbon steel reinforcing bar, rounds, squares)
Birmingham: Southland Tube, Inc. (tube)
Birmingham: Skyline Steel (sales)
Decatur: Independence Tube Corporation Decatur (tube)
Eufaula: American Buildings Company South Region (metal building systems)

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Kingman: Nucor Steel Kingman (carbon steel reinforcing bar, wire rod)
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Phoenix: Verco Decking (steel floor, roof deck)
Tucson: Harris Rebar (rebar)

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Armored: Skyline Steel (coating and fabrication)
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Blytheville: Nucor Steel Arkansas (carbon steel sheet in hot rolled, cold rolled, pickled, floor plate, galvanized coils)

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Livermore: Harris Rebar (rebar)
Los Angeles: Nucor Trading USA (steel trading)
Pomona: Harris Rebar (rebar)
Sacramento: Skyline Steel (sales)

**Colorado**
Commerce City: Harris Rebar (rebar)
Denver: Skyline Steel (sales)

**Connecticut**
South Windsor: Harris Rebar (rebar)
Wallingford: Nucor Steel Connecticut (carbon steel reinforcing bar, wire rod, wire mesh fabrication, structural mesh fabrication, rolled wire, deformed wire)

**Florida**
Milton: Harris Rebar (rebar)
Orlando: Skyline Steel (sales)
Zellwood: Harris Rebar (rebar)

**Georgia**
Cartersville: Skyline Steel (threaded bar)
Cedar Springs: Republic Conduit Cedar Springs (tube)
Duluth: Skyline Steel (sales)

**Hawaii**
Kapolei: Harris Rebar (rebar)

**Idaho**
Meridian: Harris Rebar (rebar)

**Illinois**
Belvidere: Harris Rebar (rebar)
Bourbonnais: Nucor Grating (bar and safety grating)
Bourbonnais: Harris Rebar (rebar)
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**Massachusetts**
North American Location
**Headquarters:** Charlotte, NC

**North American Locations**
**Headquarters:** Charlotte, NC

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Phoenix: Verco Decking (steel floor, roof deck)
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**Arkansas**
Armored: Nucor–Yamato Steel (carbon steel wide-flange beams, sheet and H-piling, miscellaneous and standard channels, angles, CZ and CSC car building sections, rail ties)
Armored: Skyline Steel (coating and fabrication)
Blytheville: Nucor Castrip Arkansas (advanced steel sheet products)
Blytheville: Nucor Steel Arkansas (carbon steel sheet in hot rolled, cold rolled, pickled, floor plate, galvanized coils)
Newton: Skyline Steel (rolled and welded pipe)
Tinley Park: Skyline Steel (sales)

Indiana
Auburn: Harris Rebar (administration)
Crawfordsville: Nucor Castrip Indiana (advanced steel sheet products)
Crawfordsville: Nucor Steel Indiana (carbon steel sheet in hot rolled, cold rolled, pickled and galvanized coils)
Madison: Nucor Tubular Products (tubular products)
Mooresville: Harris Rebar (rebar)
St. Joe: Nucor Fastener Indiana (carbon and alloy steel standard hex head cap screws, hex flange bolts, structural bolts and nuts, finished hex nuts)
St. Joe: Vulcraft Indiana (carbon steel in joist, joist girders, composite floor joist, and floor and roof deck)
Waterloo: Nucor Building Systems Indiana (metal building systems)

Iowa
Newton: Harris Rebar (rebar)
Sioux City: Harris Rebar (sales)

Kentucky
Florence: Nucor Grating (sales)
Ghent: Nucor Steel Gallatin (hot rolled coils, hot rolled bands, hot rolled pickled and oiled, hot rolled slit coils)
Louisville: Harris Rebar (sales)
Louisville: Republic Conduit Louisville (tube)

Louisiana
Convent: Nucor Steel Louisiana (direct reduced iron)
Mandeville: Skyline Steel (sales)
Slidell: Harris Rebar (sales)

Maryland
Baltimore: Harris Rebar (rebar)

Massachusetts
Deerfield: Harris Rebar (rebar)
Milford: Harris Rebar (administration)
Taunton: Skyline Steel (sales)

Michigan
Comstock Park: Harris Rebar (rebar)
Detroit: Nucor Automotive Detroit Office (sales)
Lansing: Harris Rebar (rebar)

Minnesota
Minneapolis: Harris Rebar (rebar)

Mississippi
Flowood: Harris Rebar (rebar)
Flowood: Nucor Steel Jackson (carbon steel angles, flats, reinforcing rounds, squares)
Iuka: Skyline Steel (spiralweld pipe)
Madison: Nucor Grating (bar and safety grating)

Missouri
Earth City: Skyline Steel (sales)
Kansas City: Harris Rebar (rebar)
Maryville: Nucor LMP Steel (cold finished bar and wire)
St. Louis: Harris Rebar (rebar)
St. Louis: Nucor St. Louis Cold Drown (cold drown rounds, hexagons, squares, special sections)

Nebraska
Bellevue: Harris Rebar (rebar)
Norfolk: Nucor Cold Finish Nebraska (carbon, leaded and alloy cold drawn steel bar)
Norfolk: Nucor Steel Nebraska (carbon and alloy steel in special bar quality, cold heating quality and bearing quality, merchant bar quality in angles, channels, flats, hexagons, rounds and squares, rod, bar, squares, hex in coil)
Norfolk: Vulcraft Nebraska (carbon steel in joists, joist girders, composite floor joists, floor and roof deck)

Nevada
Carson City: Harris Rebar (rebar)
Las Vegas: Harris Rebar (rebar)

New Hampshire
Canaan: Harris Rebar (rebar)

New Jersey
Middletown: Skyline Steel (sales)
Parsippany: Skyline Steel (corporate headquarters)

New Mexico
Albuquerque: Harris Rebar (rebar)

New York
Albany: Harris Rebar (rebar)
Auburn: Nucor Steel Auburn (carbon steel angles, channels, flats, reinforcing bars, rounds, squares)
Chemung: Vulcraft of New York (carbon steel in joists, joist girders, composite floor joists, special profile steel trusses, floor and roof deck)

North Carolina
Benson: Harris Rebar (sales)
Cofield: Nucor Steel Hertford County (carbon steel plate)
Creedmoor: Harris Rebar (rebar)
Lumberton: Harris Rebar (rebar)

Ohio
Belpre: Skyline Steel (CF steel sheet pile)
Marion: Harris Rebar (rebar)
Marion: Nucor Steel Marion (carbon steel angles, flats, rebar, rounds, signposts)
Monroe: Harris Rebar (sales)
Orrville: Nucor Bright Bar Ohio (carbon, leaded and alloy cold drawn steel bars)

West Chester: Skyline Steel (sales)

Oregon
Portland: Harris Rebar (rebar)

Pennsylvania
Bethlehem: Harris Rebar (rebar)
Bethlehem: Nucor Grating (rebar)
Camp Hill: Skyline Steel (spiralweld pipe, threaded bar, micropile, accessories)
Fairless Hills: Skyline Steel (pipe)
Pittsburgh: Skyline Steel (sales)
Wexford: Fisher & Ludlow (sales)
Wexford: Nucor Grating (sales)

Rhode Island
Pawtucket: Harris Rebar (rebar)

South Carolina
Catawba: Harris Rebar (rebar)
Darlington: Nucor Cold Finish South Carolina (carbon leaded and alloy cold drawn steel bars)
Darlington: Nucor Steel South Carolina (carbon steel in special bar quality, merchant bar quality, and reinforcing products in the following shapes: angles, channels, flats, hexagons, reinforcing bars and rounds)
Florence: Vulcraft South Carolina (carbon steel in joists, joist girders, composite floor joists, and floor and roof deck)
Huger: Nucor Steel Berkeley (carbon steel sheet in hot rolled, cold rolled, pickled, galvanized, and galvannealed coils, carbon steel wide range beams, manufacturing housing beams, standard I beams, and miscellaneous and standard channels)
Swansea: Nucor Buildings Group (metal building systems)

Tennessee
Collierville: Harris Rebar (sales)
Memphis: Nucor Steel Memphis (carbon steel in special bar quality rounds, round cornered squares)

Portland: Kirby Building Systems Tennessee (metal building systems)

Texas
Dallas: Harris Rebar (rebar)
Dayton: Harris Rebar (rebar)
Grapeland: Vulcraft Texas (carbon steel in joists, joist girders, composite floor joists, special profile steel trusses, floor and roof deck)
Houston: Skyline Steel (sales)
Jewett: Nucor Steel Texas (carbon steel angles, channels, flats, reinforcing bars, rounds, special sections, squares, U.M. plates)

Terrell: Nucor Building Systems Texas (metal building systems)

Utah
Brigham City: Nucor Building Systems Utah (metal building systems)
Brigham City: Nucor Cold Finish Utah (cold finished SBQ bar products, cold rolled wire, welded wire mesh)
Brigham City: Nucor Wire Products Utah (carbon steel standard mesh, mine mesh, rolled wire)
Brigham City: Vulcraft Utah (carbon steel in joists, joist girders, composite floor joists, special profile steel trusses)
Plymouth: Nucor Steel Utah (carbon steel angles, channels, flats, reinforcing bars, rounds, squares)
Provo: Nucor Grating (bar)
Salt Lake City: Harris Rebar (rebar)

Virginia
LaCrosse: American Buildings Company (metal building systems)
Springfield: Skyline Steel (sales)

Washington
Auburn: Harris Rebar (rebar)
Burbank: Harris Rebar (rebar)
Fife: Skyline Steel (sales)
Lake Stevens: Harris Rebar (rebar)
Longview: Skyline Steel (rolled and welded pipe, spiralweld pipe)
Seattle: Nucor Steel Seattle (carbon steel angles, channels, flats, reinforcing bar, rounds, squares)
Tacoma: Harris Rebar (rebar)
Wisconsin
Appleton: Harris Rebar (sales)
Menomonie: Harris Rebar (rebar)
Oak Creek: Nucor Cold Finish Wisconsin (carbon, leaded, alloy cold drawn steel bars)
Waukesha: Harris Rebar (rebar)

CANADA
Alberta
Calgary: Harris Rebar (rebar)
Edmonton: Nucor Grating (bar and safety grating)
Fort Saskatchewan: Harris Rebar (rebar)
Leduc: Harris Rebar (rebar)
Nisiel: Vulcraft-Omega (open web steel joists, steel decking)
St. Albert: Skyline Steel (sales)
Wetaskiwin: Nucor Grating (bar and safety grating, expanded metal products)

British Columbia
Abbotsford: Harris Rebar (rebar)
Delta: Harris Rebar (sales)
Kelowna: Harris Rebar (rebar)
Nanaimo: Harris Rebar (rebar)
Prince George: Harris Rebar (rebar)
Richmond: Harris Rebar (rebar)
Surrey: Nucor Grating (bar and safety grating, expanded metal products)

Manitoba
Winnipeg: Harris Rebar (rebar)

New Brunswick
St. John: Harris Rebar (rebar)

Newfoundland
Conception Bay: Harris Rebar (rebar)

Nova Scotia
Dartmouth: Harris Rebar (rebar)

Ontario
Ancaster: Vulcraft Canada (steel joists, joist girders and decking)
Belleville: Skyline Steel (sales)
Brampton: Harris Rebar (rebar)
Burlington: Nucor Grating (bar and safety grating)
Burlington: Laurel Steel (cold finish steel bar)
Burlington: Nucor Canada (sales)
Lively: Harris Rebar (rebar)
London: Harris Rebar (rebar)
Maidstone: Harris Rebar (rebar)
Ottawa: Harris Rebar (rebar)
Sarnia: Harris Rebar (rebar)
Stoney Creek: Harris Rebar (rebar)
Stoney Creek: Harris Steel Group (corporate headquarters)
Thunder Bay: Harris Rebar (rebar)

Quebec
Brossard: Skyline Steel (sales)
Point Aux Trembles: Nucor Grating (bar and safety grating)

Saskatchewan
Regina: Harris Rebar (rebar)
Saskatoon: Harris Rebar (rebar)

MEXICO
Guanajuato
Silao: JFE Steel Mexico (galvanizing steel)

Nuevo Leon
Apodaca: Nucor ATP Mexico-Monterrey (cold drawn rounds, hexagons, squares, special sections)

Garcia Garza: Nucor Mexico (sales)

Queretaro
Queretaro: Skyline Steel (sales)

The David J. Joseph Co. (A Nucor Subsidiary)
The David J. Joseph Co. is a scrap subsidiary of Nucor Corporation with numerous locations in the following states: Alabama, Arizona, Colorado, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Missouri, Nebraska, Nevada, New Mexico, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Washington and Wisconsin.

North American Production: 27 million tons
**SSAB AMERICAS**

North American Locations
Headquarters: Lisle, IL; Mobile, AL (beginning April 2019)

UNITED STATES
Alabama
Mobile: Plate, quench and temper plate, normalized plate and coil

Iowa
Montpelier: Plate, slit coil and coil

Minnesota
Roseville: Cut-to-length sheet and plate

Texas
Houston: Cut-to-length sheet and plate

CANADA
Ontario
Scarborough: Temper leveled cut-to-length sheet and plate

North American Production: 2.5 million tons

**TENARIS**

North American Locations
Headquarters: Houston, TX

MEXICO
Tabasco
Comalcalco: Threading facilities

Tenaris Tamsa
Veracruz: Seamless steel tubes, research and development center, threading facility

UNITED STATES
Arkansas
Blytheville: Maverick Tube Corporation (welded steel tubes)

California
Bakersfield: Hydril Company (threading facility)

Louisiana
Westwego: Hydril Company (threading facility)

Texas
Bay City: Tenaris Bay City (seamless steel tubes)
Conroe: Maverick Tube Corporation (welded steel tubes)
Downhole Center/Houston: Tenaris Coiled Tubes, LLC (coiled tubes facility)
McCarty/Houston: Hydril Company (threading facility)
Subsea Center/Houston: Tenaris Coiled Tubes, LLC (coiled tubes facility)

CANADA
Ontario
Sault Ste. Marie: Algomatubes Inc. (seamless steel tubes)

Alberta
Calgary: Prudential Steel Ltd. (welded steel tubes)
Nisku: Hydril Canadian Company Ltd. (threading facility)

North American Production: 1.2 million tons

**STELCO INC.**

North American Locations
Headquarters: Hamilton, Ontario, Canada

CANADA
Ontario
Hamilton: Coke making, cold rolled sheet, galvanized and galvannealed sheet
Nanticoke: Coke making, steelmaking, hot rolled sheet

North American Production: 2.8 million tons
TERNIUM
North American Locations

Headquarters: Monterrey, Mexico

MEXICO
Coahuila
Monclova: Galvanized and color coated steel sheets

Colima
Alzada: Iron ore pellets

Nuevo León
Apodaca: Rebars, roll-formed, billets
Monterrey: HRC, CRC
Pesquería: CRC and galvanized coils, high-end steel products
San Nicolás de los Garza: HRC, CRC, profiles and tubes, panels, galvanized and color coated coils, roll-formed

Puebla
Puebla: Rebar, wire rod, round bar

Product Distribution Centers

Baja California
Tijuana
Chiapas
Tuxtla Gutiérrez
Chihuahua
Chihuahua

Estado de México
Tultitlán
Jalisco
Guadalajara
Nuevo León
Monterrey
Puebla
Puebla

Product Service Centers

Nuevo León
Apodaca
Ciénega de Flores
San Nicolás de los Garza

San Luis Potosí
San Luis Potosí

UNITED STATES

Louisiana
Shreveport: Galvanized, color-coated sheets

Texas
Houston: Distribution, administrative

North American Production: 7.5 million tons

TIMKENSTEEL CORPORATION
North American Locations

Headquarters: Canton, OH

UNITED STATES

North Carolina
Columbus: Tryon Peak (value-added processes)

Ohio
Akron: City Scrap and Salvage (scrap metal for steelmaking operations)

Canton: Faircrest Steel Plant (specialty alloy steel bars, billets)

Canton: Gambrinus Steel Plant (seamless mechanical tubing, thermal treatment)

Canton: Harrison Steel Plant (specialty alloy steel bars)

Eaton: St. Clair Plant (specialty steel components)

Texas
Houston: TimkenSteel Material Services (value-added processes)

North American Production: 1.2 million tons
UNITED STATES STEEL CORPORATION

North American Locations
Headquarters: Pittsburgh, PA

UNITED STATES
Alabama
Fairfield: Rounds, slabs, seamless tubular mill, sheet finishing

Arkansas
Pine Bluff: Tubular couplings

California
Pittsburg: JV USS-POSCO Industries (sheets and tin mill)

Illinois
Granite City: Sheets, slab

Indiana
East Chicago: Tin mill
Gary: Slabs, tin mill, sheets, strip mill plate
Portage: JV Chrome Deposit Corporation (processing, administrative)
Portage: Sheets and tin mill

Michigan
Canton: JV Worthington Specialty Processing (steel processing)
Dearborn: Electro-galvanized sheets
Ecorse and River Rouge: Slabs and sheets
Jackson: JV Worthington Specialty Processing (steel processing)
Taylor: JV Worthington Specialty Processing (steel processing)
Troy: Research, development and sales center

Minnesota
Hibbing: Hibbing Taconite Company (iron ore pellets, ownership interest)
Keewatin: Keetac Iron Ore Operations (iron ore pellets)
Mt. Iron: Minnitac Iron Ore Operations (iron ore pellets)

Mississippi
Jackson: JV Double G Coatings Company, L.P. (galvanized and GALVALUME® sheets)

Ohio
Leipsic: JV PRO-TEC Coating Company (coated sheet and value-add sheet)
Lorain: Seamless tubular

Pennsylvania
Braddock: Slabs
Clairton: Coke
Fairless Hills: Galvanized sheets
Munhall: Research and Technology Center
West Mifflin: Sheets

Texas
Houston: Tubular couplings, processing, threading, inspection and storage service and research, development and sales center
Hughes Springs: Tubular couplings
Lone Star: Welded tubular
Midland: JV Patriot Premium Threading Services (tubular finishing)

CANADA
Alberta
Calgary: U. S. Steel Tubular Products, Canada Sales Office

North American Production: 17.0 million tons
AISI PRODUCER MEMBERS