

2021 SASB & GRI Indices

Forward-Looking Statements

This report contains some predictive statements about future events, including statements related to conditions in domestic or global economies, conditions in steel, aluminum, and recycled metals market places, Steel Dynamics' revenues, costs of purchased materials, future profitability and earnings, and the operation of new, existing or planned facilities. These statements, which we generally precede or accompany by such typical conditional words as "anticipate", "intend", "believe", "estimate", "plan", "seek", "project", or "expect", or by the words "may", "will", or "should", are intended to be made as "forward-looking", subject to many risks and uncertainties, within the safe harbor protections of the Private Securities Litigation Reform Act of 1995. These statements speak only as of this date and are based upon information and assumptions, which we consider reasonable as of this date, concerning our businesses and the environments in which they operate. Such predictive statements are not guarantees of future performance, and we undertake no duty to update or revise any such statements. Some factors that could cause such forward-looking statements to turn out differently than anticipated include: (1) domestic and global economic factors; (2) global steelmaking overcapacity and imports of steel and North American aluminum flat rolled supply deficit, together with increased scrap prices; (3) pandemics, epidemics, widespread illness or other health issues, such as the COVID-19 pandemic; (4) the cyclical nature of the steel industry and the industries we serve; (5) volatility and major fluctuations in prices and availability of scrap metal, scrap substitutes, and our potential inability to pass higher costs on to our customers; (6) cost and availability of electricity, natural gas, oil, or other energy resources are subject to volatile market conditions; (7) increased environmental, greenhouse gas emissions and sustainability considerations or regulations; (8) compliance with and changes in environmental and remediation requirements; (9) significant price and other forms of competition from other steel and aluminum producers, scrap processors and alternative materials; (10) availability of an adequate source of supply of scrap for our metals recycling operations; (11) cybersecurity threats and risks to the security of our sensitive data and information technology; (12) the implementation of our growth strategy; (13) litigation and legal compliance; (14) unexpected equipment downtime or shutdowns; (15) governmental agencies may refuse to grant or renew some of our licenses and permits; (16) our senior unsecured credit facility contains, and any future financing agreements may contain, restrictive covenants that may limit our flexibility; (17) the impacts of impairment charges; (18) unanticipated difficulties in integrating or starting up new assets; and (19) risks and uncertainties involving product and/or technology development.

More specifically, refer to Steel Dynamics' more detailed explanation of these and other factors and risks that may cause such predictive statements to turn out differently, as set forth in our most recent Annual Report on Form 10-K under the headings Special Note Regarding Forward-Looking Statements and Risk Factors, in our quarterly reports on Form 10-Q, or in other reports which we file with the Securities and Exchange Commission. These are available publicly on the Securities and Exchange Commission website, www.sec.gov, and on the Steel Dynamics website, www.steeldynamics.com under "Investors — SEC Filings."

Additional Disclosure

For purposes of this report, we have determined materiality based on the relevant sustainability reporting framework definitions, which is different than the materiality definition used in the federal securities laws for filings with the Securities and Exchange Commission ("SEC"). Issues deemed material, and use of the term material, for purposes of this report may not be considered material for SEC reporting purposes.

2021 SASB Index

Topic	Accounting Metric	Code	Steel Dynamics Disclosure												
GHG Emissions	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	EM-IS-110a.1	<p>The boundary for this disclosure is our seven electric arc furnace (EAF) steel mills, where most of our emissions occur. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">2019</th> <th style="text-align: center;">2020</th> <th style="text-align: center;">2021</th> </tr> </thead> <tbody> <tr> <td>Gross global Scope 1 emissions (metric tons CO₂e)</td> <td style="text-align: center;">1,758,419</td> <td style="text-align: center;">1,752,210</td> <td style="text-align: center;">1,860,789</td> </tr> <tr> <td>Percentage covered under emissions-limiting regulations</td> <td style="text-align: center;">0%</td> <td style="text-align: center;">0%</td> <td style="text-align: center;">0%</td> </tr> </tbody> </table> <p>Greenhouse gas emissions at our mill in Sinton, Texas are limited in an air permit. Due to the minimal emissions from Sinton in 2021, the actual emissions limited by regulations was 0%.</p> <p>2021 Scope 1 emissions data were verified by a third party in accordance with ISO 14064-3:2019.</p>		2019	2020	2021	Gross global Scope 1 emissions (metric tons CO ₂ e)	1,758,419	1,752,210	1,860,789	Percentage covered under emissions-limiting regulations	0%	0%	0%
	2019	2020	2021												
Gross global Scope 1 emissions (metric tons CO ₂ e)	1,758,419	1,752,210	1,860,789												
Percentage covered under emissions-limiting regulations	0%	0%	0%												
GHG Emissions	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	EM-IS-110a.2	<p>Our decarbonization strategy is integral to our overarching sustainability program to address climate-related considerations. Our Board of Directors provides oversight concerning the company's sustainability strategy, disclosures, and climate-related strategy. Our senior leadership, including our Chief Executive Officer, Chief Financial Officer, and operating platform senior executives and Vice President of Environmental Sustainability establish our near- and long-term strategies related to our decarbonization assessments, goals, and programs.</p> <p>We have environmental professionals throughout our company, including at each of our steelmaking locations, who are responsible for regulatory compliance and helping with decarbonization initiatives. All significant capital investment decisions are reviewed by both our safety and environmental professionals for insight and approval. The environmental team shares current developments, environmental trends, best practices, and opportunities for continuous improvement.</p> <p>In 2020, we created a Core Environmental Group (CEG), a multi-disciplinary team representing all or our operating platforms, to drive environmental sustainability initiatives across the company. This team, in combination with our senior leadership, is tasked with guiding our companywide greenhouse gas (GHG) emissions reduction efforts and allocation of resources to these efforts, among other responsibilities.</p>												

Topic	Accounting Metric	Code	Steel Dynamics Disclosure																																				
GHG Emissions	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	EM-IS-110a.2 (continued)	<p>In 2021, we set a goal for our EAF steel mill operations to be carbon neutral by 2050. To achieve this target, we also set interim emissions reductions and renewable electrical energy milestones to be achieved by 2025 and 2030.</p> <p>On the path to carbon neutrality, we are targeting a 20% Scope 1 and Scope 2 combined GHG emissions intensity reduction across our EAF steel mills by 2025 and a 50% reduction by 2030, compared to the 2018 baseline. Additionally, we plan to increase the use of renewable electrical energy for our EAF steel mills to 10% by 2025 and 30% by 2030.</p> <p>These goals expand on our existing sustainability focus, leading the steel industry for more than 25 years with our exclusive use of EAF technology, circular manufacturing models, and innovative teams creating solutions to increase efficiencies, reduce raw material usage, reuse secondary materials, and promote material conservation and recycling.</p> <p>We plan to continue our leadership in this area with focus toward:</p> <ul style="list-style-type: none"> • Identifying and implementing emission reduction projects • Improving energy management to reduce emissions and enhance operational efficiency • Increasing the use of renewable energy, including partnering with local utilities • Researching, developing, and implementing innovative technologies <p>2021 Scope 1 and 2 combined emissions intensity decreased 15% compared to the 2018 baseline. This is largely attributed to a decrease in Scope 2 emission rates from our electricity suppliers and from Renewable Energy Certificates (RECs).</p> <p>We continue to have conversations with our electricity suppliers to advance and advocate for renewable and clean energy sources within our existing grid systems.</p>																																				
Air Emissions	Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N ₂ O), (3) SOx, (4) particulate matter (PM ₁₀), (5) manganese (MnO), (6) lead (Pb), (7) volatile organic compounds (VOCs), and (8) polycyclic aromatic hydrocarbons (PAHs)	EM-IS-120a.1	<p>The boundary for this disclosure is our seven EAF steel mills, where most of our emissions occur. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p> <p>Data below is in metric tons, rounded to the nearest ton:</p> <table border="1" data-bbox="974 1062 1892 1338"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>CO</td> <td>5,257</td> <td>3,844</td> <td>4,425</td> </tr> <tr> <td>NOx (excluding N₂O)</td> <td>1,284</td> <td>1,271</td> <td>1,330</td> </tr> <tr> <td>Sox</td> <td>744</td> <td>932</td> <td>909</td> </tr> <tr> <td>Particulate matter (PM₁₀)</td> <td>388</td> <td>397</td> <td>474</td> </tr> <tr> <td>Oxides of Manganese (MnO)</td> <td>see below</td> <td>see below</td> <td>see below</td> </tr> <tr> <td>Lead (Pb)</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Volatile organic compounds (VOCs)</td> <td>255</td> <td>274</td> <td>292</td> </tr> <tr> <td>Polycyclic aromatic hydrocarbons (PAHs)</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>		2019	2020	2021	CO	5,257	3,844	4,425	NOx (excluding N ₂ O)	1,284	1,271	1,330	Sox	744	932	909	Particulate matter (PM ₁₀)	388	397	474	Oxides of Manganese (MnO)	see below	see below	see below	Lead (Pb)	1	1	1	Volatile organic compounds (VOCs)	255	274	292	Polycyclic aromatic hydrocarbons (PAHs)	1	1	1
	2019	2020	2021																																				
CO	5,257	3,844	4,425																																				
NOx (excluding N ₂ O)	1,284	1,271	1,330																																				
Sox	744	932	909																																				
Particulate matter (PM ₁₀)	388	397	474																																				
Oxides of Manganese (MnO)	see below	see below	see below																																				
Lead (Pb)	1	1	1																																				
Volatile organic compounds (VOCs)	255	274	292																																				
Polycyclic aromatic hydrocarbons (PAHs)	1	1	1																																				

Topic	Accounting Metric	Code	Steel Dynamics Disclosure																				
Air Emissions	Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N ₂ O), (3) SOx, (4) particulate matter (PM ₁₀), (5) manganese (MnO), (6) lead (Pb), (7) volatile organic compounds (VOCs), and (8) polycyclic aromatic hydrocarbons (PAHs)	EM-IS-120a.1 (continued)	<p>For our Butler Flat Roll Steel Mill location, there was a change in the CO emission measurement methodology beginning with 2020 resulting in lower reported CO emissions. CO emissions in 2019 were back calculated from the permitted maximum CO limitations, and 2020 and 2021 emissions were calculated using emission factors derived from recent compliance stack test results.</p> <p>We do not have enough data to provide a reliable estimate for MnO air emissions, and we do not consider these emissions to be material.</p>																				
Energy Management	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	EM-IS-130a.1	<p>The boundary for this disclosure is our seven EAF steel mills. These operations represent most of our energy use. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p> <table border="1" data-bbox="976 602 1906 756"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total energy consumed (GJ)</td> <td>43,902,927</td> <td>43,134,023</td> <td>45,865,997</td> </tr> <tr> <td>Percentage grid electricity</td> <td>46%</td> <td>47%</td> <td>46%</td> </tr> <tr> <td>Percentage renewable energy</td> <td>0%</td> <td>0%</td> <td>5%</td> </tr> <tr> <td>Percent renewable electricity</td> <td>0%</td> <td>0%</td> <td>11%</td> </tr> </tbody> </table> <p>SASB specifies that renewable energy cannot be claimed unless RECs or other certified green power products associated with that energy have been acquired. For SASB reporting purposes, 11% of the electricity used at our steel mills in 2021 came from renewable sources. This equates to 5% of our overall 2021 energy use and compares favorably to our 2018 baseline year, which under the SASB disclosure guidance equaled 0% usage of renewable electricity and renewable energy.</p> <p>By way of additional information, in 2021, 17% of our steel mills' electricity came from renewable sources when factoring in the acquired RECs plus the unclaimed renewable power from the grid mix supplied by the local utility as documented in its residual mix emissions factor. (A residual mix emission factor represents the emissions and generation that remain after certificates, contracts, and supplier-specific factors have been claimed and removed from regional or national average emission factors.) A total of 53% of the electricity used at our steel mills was derived from lower-carbon power sources (primarily nuclear, wind and hydroelectric).</p>		2019	2020	2021	Total energy consumed (GJ)	43,902,927	43,134,023	45,865,997	Percentage grid electricity	46%	47%	46%	Percentage renewable energy	0%	0%	5%	Percent renewable electricity	0%	0%	11%
	2019	2020	2021																				
Total energy consumed (GJ)	43,902,927	43,134,023	45,865,997																				
Percentage grid electricity	46%	47%	46%																				
Percentage renewable energy	0%	0%	5%																				
Percent renewable electricity	0%	0%	11%																				
Energy Management	(1) Total fuel consumed, (2) percentage coal, (3) percentage natural gas, (4) percentage renewable	EM-IS-130a.2	<p>The boundary for this disclosure is our seven EAF steel mills. These operations represent most of our fuel use. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p>																				

Topic	Accounting Metric	Code	Steel Dynamics Disclosure																				
Energy Management	(1) Total fuel consumed, (2) percentage coal, (3) percentage natural gas, (4) percentage renewable	EM-IS-130a.2 (continued)	<table border="1"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total fuel consumed (GJ)</td> <td>23,538,466</td> <td>23,019,134</td> <td>24,752,176</td> </tr> <tr> <td>Percentage coal*</td> <td>25%</td> <td>25%</td> <td>23%</td> </tr> <tr> <td>Percentage natural gas</td> <td>73%</td> <td>74%</td> <td>76%</td> </tr> <tr> <td>Percentage renewable</td> <td>0%</td> <td>0%</td> <td>0%</td> </tr> </tbody> </table> <p>* Coal for Steel Dynamics includes carbon units which are used in the steelmaking process as a metallurgical additive as well as for chemical energy.</p>		2019	2020	2021	Total fuel consumed (GJ)	23,538,466	23,019,134	24,752,176	Percentage coal*	25%	25%	23%	Percentage natural gas	73%	74%	76%	Percentage renewable	0%	0%	0%
	2019	2020	2021																				
Total fuel consumed (GJ)	23,538,466	23,019,134	24,752,176																				
Percentage coal*	25%	25%	23%																				
Percentage natural gas	73%	74%	76%																				
Percentage renewable	0%	0%	0%																				
Water Management	(1) Total fresh water withdrawn, (2) percentage recycled, (3) percentage in regions with High or Extremely High Baseline Water Stress	EM-IS-140a.1	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the co-located steel mill. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p> <table border="1"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total fresh water withdrawn (Thousands of cubic meters)</td> <td>13,682</td> <td>14,475</td> <td>15,848</td> </tr> <tr> <td>Percentage recycled*</td> <td>9,819%</td> <td>9,298%</td> <td>8,464%</td> </tr> <tr> <td>Water withdrawn in regions with High or Extremely High Baseline Water Stress as a percentage of total water withdrawn</td> <td>3%</td> <td>3%</td> <td>3%</td> </tr> <tr> <td>Water consumed in regions with High or Extremely High Baseline Water Stress as a percentage of total water consumed</td> <td>4%</td> <td>4%</td> <td>4%</td> </tr> </tbody> </table> <p>*Percentage recycled is an estimate, and reflects the volume recycled divided by the volume of water withdrawn. Water recycled and reused was calculated by subtracting the total volume of water withdrawn from the estimated total water system demand. Estimated total water system demand was calculated based on maximum system ratings and 355 days of operation per year to account for plant maintenance/down days.</p>		2019	2020	2021	Total fresh water withdrawn (Thousands of cubic meters)	13,682	14,475	15,848	Percentage recycled*	9,819%	9,298%	8,464%	Water withdrawn in regions with High or Extremely High Baseline Water Stress as a percentage of total water withdrawn	3%	3%	3%	Water consumed in regions with High or Extremely High Baseline Water Stress as a percentage of total water consumed	4%	4%	4%
	2019	2020	2021																				
Total fresh water withdrawn (Thousands of cubic meters)	13,682	14,475	15,848																				
Percentage recycled*	9,819%	9,298%	8,464%																				
Water withdrawn in regions with High or Extremely High Baseline Water Stress as a percentage of total water withdrawn	3%	3%	3%																				
Water consumed in regions with High or Extremely High Baseline Water Stress as a percentage of total water consumed	4%	4%	4%																				
Waste Management	Amount of waste generated, percentage hazardous, percentage recycled	EM-IS-150a.1	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the co-located steel mill. Our newest mill in Sinton, Texas began initial operations in the fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.</p> <table border="1"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Amount of waste generated (metric tons)</td> <td>396,382</td> <td>394,093</td> <td>388,286</td> </tr> <tr> <td>Percentage hazardous</td> <td>30%</td> <td>29%</td> <td>32%</td> </tr> <tr> <td>Percentage recycled</td> <td>66%</td> <td>62%</td> <td>62%</td> </tr> </tbody> </table>		2019	2020	2021	Amount of waste generated (metric tons)	396,382	394,093	388,286	Percentage hazardous	30%	29%	32%	Percentage recycled	66%	62%	62%				
	2019	2020	2021																				
Amount of waste generated (metric tons)	396,382	394,093	388,286																				
Percentage hazardous	30%	29%	32%																				
Percentage recycled	66%	62%	62%																				

Topic	Accounting Metric	Code	Steel Dynamics Disclosure																				
Workforce Health and Safety	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR) for (a) full-time employees and (b) contract employees	EM-IS-320a.1	<p>The data below covers all United States-based operations and our fabrication operation in Juarez, Mexico. It does not include our Mexico metals recycling operations. We intend to include data for the Mexico metals recycling operations in our 2022 report.</p> <p>For the Mexico operations, data is reported to Mexico regulatory agencies in accordance with their laws, but for company safety management purposes and for these sustainability disclosures, the Mexico data is reported in an effort to be consistent with United States standards for recordkeeping.</p> <table border="1" data-bbox="976 370 1915 609"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total recordable incident rate (TRIR)</td> <td>1.9</td> <td>1.9</td> <td>2.3</td> </tr> <tr> <td>Fatality rate</td> <td>0.01</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>Near miss frequency rate (NMFR) for full-time employees*</td> <td>17</td> <td>14</td> <td>12</td> </tr> <tr> <td>Near miss frequency rate (NMFR) for contract employees</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table> <p>The rates above are based on 200,000 work-hours.</p> <p>We encourage open communication and sharing of all incidents that did or could have resulted in injury. We value and encourage near miss reporting as it serves as an opportunity to learn and improve our safety program without having our team members or their families undergo the pain and potential loss associated with an injury.</p> <p>We do not presently have a system in place to track the number of injuries, fatalities, near misses or work hours for non-employees (contract employees).</p> <p>*Includes incidents that were categorized as either near misses or property damage.</p>		2019	2020	2021	Total recordable incident rate (TRIR)	1.9	1.9	2.3	Fatality rate	0.01	0.00	0.00	Near miss frequency rate (NMFR) for full-time employees*	17	14	12	Near miss frequency rate (NMFR) for contract employees	N/A	N/A	N/A
	2019	2020	2021																				
Total recordable incident rate (TRIR)	1.9	1.9	2.3																				
Fatality rate	0.01	0.00	0.00																				
Near miss frequency rate (NMFR) for full-time employees*	17	14	12																				
Near miss frequency rate (NMFR) for contract employees	N/A	N/A	N/A																				
Supply Chain Management	Discussion of the process for managing iron ore and/or coking coal sourcing risks arising from environmental and social issues	EM-IS-430a.1	<p>As a 100% EAF steel manufacturer, we are not as dependent as integrated steelmakers on upstream sources for iron ore or coking coal. We intentionally developed into a vertically connected metals company comprised of our upstream metals recycling platform, OmniSource. Steel is the most recycled product on earth, and our EAFs use mostly scrap-based raw material mixes, supplemented with virgin and recycled iron units to ensure metallurgical properties. In fact, our metals recycling platform is the largest ferrous recycler in North America, recycling millions of tons annually, with more than half its volume going to our own steel mills.</p>																				

Activity Metric	Code	Steel Dynamics Disclosure																				
Raw steel production, percentage from: (1) basic oxygen furnace processes, (2) electric arc furnace processes	EM-IS-000.A	<p>The data below covers our entire operations:</p> <table border="1" data-bbox="978 191 1923 461"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Raw steel production: basic oxygen furnace processes (metric tons cast)</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Raw steel production: electric arc furnace processes (metric tons cast)</td> <td>8,793,160</td> <td>8,637,670</td> <td>9,113,738</td> </tr> <tr> <td>Raw steel production: basic oxygen furnace processes (%)</td> <td>0%</td> <td>0%</td> <td>0%</td> </tr> <tr> <td>Raw steel production: electric arc furnace processes (%)</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> </tbody> </table>		2019	2020	2021	Raw steel production: basic oxygen furnace processes (metric tons cast)	0	0	0	Raw steel production: electric arc furnace processes (metric tons cast)	8,793,160	8,637,670	9,113,738	Raw steel production: basic oxygen furnace processes (%)	0%	0%	0%	Raw steel production: electric arc furnace processes (%)	100%	100%	100%
	2019	2020	2021																			
Raw steel production: basic oxygen furnace processes (metric tons cast)	0	0	0																			
Raw steel production: electric arc furnace processes (metric tons cast)	8,793,160	8,637,670	9,113,738																			
Raw steel production: basic oxygen furnace processes (%)	0%	0%	0%																			
Raw steel production: electric arc furnace processes (%)	100%	100%	100%																			
Total iron ore production (metric tons)	EM-IS-000.B	<p>The data below covers our entire operations:</p> <table border="1" data-bbox="978 542 1923 607"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total iron ore production (metric tons)</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		2019	2020	2021	Total iron ore production (metric tons)	0	0	0												
	2019	2020	2021																			
Total iron ore production (metric tons)	0	0	0																			
Total coking coal production (metric tons)	EM-IS-000.C	<p>The data below covers our entire operations:</p> <table border="1" data-bbox="978 688 1923 776"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total coking coal production (metric tons)</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>		2019	2020	2021	Total coking coal production (metric tons)	0	0	0												
	2019	2020	2021																			
Total coking coal production (metric tons)	0	0	0																			

2021 GRI Index

The following addresses the individual GRI standards referenced, the location of the content and any comments and omissions if noted. This material references Disclosures 102-1, 102-2, 102-3, 102-4, 102-5, 102-6, 102-7, 102-9, 102-10, 102-13 from GRI 102: General Disclosures 2016 – Organizational Profile, Disclosures 102-14 from GRI 102: General Disclosures 2016 – Strategy, Disclosures 102-16, 102-17 from GRI 102: General Disclosures 2016 – Ethics and Integrity, Disclosures 102-18, 102-23, 102-24, 102-25, 102-28, 102-35, 102-36, 102-38 from GRI 102: General Disclosures 2016 – Governance, Disclosures 102-40, 102-41, 102-42, 102-43 from GRI 102: General Disclosures 2016 – Stakeholder Engagement, Disclosures 102-45, 102-46, 102-47, 102-48, 102-49, 102-50, 102-51, 102-53, 102-55 from GRI 102: General Disclosures 2016 – Reporting Practice, Disclosures 103-1, 103-2, 103-3 from GRI 103: Management Approach 2016, Disclosures 205-1 and 205-2 from GRI 205: Anti-corruption 2016, Disclosure 206-1 from GRI 206: Anti-competitive Behavior 2016, Disclosure 301-2 from GRI 301: Materials 2016, Disclosures 302-1 and 302-3 from GRI 302: Energy 2016, Disclosures 303-1, 303-2, 303-3, 303-4, and 303-5 from GRI 303: Water and Effluents 2018, Disclosure 304-1 from GRI 304: Biodiversity 2016, Disclosures 305-1, 305-2, 305-3, 305-4, 305-5, and 305-7 from GRI 305: Emissions 2016, Disclosure 306-3 from GRI 306: Waste 2020, Disclosure 401-2 from GRI 401: Employment 2016, Disclosures 403-1, 403-2, 403-3, 403-4, 403-5, 403-6, 403-7, 403-8, and 403-9 from GRI 403: Occupational Health and Safety 2018, and Disclosure 404-2 from GRI 404: Training and Education 2016.

GRI 102: General Disclosures – Organization Profile (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-1	Name of the organization	Steel Dynamics, Inc.	
102-2	Activities, brands, products, services	Steel Dynamics is one of the largest domestic steel producers and metals recyclers in the United States, based on estimated steelmaking and metals recycling, with one of the most diversified product and end-market portfolios in the domestic steel industry. We produce steel products, including hot roll, cold roll, and coated sheet steel, structural steel beams and shapes, railroad rail, engineered special-bar-quality steel, cold finished steel, merchant bar products, specialty steel sections and steel joists and deck. In addition, we produce liquid pig iron and process and sell ferrous and nonferrous scrap.	2021 Form 10-K Item 1. Business pages 3-5, 11-18
102-3	Location of headquarters	7575 W Jefferson Blvd., Fort Wayne, IN 46804 USA	
102-4	Location of operations	Steel Dynamics has numerous steel, metals recycling, and steel fabrication operating facilities in multiple states within the United States, a steel fabrication operation located in Juarez, Mexico, and metals recycling facilities at multiple cities in Mexico.	2021 10-K Item 2. Properties page 31
102-5	Ownership and legal form	Steel Dynamics, Inc., an Indiana corporation, is a publicly traded company listed on the Nasdaq Global Select Market (ticker: STLD).	
102-6	Markets served		2021 Form 10-K Item 1. Business pages 11-18
102-7	Scale of the organization		2021 10-K Item 2. Properties page 31
102-9	Describe the organization’s supply chain		2021 10-K Item 1. Business pages 3-5 and 11-18

Standard	Name	Steel Dynamics Disclosure	Reference
102-10	Significant changes to the organization and its supply chain	We had no significant changes in size, structure, ownership, or supply chain. Our newest mill in Sinton, Texas began initial minimal operations in the fourth quarter 2021. With a 3-million-ton capacity once fully operational, our Southwest-Sinton Flat Roll Division will increase our total annual steelmaking capacity by over 25% and expand our product offering even further.	
102-13	Membership of associations	We are members of and participate in various steel, steel fabrication and metals recycling trade associations including the Steel Manufacturers Association, the American Institute of Steel Construction, Association for Iron & Steel Technology, the Institute of Scrap Recycling Industries, the Steel Joist Institute and the Steel Deck Institute.	

GRI 102: General Disclosures – Strategy (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-14	Statement from CEO on sustainability		2021 Sustainability Report, pages 2-4

GRI 102: General Disclosures – Ethics and Integrity (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-16	Values, principles, standards, and norms of behavior		2021 Sustainability Report, pages 11-14
102-17	Mechanisms for advice and concerns about ethics		2021 Sustainability Report, pages 61-62 and Policy Governing the Receipt, Retention and Treatment of Complaints located on our website at https://ir.steeldynamics.com/governance/

GRI 102: General Disclosures – Governance (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-18	Governance structure		2022 Proxy pages 6-7 and 19-29
102-23	Chair of the highest governance body		2022 Proxy page 21
102-24	Nominating and selecting the highest governance body		2022 Proxy pages 21-22
102-25	Conflicts of interest		2022 Proxy page 29
102-28	Evaluating the highest governance body's performance		2022 Proxy page 28

Standard	Name	Steel Dynamics Disclosure	Reference
102-35	Remuneration policies		2022 Proxy pages 45-59
102-36	Process for determining remuneration		2022 Proxy pages 45-59
102-38	Annual total compensation ratio		2022 Proxy page 68

GRI 102: General Disclosures – Stakeholder Engagement (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-40	List of stakeholder groups	Customers, Employees, Vendors, Shareholders, Communities	
102-41	Collective bargaining agreements	On December 31, 2021, 6% of our 10,640 full time employees were represented by collective bargaining agreements.	2021 10-K Item 1. Business page 8 and Item 8 Note 1 page 60
102-42	Identifying and Selecting Stakeholders	We maintain ongoing dialogue with our customers, employees, vendors, shareholders, and communities. We stay in regular contact and periodically receive inquiries and requests for engagement from these groups.	
102-43	Approach to stakeholder engagement	We maintain ongoing dialogue with our customers, employees, vendors, shareholders, and communities. We engage with our customers through calls, customer visits and certifications to best meet their needs. We engage with our team members through toolbox talks, regular team meetings, regular facility walks, an open-door policy, Safety Alerts, training, team member surveys, company picnics and holiday parties. We engage with our vendors through our vendor verification process and regular discussions on our product needs. We engage with our shareholders through calls, conferences, non-deal road shows, meetings, and facility tours. We engage with our communities through volunteering with local charities, charitable donations, providing site tours and visiting schools to talk about recycling. A cross-functional group of internal team members participated in the development of this report. Due to COVID-19, some of these activities were limited in 2021.	

GRI 102: General Disclosures – Reporting Practice (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
102-45	Entities included in the consolidated financial statements	<p>The Steel Dynamics, Inc. consolidated financial statements are included in the 2021 Form 10-K filed with the United States Securities and Exchange Commission. A listing of our significant subsidiaries included in our consolidated financial statements can be found in Exhibit 21.1 of our Form 10-K. The consolidated financial statements are prepared in accordance with United States generally accepted accounting principles.</p> <p>For environmental disclosures, Steel Dynamics' materials, energy, water, greenhouse gas, other emissions, and waste data are derived from the operations of our seven EAF steel mills and for water and waste data also includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the steel mill.</p>	2021 10-K Exhibit 21.1

Standard	Name	Steel Dynamics Disclosure	Reference
102-45 (continued)	Entities included in the consolidated financial statements	Our newest mill in Sinton, Texas began initial operations in fourth quarter 2021, with relatively minimal contribution to these totals as the facility was in start-up mode and only operated for part of the year.	2021 10-K Exhibit 21.1
102-46	Defining report content and topic boundaries	To define the report content and identify the sustainability material topics to be included in this report, the reporting team conducted a customized materiality assessment. The reporting team engaged with a cross-functional group of internal team members who have responsibility for sustainability matters to discuss the impacts on economic, societal and environmental items. In addition, the focus group consulted third parties with expertise in topics material to our industry. This focus group generated a list of potential topics and proposed topic boundaries. The reporting team reconciled this list to GRI topics, creating a master list of potential topics to further evaluate and rank in the materiality assessment stage of the reporting process. Senior managers of the company reviewed the materiality assessment and affirmed proposed topic-specific standards and boundaries. Feedback from internal team members, along with feedback from our general engagement with external constituents, was utilized to define the content of this report.	
102-47	List of Material Topics	Recycled Materials, Energy Used, Water Withdrawal, Water Reused, GHG Emissions, Air Emissions, Waste, Safety of Employees, and Workforce Training	
102-48	Restatements of information	We aim to provide as accurate and up to date as possible data to allow constituents to understand our performance and compare it to prior periods. Where appropriate, historical data has been restated to present data on a consistent and comparable basis and where material, an explanation is provided.	
102-49	Changes in reporting	We added disclosures 205-1 and 205-2 from GRI 205: Anti-corruption 2016; 206-1 from GRI 206: Anti-competitive Behavior 2016; 304-1 from GRI 304: Biodiversity 2016; 305-5 from GRI 305: Emissions 2016; and 401-2 from GRI 401: Employment 2016. We have also adopted disclosure 306-3 from GRI 306: Waste 2020.	
102-50	Reporting period	Our 2021 GRI Index and 2021 Sustainability Report presents data for the 2021 calendar year.	
102-51	Date of most recent report	Our most recent report was the 2020 GRI Index and 2020 Sustainability Update issued in February 2022.	
102-53	Contact point for questions regarding this report	Please send comments or questions about this Report to investors@steeldynamics.com, or in writing to: Attention: Investor Relations / Sustainability Report 7575 W Jefferson Blvd. Fort Wayne, IN 46804 USA	
102-55	GRI index	This document is our GRI index which is also available on our website.	https://www.steeldynamics.com/sustainability-reporting/

Economic Disclosures – GRI 205: Anti-Corruption (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	This topic is monitored on a companywide basis and is presented here as it may be relevant to various constituents. We believe that every team member contributes to our success, not only through productivity and innovation, but also through personal integrity. Our Code of Business Conduct and Ethics (“Code of Conduct”) establishes our commitment to act with integrity and ensure ethical and lawful business conduct in every aspect of our company.	Steel Dynamics Code of Business Conduct and Ethics and Code of Ethics for Principal Executive Officers and Senior Financial Officers located on our website at https://ir.steeldynamics.com/governance

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3 (continued)	Management Approach	<p>We regularly monitor, update, and conduct a broad corporate risk assessment process. We also conduct ongoing corporate compliance training, covering the risk of unlawful or unethical conduct, including training in the Foreign Corrupt Practices Act. The purpose of such training is to educate, discourage and prevent the occurrence of any such unlawful or unethical conduct.</p> <p>We have a policy covering conflicts of interest and anti-corruption. All employees are required to identify related party relationships (as defined in the Statement of Policy for the Review, Approval or Ratification of Transactions with Related Persons) requiring the review and approval by the top executive at the employees' operating division up to and including the Audit Committee of the Board of Directors. Internal Audit independently searches for potential conflicts of interest using employee and vendor databases. Disclosure of related person transactions is made where required by the Securities Act of 1933, the Securities Exchange Act of 1934, and related rules and regulations.</p> <p>Our employees have an obligation to conduct business within guidelines that prohibit actual or potential conflicts of interest and to refrain from any conduct that is detrimental to the company or to the company's interest. Our "Conflict of Interest" policy establishes the framework within which we operate our business, and which is communicated to and available to every employee in our Employee Handbook. Employees are educated on the need to report transactions that involve an actual or potential conflict of interest. They are required to obtain the written approval of management before engaging in any related party transaction. All related party transactions are reviewed by internal audit, reported to the Audit Committee, and, when required, approved by the Audit Committee and disclosed in our Proxy.</p> <p>In the context of mergers and acquisitions, we conduct anti-corruption due diligence with respect to potential targets. We conduct in-depth investigations and interviews with, among others, owners, managers, and employees, as well as a review of agreements and comparisons to various anti-corruption lists.</p> <p>Moreover, donations and sponsorships are made to organizations that are vetted and determined to be legitimate, government-recognized non-profit entities.</p>	Steel Dynamics Code of Business Conduct and Ethics and Code of Ethics for Principal Executive Officers and Senior Financial Officers located on our website at https://ir.steeldynamics.com/governance
205 - 1	Operations assessed for risks related to corruption	All of our operations are assessed for risks related to corruption. No significant risks related to corruption were identified through the risk assessment.	
205 - 2	Communication and training about anti-corruption policies and procedures	All board members and employees receive policies, procedures, and information related to anti-corruption.	

Economic Disclosures – GRI 206: Anti-Competitive Behavior (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	This topic is monitored on a companywide basis and is presented here as it may be relevant to various constituents. We are dedicated to the principles of commercial fair dealing in all aspects of our business operations.	Steel Dynamics Code of Business Conduct and Ethics and Code of Ethics for Principal Executive

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3 (continued)	Management Approach	It is our policy to compete fairly and legitimately, and to comply in all respects with federal, state and foreign antitrust and similar fair competition laws and regulations.	Officers and Senior Financial Officers located on our website at https://ir.steeldynamics.com/governance
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	There have been no legal actions during the reporting period involving these identified acts.	

Environmental Disclosures – GRI 301: Materials (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>Metallic raw materials are the single largest raw material input for our steel operations, representing approximately 55% to 65% of our costs to produce steel. As such, we maintain a reliable, high-quality supply through our metals recycling operations and Iron Dynamics scrap substitute facility. Our metals recycling operations consist of both ferrous and nonferrous scrap metal processing, transportation, marketing, and brokerage services strategically located primarily in close proximity to our steel mills and other end-user scrap consumers throughout the United States, and Central and Northern Mexico.</p> <p>We recognize the importance of being good stewards of our environment and the communities where we work and live. We continually evaluate opportunities to improve our processes, equipment and technology to reduce our impact on the environment. To us, it's more than simply meeting the requirements, but going beyond with a commitment to high environmental standards. The Butler Flat Roll Division and Columbus Flat Roll Division utilize environmental management systems that are certified with the International Organization for Standardization 14001.</p> <p>We continue to utilize our metals recycling operations to reintroduce ferrous scrap materials into the manufacturing life cycle to be made into new steel products once again. As an example of our continuing focus to recycle metal materials and reduce waste, we have continued to invest in separation technologies that have allowed us to recover more usable metals and reduce our shipments to landfills.</p> <p>Management reviews and evaluates conversion costs and material usage per ton. We believe in empowering our team members and rewarding them for their achievements through a performance-based compensation program. One component of this program focuses on team members' productivity, cost control and efficient use of assets.</p>	2021 Sustainability Report page 38 and Environmental Policy located on our website at https://ir.steeldynamics.com/governance/
301-2	Recycled input materials used	The boundary for this disclosure is the melt mix at our seven EAF steel mills. The melt mix includes ferrous scrap metals, iron units, lime and other alloys.	2021 Sustainability Report page 38

Environmental Disclosures – GRI 302: Energy (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>Electricity and natural gas are required to melt ferrous materials and transform metal into high-quality finished steel products at our seven EAF steel mills. Management conducts regular operational reviews of energy volumes and costs within each department and facility. Additionally, our facilities share best practices on energy conservation to ensure continual improvement.</p> <p>Management reviews and evaluates conversion costs and energy usage per ton to ensure we operate as efficiently as possible. We believe in empowering our team members and rewarding them for their achievements through a performance-based compensation program. One component of this program focuses on team members’ productivity, cost control, and efficient use of assets.</p> <p>In 2021, we set a goal for our EAF steel mill operations to be carbon neutral by 2050. To achieve this target, we also set interim emissions reductions and renewable electrical energy milestones to be achieved by 2025 and 2030. As it relates to the renewable electrical energy milestones, we plan to increase the use of renewable electrical energy for our EAF steel mills to 10% by 2025 and 30% by 2030.</p> <p>We plan to continue our leadership in this area with focus toward:</p> <ul style="list-style-type: none"> • Improving energy management to reduce emissions and enhance operational efficiency • Increasing the use of renewable energy, including partnering with local utilities • Researching, developing, and implementing innovative technologies <p>Since 2018 (our baseline year), we have increased our use of renewable electrical energy to 11% within our steel mill operations, already achieving our 2025 renewable energy goal.</p>	<p>2021 Sustainability Report pages 47-48 and Environmental Policy located on our website at https://ir.steeldynamics.com/governance/</p>

Standard	Name	Steel Dynamics Disclosure	Reference																																
302-1	Energy consumption within the organization	<p>The boundary for this disclosure is our seven EAF steel mills. These operations represent most of our energy use. The data below is in gigajoules:</p> <table border="1" data-bbox="583 237 1472 716"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Total fuel consumption within the organization from non-renewable sources</td> <td>23,538,466</td> <td>23,019,134</td> <td>24,747,739</td> </tr> <tr> <td>Total fuel consumption within the organization from renewable sources</td> <td>0</td> <td>0</td> <td>4,438</td> </tr> <tr> <td>Electricity consumption</td> <td>20,364,461</td> <td>20,114,889</td> <td>21,113,820</td> </tr> <tr> <td>Renewable electricity consumption</td> <td colspan="2"></td> <td>2,428,058</td> </tr> <tr> <td>% of electricity from renewable sources</td> <td colspan="2"></td> <td>11%</td> </tr> <tr> <td>Total energy consumption within the organization</td> <td>43,902,927</td> <td>43,134,023</td> <td>45,865,997</td> </tr> <tr> <td>% of energy from renewable sources</td> <td colspan="2"></td> <td>5%</td> </tr> </tbody> </table> <p>Our fuel consumption from non-renewable sources includes the following types: natural gas, carbon units, gasoline, diesel, and propane. Our fuel consumption from renewable sources includes use of biocarbon. We did not purchase material amounts of steam or chilled water for the period presented. Our manufacturing processes do utilize steam, heating and cooling generated from energy consumption, but to avoid double-counting of energy amounts already reflected above, those are not separately reported. We did not sell material amounts of energy of any type to an external source for the period presented. The quantities of natural gas, carbon units, gasoline, diesel fuel and propane were accounted for based on invoices from vendors that provide these fuels. Generally-accepted energy contents of natural gas, gasoline, diesel fuel and propane were then used to calculate the energy content. For purchased electricity, we utilized the electrical consumption from invoices. Conversion factors used are readily available.</p>		2019	2020	2021	Total fuel consumption within the organization from non-renewable sources	23,538,466	23,019,134	24,747,739	Total fuel consumption within the organization from renewable sources	0	0	4,438	Electricity consumption	20,364,461	20,114,889	21,113,820	Renewable electricity consumption			2,428,058	% of electricity from renewable sources			11%	Total energy consumption within the organization	43,902,927	43,134,023	45,865,997	% of energy from renewable sources			5%	2021 Sustainability Report pages 47-48
	2019	2020	2021																																
Total fuel consumption within the organization from non-renewable sources	23,538,466	23,019,134	24,747,739																																
Total fuel consumption within the organization from renewable sources	0	0	4,438																																
Electricity consumption	20,364,461	20,114,889	21,113,820																																
Renewable electricity consumption			2,428,058																																
% of electricity from renewable sources			11%																																
Total energy consumption within the organization	43,902,927	43,134,023	45,865,997																																
% of energy from renewable sources			5%																																
302-3	Energy intensity	<p>The boundary for this disclosure is our seven EAF steel mills. These operations represent most of our energy use. Energy intensity is calculated as natural gas, carbon units, fuels, and electricity as gigajoules per cast steel metric ton.</p> <table border="1" data-bbox="810 1187 1331 1247"> <thead> <tr> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>5.0</td> <td>5.0</td> <td>5.0</td> </tr> </tbody> </table>	2019	2020	2021	5.0	5.0	5.0	2021 Sustainability Report page 47																										
2019	2020	2021																																	
5.0	5.0	5.0																																	

Environmental Disclosures – GRI 303: Water and Effluents (2018)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>We recognize that, as corporate citizens, we must understand potential environmental impacts of our steelmaking process, so we ensure these natural resources are used responsibly. We use withdrawn water for contact- and non-contact cooling water in our steel mills, where cooling is necessary to protect equipment and to make high-quality steel products.</p> <p>Our Roanoke Bar Division is our only steel mill located in a high stress water region as defined by World Resources Institute’s Aqueduct and this facility accounts for only 3% of our total annual water withdrawn. We understand the impact our operations may have on the water supply at the local level and have implemented water reuse programs at each of our steel mills. Our facilities are designed with cascading water systems to maximize the reuse of withdrawn water. Water from noncontact water systems is reused in other noncontact water systems or in contact water systems.</p> <p>To evaluate the amount of water withdrawn, our water wells utilized for production processes have flow meters, and the results are reviewed and directly communicated to management and are included as applicable in an annual report to the designated state regulatory authority.</p>	<p>2021 Sustainability Report page 49 and Environmental Policy located on our website at https://ir.steeldynamics.com/governance/</p>
303-1	Interactions with water as a shared resource	<p>Our steelmaking facilities require water for contact and non-contact purposes which primarily include cooling and descaling. In 2021, 90% of our water withdrawn was from groundwater wells at our sites, 7% from municipal water sources, and 3% from surface water sources.</p> <p>Water withdrawn from our on-site wells is reported annually as applicable to the respective state agencies for purposes of tracking and planning for water resources. We do routine maintenance and pump testing of our wells to monitor the well and aquifer source.</p> <p>Environmental engineers and management monitor our water usage monthly. There are currently no known concerns with water quality or supply and therefore, we have not established water-related goals and targets at this time.</p>	<p>2021 Sustainability Report page 49</p>
303-2	Management of water discharge-related impacts	<p>None of our steelmaking facilities operate in locations without local discharge requirements. Effluent discharges at all our EAF steel mills are regulated through National Pollutant Discharge Elimination System (NPDES) permits, Industrial Pretreatment permits, and/or by local ordinance limitations. Where applicable, sector-specific federal limitations for Iron and Steel Manufacturing Point Sources are contained in our permits. These standards are in place to protect state, regional and local water quality. These limitations are designed to reflect local circumstances and the receiving waterbody quality.</p> <p>We routinely test our wastewater discharges to proactively evaluate treatment performance and for regulatory compliance. Testing is done in-house as well as using external certified labs. Vendors who specialize in wastewater treatment in the steel industry are employed to give technical guidance and provide regular on-site assistance and oversight.</p>	

Standard	Name	Steel Dynamics Disclosure	Reference																																																																																					
303-3	Water withdrawal	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the co-located steel mill. These operations represent most of our water withdrawal. The data below is in megaliters (same as million liters, or thousand cubic meters):</p> <table border="1" data-bbox="583 293 1572 1042"> <thead> <tr> <th colspan="4" data-bbox="583 293 1572 326"><i>Water withdrawal 2021</i></th> </tr> <tr> <th data-bbox="583 326 743 375"></th> <th data-bbox="743 326 1272 375"></th> <th data-bbox="1272 326 1417 375"><i>All areas</i></th> <th data-bbox="1417 326 1572 375"><i>Areas with water stress</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="583 375 743 407"></td> <td data-bbox="743 375 1272 407">Surface water (total)</td> <td data-bbox="1272 375 1417 407">412</td> <td data-bbox="1417 375 1572 407">0</td> </tr> <tr> <td data-bbox="583 407 743 440"></td> <td data-bbox="743 407 1272 440">Freshwater (≤1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 407 1417 440">412</td> <td data-bbox="1417 407 1572 440">0</td> </tr> <tr> <td data-bbox="583 440 743 472"></td> <td data-bbox="743 440 1272 472">Other water (>1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 440 1417 472">0</td> <td data-bbox="1417 440 1572 472">0</td> </tr> <tr> <td data-bbox="583 472 743 505"></td> <td data-bbox="743 472 1272 505">Groundwater (total)</td> <td data-bbox="1272 472 1417 505">14,681</td> <td data-bbox="1417 472 1572 505">468</td> </tr> <tr> <td data-bbox="583 505 743 537"></td> <td data-bbox="743 505 1272 537">Freshwater (≤1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 505 1417 537">14,681</td> <td data-bbox="1417 505 1572 537">468</td> </tr> <tr> <td data-bbox="583 537 743 570"></td> <td data-bbox="743 537 1272 570">Other water (>1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 537 1417 570">0</td> <td data-bbox="1417 537 1572 570">0</td> </tr> <tr> <td data-bbox="583 570 743 602"></td> <td data-bbox="743 570 1272 602">Seawater (total)</td> <td data-bbox="1272 570 1417 602">0</td> <td data-bbox="1417 570 1572 602">0</td> </tr> <tr> <td data-bbox="583 602 743 634">Water withdrawal by source</td> <td data-bbox="743 602 1272 634">Freshwater (≤1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 602 1417 634">0</td> <td data-bbox="1417 602 1572 634">0</td> </tr> <tr> <td data-bbox="583 634 743 667"></td> <td data-bbox="743 634 1272 667">Other water (>1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 634 1417 667">0</td> <td data-bbox="1417 634 1572 667">0</td> </tr> <tr> <td data-bbox="583 667 743 699"></td> <td data-bbox="743 667 1272 699">Produced water (total)</td> <td data-bbox="1272 667 1417 699">0</td> <td data-bbox="1417 667 1572 699">0</td> </tr> <tr> <td data-bbox="583 699 743 732"></td> <td data-bbox="743 699 1272 732">Freshwater (≤1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 699 1417 732">0</td> <td data-bbox="1417 699 1572 732">0</td> </tr> <tr> <td data-bbox="583 732 743 764"></td> <td data-bbox="743 732 1272 764">Other water (>1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 732 1417 764">0</td> <td data-bbox="1417 732 1572 764">0</td> </tr> <tr> <td data-bbox="583 764 743 797"></td> <td data-bbox="743 764 1272 797">Third-party water (total)</td> <td data-bbox="1272 764 1417 797">1,186</td> <td data-bbox="1417 764 1572 797">14</td> </tr> <tr> <td data-bbox="583 797 743 829"></td> <td data-bbox="743 797 1272 829">Freshwater (≤1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 797 1417 829">1,186</td> <td data-bbox="1417 797 1572 829">14</td> </tr> <tr> <td data-bbox="583 829 743 862"></td> <td data-bbox="743 829 1272 862">Other water (>1,000 mg/L Total Dissolved Solids)</td> <td data-bbox="1272 829 1417 862">0</td> <td data-bbox="1417 829 1572 862">0</td> </tr> <tr> <td data-bbox="583 862 743 894"></td> <td data-bbox="743 862 1062 894" rowspan="4">Total third-party water withdrawal by source</td> <td data-bbox="1062 862 1272 894">Surface water</td> <td data-bbox="1272 862 1572 894">14</td> </tr> <tr> <td data-bbox="583 894 743 927"></td> <td data-bbox="1062 894 1272 927">Groundwater</td> <td data-bbox="1272 894 1572 927">0</td> </tr> <tr> <td data-bbox="583 927 743 959"></td> <td data-bbox="1062 927 1272 959">Seawater</td> <td data-bbox="1272 927 1572 959">0</td> </tr> <tr> <td data-bbox="583 959 743 992"></td> <td data-bbox="1062 959 1272 992">Produced water</td> <td data-bbox="1272 959 1572 992">0</td> </tr> <tr> <td data-bbox="583 992 743 1042">Total water withdrawal</td> <td data-bbox="743 992 1272 1042">Surface water (total) + groundwater (total) + seawater (total) + produced water (total) + third-party water (total)</td> <td data-bbox="1272 992 1417 1042">16,278</td> <td data-bbox="1417 992 1572 1042">482</td> </tr> </tbody> </table>	<i>Water withdrawal 2021</i>						<i>All areas</i>	<i>Areas with water stress</i>		Surface water (total)	412	0		Freshwater (≤1,000 mg/L Total Dissolved Solids)	412	0		Other water (>1,000 mg/L Total Dissolved Solids)	0	0		Groundwater (total)	14,681	468		Freshwater (≤1,000 mg/L Total Dissolved Solids)	14,681	468		Other water (>1,000 mg/L Total Dissolved Solids)	0	0		Seawater (total)	0	0	Water withdrawal by source	Freshwater (≤1,000 mg/L Total Dissolved Solids)	0	0		Other water (>1,000 mg/L Total Dissolved Solids)	0	0		Produced water (total)	0	0		Freshwater (≤1,000 mg/L Total Dissolved Solids)	0	0		Other water (>1,000 mg/L Total Dissolved Solids)	0	0		Third-party water (total)	1,186	14		Freshwater (≤1,000 mg/L Total Dissolved Solids)	1,186	14		Other water (>1,000 mg/L Total Dissolved Solids)	0	0		Total third-party water withdrawal by source	Surface water	14		Groundwater	0		Seawater	0		Produced water	0	Total water withdrawal	Surface water (total) + groundwater (total) + seawater (total) + produced water (total) + third-party water (total)	16,278	482	2021 Sustainability Report page 49
<i>Water withdrawal 2021</i>																																																																																								
		<i>All areas</i>	<i>Areas with water stress</i>																																																																																					
	Surface water (total)	412	0																																																																																					
	Freshwater (≤1,000 mg/L Total Dissolved Solids)	412	0																																																																																					
	Other water (>1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Groundwater (total)	14,681	468																																																																																					
	Freshwater (≤1,000 mg/L Total Dissolved Solids)	14,681	468																																																																																					
	Other water (>1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Seawater (total)	0	0																																																																																					
Water withdrawal by source	Freshwater (≤1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Other water (>1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Produced water (total)	0	0																																																																																					
	Freshwater (≤1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Other water (>1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Third-party water (total)	1,186	14																																																																																					
	Freshwater (≤1,000 mg/L Total Dissolved Solids)	1,186	14																																																																																					
	Other water (>1,000 mg/L Total Dissolved Solids)	0	0																																																																																					
	Total third-party water withdrawal by source	Surface water	14																																																																																					
		Groundwater	0																																																																																					
		Seawater	0																																																																																					
		Produced water	0																																																																																					
Total water withdrawal	Surface water (total) + groundwater (total) + seawater (total) + produced water (total) + third-party water (total)	16,278	482																																																																																					

Standard	Name	Steel Dynamics Disclosure			Reference		
303-3 (continued)	Water withdrawal	<i>Water withdrawal 2020</i>			2021 Sustainability Report page 49		
		Water withdrawal by source		<i>All areas</i>		<i>Areas with water stress</i>	
			Surface water (total)	0		0	
			Freshwater (≤1,000 mg/L Total Dissolved Solids)	0		0	
			Other water (>1,000 mg/L Total Dissolved Solids)	0		0	
			Groundwater (total)	13,220		383	
			Freshwater (≤1,000 mg/L Total Dissolved Solids)	13,220		383	
			Other water (>1,000 mg/L Total Dissolved Solids)	0		0	
			Seawater (total)	0		0	
			Freshwater (≤1,000 mg/L Total Dissolved Solids)	0		0	
			Other water (>1,000 mg/L Total Dissolved Solids)	0		0	
			Produced water (total)	0		0	
			Freshwater (≤1,000 mg/L Total Dissolved Solids)	0		0	
			Other water (>1,000 mg/L Total Dissolved Solids)	0		0	
			Third-party water (total)	1,255		80	
			Freshwater (≤1,000 mg/L Total Dissolved Solids)	1,255		80	
			Other water (>1,000 mg/L Total Dissolved Solids)	0		0	
			Total third-party water withdrawal by source	Surface water			80
				Groundwater			0
				Seawater			0
Produced water				0			
Total water withdrawal	Surface water (total) + groundwater (total) + seawater (total) + produced water (total) + third- party water (total)	14,475	463				

Standard	Name	Steel Dynamics Disclosure			Reference		
303-3 (continued)	Water withdrawal	<i>Water withdrawal 2019</i>			2021 Sustainability Report page 49		
		Water withdrawal by source		<i>All areas</i>		<i>Areas with water stress</i>	
			Surface water (total)	0		0	
			Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	0		0	
			Other water ($> 1,000$ mg/L Total Dissolved Solids)	0		0	
			Groundwater (total)	12,440		371	
			Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	12,440		371	
			Other water ($> 1,000$ mg/L Total Dissolved Solids)	0		0	
			Seawater (total)	0		0	
			Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	0		0	
			Other water ($> 1,000$ mg/L Total Dissolved Solids)	0		0	
			Produced water (total)	0		0	
			Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	0		0	
			Other water ($> 1,000$ mg/L Total Dissolved Solids)	0		0	
			Third-party water (total)	1,243		88	
			Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	1,243		88	
			Other water ($> 1,000$ mg/L Total Dissolved Solids)	0		0	
			Total third-party water withdrawal by source	Surface water			88
				Groundwater			0
				Seawater			0
Produced water		0					
Total water withdrawal	Surface water (total) + groundwater (total) + seawater (total) + produced water (total) + third- party water (total)	13,682	460				
<p>We did not withdraw or directly use any amount of water from seawater or produced water. GRI defines produced water as water that enters an organization’s boundary as a result of extraction (e.g., crude oil), processing (e.g., sugar cane crushing), or use of any raw material, and has to consequently be managed by the organization.</p>							

Standard	Name	Steel Dynamics Disclosure	Reference																																																																						
303-4	Water discharge	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the co-located steel mill. These operations represent most of our water discharged. The data below is in megaliters (same as million liters, or thousand cubic meters):</p> <table border="1" data-bbox="596 280 1577 751"> <thead> <tr> <th colspan="4" data-bbox="596 280 1577 310"><i>Water discharge 2021</i></th> </tr> <tr> <th data-bbox="596 310 764 362"></th> <th data-bbox="764 310 1289 362"></th> <th data-bbox="1289 310 1430 362"><i>All areas</i></th> <th data-bbox="1430 310 1577 362"><i>Areas with water stress</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="596 362 764 475" rowspan="5">Water discharge by destination</td> <td data-bbox="764 362 1289 391">Surface water</td> <td data-bbox="1289 362 1430 391">5,128</td> <td data-bbox="1430 362 1577 391"></td> </tr> <tr> <td data-bbox="764 391 1289 420">Groundwater</td> <td data-bbox="1289 391 1430 420">0</td> <td data-bbox="1430 391 1577 420"></td> </tr> <tr> <td data-bbox="764 420 1289 449">Seawater</td> <td data-bbox="1289 420 1430 449">0</td> <td data-bbox="1430 420 1577 449"></td> </tr> <tr> <td data-bbox="764 449 1289 475">Third-party water (total)</td> <td data-bbox="1289 449 1430 475">1,886</td> <td data-bbox="1430 449 1577 475"></td> </tr> <tr> <td data-bbox="764 475 1289 547">Third-party water sent for use to other organizations</td> <td data-bbox="1289 475 1430 547">0</td> <td data-bbox="1430 475 1577 547"></td> </tr> <tr> <td data-bbox="596 547 764 602">Total water discharge</td> <td data-bbox="764 547 1289 602">Surface water + groundwater + seawater + third-party water (total)</td> <td data-bbox="1289 547 1430 602">7,014</td> <td data-bbox="1430 547 1577 602">119</td> </tr> <tr> <td data-bbox="596 602 764 751" rowspan="2">Water discharge by freshwater and other water</td> <td data-bbox="764 602 1289 649">Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)</td> <td data-bbox="1289 602 1430 649">5,601</td> <td data-bbox="1430 602 1577 649">119</td> </tr> <tr> <td data-bbox="764 649 1289 751">Other water ($> 1,000$ mg/L Total Dissolved Solids)</td> <td data-bbox="1289 649 1430 751">1,413</td> <td data-bbox="1430 649 1577 751">0</td> </tr> </tbody> </table> <table border="1" data-bbox="596 784 1577 1255"> <thead> <tr> <th colspan="4" data-bbox="596 784 1577 813"><i>Water discharge 2020</i></th> </tr> <tr> <th data-bbox="596 813 764 865"></th> <th data-bbox="764 813 1289 865"></th> <th data-bbox="1289 813 1430 865"><i>All areas</i></th> <th data-bbox="1430 813 1577 865"><i>Areas with water stress</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="596 865 764 979" rowspan="5">Water discharge by destination</td> <td data-bbox="764 865 1289 894">Surface water</td> <td data-bbox="1289 865 1430 894">4,461</td> <td data-bbox="1430 865 1577 894"></td> </tr> <tr> <td data-bbox="764 894 1289 924">Groundwater</td> <td data-bbox="1289 894 1430 924">0</td> <td data-bbox="1430 894 1577 924"></td> </tr> <tr> <td data-bbox="764 924 1289 953">Seawater</td> <td data-bbox="1289 924 1430 953">0</td> <td data-bbox="1430 924 1577 953"></td> </tr> <tr> <td data-bbox="764 953 1289 979">Third-party water (total)</td> <td data-bbox="1289 953 1430 979">2,044</td> <td data-bbox="1430 953 1577 979"></td> </tr> <tr> <td data-bbox="764 979 1289 1050">Third-party water sent for use to other organization</td> <td data-bbox="1289 979 1430 1050">0</td> <td data-bbox="1430 979 1577 1050"></td> </tr> <tr> <td data-bbox="596 1050 764 1105">Total water discharge</td> <td data-bbox="764 1050 1289 1105">Surface water + groundwater + seawater + third-party water (total)</td> <td data-bbox="1289 1050 1430 1105">6,505</td> <td data-bbox="1430 1050 1577 1105">131</td> </tr> <tr> <td data-bbox="596 1105 764 1255" rowspan="2">Water discharge by freshwater and other water</td> <td data-bbox="764 1105 1289 1153">Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)</td> <td data-bbox="1289 1105 1430 1153">4,999</td> <td data-bbox="1430 1105 1577 1153">131</td> </tr> <tr> <td data-bbox="764 1153 1289 1255">Other water ($> 1,000$ mg/L Total Dissolved Solids)</td> <td data-bbox="1289 1153 1430 1255">1,506</td> <td data-bbox="1430 1153 1577 1255">0</td> </tr> </tbody> </table>	<i>Water discharge 2021</i>						<i>All areas</i>	<i>Areas with water stress</i>	Water discharge by destination	Surface water	5,128		Groundwater	0		Seawater	0		Third-party water (total)	1,886		Third-party water sent for use to other organizations	0		Total water discharge	Surface water + groundwater + seawater + third-party water (total)	7,014	119	Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	5,601	119	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,413	0	<i>Water discharge 2020</i>						<i>All areas</i>	<i>Areas with water stress</i>	Water discharge by destination	Surface water	4,461		Groundwater	0		Seawater	0		Third-party water (total)	2,044		Third-party water sent for use to other organization	0		Total water discharge	Surface water + groundwater + seawater + third-party water (total)	6,505	131	Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	4,999	131	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,506	0	
<i>Water discharge 2021</i>																																																																									
		<i>All areas</i>	<i>Areas with water stress</i>																																																																						
Water discharge by destination	Surface water	5,128																																																																							
	Groundwater	0																																																																							
	Seawater	0																																																																							
	Third-party water (total)	1,886																																																																							
	Third-party water sent for use to other organizations	0																																																																							
Total water discharge	Surface water + groundwater + seawater + third-party water (total)	7,014	119																																																																						
Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	5,601	119																																																																						
	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,413	0																																																																						
<i>Water discharge 2020</i>																																																																									
		<i>All areas</i>	<i>Areas with water stress</i>																																																																						
Water discharge by destination	Surface water	4,461																																																																							
	Groundwater	0																																																																							
	Seawater	0																																																																							
	Third-party water (total)	2,044																																																																							
	Third-party water sent for use to other organization	0																																																																							
Total water discharge	Surface water + groundwater + seawater + third-party water (total)	6,505	131																																																																						
Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	4,999	131																																																																						
	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,506	0																																																																						

Standard	Name	Steel Dynamics Disclosure	Reference																																			
303-4 (continued)	Water discharge	<table border="1"> <thead> <tr> <th colspan="4">Water discharge 2019</th> </tr> <tr> <th></th> <th></th> <th>All areas</th> <th>Areas with water stress</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Water discharge by destination</td> <td>Surface water</td> <td>4,370</td> <td></td> </tr> <tr> <td>Groundwater</td> <td>0</td> <td></td> </tr> <tr> <td>Seawater</td> <td>0</td> <td></td> </tr> <tr> <td>Third-party water (total)</td> <td>1,894</td> <td></td> </tr> <tr> <td>Third-party water sent for use to other organization</td> <td>0</td> <td></td> </tr> <tr> <td>Total water discharge</td> <td>Surface water + groundwater + seawater + third-party water (total)</td> <td>6,263</td> <td>179</td> </tr> <tr> <td rowspan="2">Water discharge by freshwater and other water</td> <td>Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)</td> <td>4,841</td> <td>179</td> </tr> <tr> <td>Other water ($> 1,000$ mg/L Total Dissolved Solids)</td> <td>1,422</td> <td>0</td> </tr> </tbody> </table> <p>Water indirectly discharged from our Butler, Indiana facility to a sewer system for further treatment was mistakenly characterized as freshwater in the 2019 and 2020 data previously disclosed and has been corrected and re-stated above.</p>	Water discharge 2019						All areas	Areas with water stress	Water discharge by destination	Surface water	4,370		Groundwater	0		Seawater	0		Third-party water (total)	1,894		Third-party water sent for use to other organization	0		Total water discharge	Surface water + groundwater + seawater + third-party water (total)	6,263	179	Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	4,841	179	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,422	0	
Water discharge 2019																																						
		All areas	Areas with water stress																																			
Water discharge by destination	Surface water	4,370																																				
	Groundwater	0																																				
	Seawater	0																																				
	Third-party water (total)	1,894																																				
	Third-party water sent for use to other organization	0																																				
Total water discharge	Surface water + groundwater + seawater + third-party water (total)	6,263	179																																			
Water discharge by freshwater and other water	Freshwater ($\leq 1,000$ mg/L Total Dissolved Solids)	4,841	179																																			
	Other water ($> 1,000$ mg/L Total Dissolved Solids)	1,422	0																																			
303-5	Water consumption	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data apart from the co-located steel mill. These operations represent most of our water consumption. Water storage has not been identified as having a significant water-related impact at our steelmaking operations. The data below is in megaliters (same as million liters, or thousand cubic meters):</p> <table border="1"> <thead> <tr> <th>Total water Consumption</th> <th>All areas</th> <th>Areas with water stress</th> </tr> </thead> <tbody> <tr> <td>Total water consumption 2021</td> <td>9,264</td> <td>363</td> </tr> <tr> <td>Total water consumption 2020</td> <td>7,970</td> <td>332</td> </tr> <tr> <td>Total water consumption 2019</td> <td>7,419</td> <td>281</td> </tr> </tbody> </table>	Total water Consumption	All areas	Areas with water stress	Total water consumption 2021	9,264	363	Total water consumption 2020	7,970	332	Total water consumption 2019	7,419	281																								
Total water Consumption	All areas	Areas with water stress																																				
Total water consumption 2021	9,264	363																																				
Total water consumption 2020	7,970	332																																				
Total water consumption 2019	7,419	281																																				

Environmental Disclosures – GRI 304: Biodiversity (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 – 1, 2, 3	Management Approach	<p>This topic is monitored on a companywide basis and is presented here as it may be relevant to various constituents. We recognize that conserving biodiversity and the ecosystems that support it are fundamental to environmental sustainability. In our shared environment with increasing pressures on indigenous plant and animal species, we are mindful of operating in a manner designed to lessen impacts to biodiversity.</p>	2021 Sustainability Report page 50

Standard	Name	Steel Dynamics Disclosure	Reference
103 – 1, 2, 3 (continued)	Management Approach	<p>By their very nature, EAF steelmaking operations help to preserve natural resources relative to traditional integrated steelmaking by recycling steel scrap and other materials for reuse. EAF steelmaking also lessens the need for raw materials to be sourced from land-disturbing mines. By consuming fewer virgin raw materials, more undisturbed natural habitat is available for fostering biodiversity. And because steelmaking within the United States is governed by numerous environmental laws protecting the environment, thus our operations present a significantly lower threat to biodiversity than operations would in many other parts of the world with fewer protections in place.</p> <p>While new or expansion projects do normally involve some land-disturbing activities, those are primarily during construction and are of relatively short duration in ecological terms. Our facilities are generally located in developed urban areas, or in suburban and rural settings where the prior property owners had already disturbed the land for agricultural, ranching, commercial, or similar uses. Thus, the potential impacts to biodiversity from constructing new facilities are believed to be low. Completely natural sites without developed utilities, roadways, and other infrastructure are generally not suitable for our operations.</p> <p>Once built, an operating industrial facility is not typically expected to provide habitat for sensitive species of plants or animals, thus lessening the possibility of biodiversity impacts, and our facilities operate within these developed properties without requiring significant on-site land disturbances for daily operations. The lack of ongoing disturbances helps to preserve any biodiversity that is associated with the properties.</p>	2021 Sustainability Report page 50
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	<p>The boundary for this disclosure is companywide. As discussed above, our facilities are generally not located on completely natural, previously undisturbed sites. Nevertheless, we reviewed readily available resources regarding protected areas and areas of high biodiversity value, and as a result of that review, do not believe that any of our operational sites are located in, or adjacent to, any of the areas contemplated by this standard.</p> <p>Because many of our operations are in “net precipitation” locations (where the amount of annual precipitation usually exceeds the amount of water that evaporates from plants and the land surface), there are some wetlands, streams, rivers and other waterbodies collecting this runoff on or adjacent to many of our facilities. These waterbodies range from a small, isolated wetland in a topographic depression, to an intermittent stream draining a nearby farm field, to a major watercourse such as the Ohio River. Some of these waterbodies are regulated under federal or state laws governing any discharges of fill material, process water or stormwater. We construct our facilities and then operate in a manner designed to comply with those applicable federal and state laws that protect water quality. We do not believe that any of those on-site or nearby waterbodies would be considered “protected areas” or “areas of high biodiversity value” under this standard.</p>	2021 Sustainability Report page 50

Standard	Name	Steel Dynamics Disclosure	Reference
304-1 (continued)	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Where feasible in developing a new project, we design the layout to avoid waterbody impacts and then obtain from environmental regulators the appropriate permits for any waterbody impacts that were not avoidable. Some of our facilities have undergone U.S. Army Corps of Engineers and State water quality certification reviews for the unavoidable filling of wetlands, and many of our facilities have wastewater discharge permits for process and stormwater associated with our industrial activities. We do not believe that these normal discharges have a material impact on biodiversity.	2021 Sustainability Report page 50

Environmental Disclosures – GRI 305: Emissions (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>Most of our greenhouse gas (GHG) and other emissions come from our seven EAF steel mill facilities, where EAFs are used for steelmaking.</p> <p>We endeavor for continuous improvement in reducing GHG emissions, while maintaining compliance with regulated emission limits. Our regulated air emissions are frequently managed by control devices with best available control technologies according to our permits — baghouses capture particulate matter (PM), natural gas-fired burners are designed to reduce formation of nitrogen oxide (NOx) emissions as compared to older burner designs, and thermal oxidizers control volatile organic compounds (VOCs) and hazardous air pollutants (HAPs), among other control devices.</p> <p>We evaluate our GHG emissions by regularly reviewing furnace performance and efficiency. Routine testing of air emissions and frequent monitoring of our operations help to inform our compliance status with permits and the safe and sustainable production of our high-quality steel products. Our facilities triggering the reporting requirements annually report GHG emissions to the United States Environmental Protection Agency. Additionally, reports on other air emissions are submitted regularly to state and federal regulators consistent with our permits.</p> <p>In 2021, we set a goal for our EAF steel mill operations to be carbon neutral by 2050. To achieve this target, we also set interim emissions reductions and renewable electrical energy milestones to be achieved by 2025 and 2030.</p> <p>On the path to carbon neutrality, we are targeting a 20% Scope 1 and Scope 2 combined GHG emissions intensity reduction across our EAF steel mills by 2025 and a 50% reduction by 2030, compared to the 2018 baseline. Additionally, we plan to increase the use of renewable electrical energy for our EAF steel mills to 10% by 2025 and 30% by 2030.</p> <p>These goals expand on our existing sustainability focus, leading the steel industry for more than 25 years with our exclusive use of EAF technology, circular manufacturing models, and innovative teams creating solutions to increase efficiencies, reduce raw material usage, reuse secondary materials, and promote material conservation and recycling.</p>	2021 Sustainability Report pages 41, 45, 46, and 52 and Environmental Policy located on our website at https://ir.steeldynamics.com/governance/

Standard	Name	Steel Dynamics Disclosure	Reference												
103 - 1, 2, 3 (continued)	Management Approach	<p>We plan to continue our leadership in this area with focus toward:</p> <ul style="list-style-type: none"> Identifying and implementing emission reduction projects Improving energy management to reduce emissions and enhance operational efficiency Increasing the use of renewable energy, including partnering with local utilities Researching, developing, and implementing innovative technologies <p>Our steel mills' 2021 Scope 1 and 2 combined emissions intensity decreased 15% compared to the 2018 baseline. This is largely attributed to a decrease in Scope 2 emission rates from our electricity suppliers and from Renewable Energy Certificates (RECs).</p>	2021 Sustainability Report pages 41, 45, 46, and 52 and Environmental Policy located on our website at https://ir.steeldynamics.com/governance/												
305-1	Direct (Scope 1) GHG emissions	<p>The boundary for this disclosure is our seven EAF steel mills, where most of our emissions occur.</p> <table border="1" data-bbox="583 542 1472 693"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Gross global Scope 1 emissions (metric tons CO₂e)</td> <td>1,758,419</td> <td>1,752,210</td> <td>1,860,789</td> </tr> <tr> <td>Biogenic emissions (metric tons CO₂)</td> <td>0</td> <td>0</td> <td>455</td> </tr> </tbody> </table> <p>Biogenic emissions in 2021 were from usage of biocarbon.</p> <p>CO₂, CH₄ and N₂O gases were included in this calculation. The consolidation approach used for calculating emissions was operational control. Emissions factors are per 40 Code of Federal Regulations (CFR) 98 Subpart C and Subpart Q. Global warming potentials are per Table A-1 to Subpart A of 40 CFR 98. Basis of carbon content was determined per various suppliers, Continuous Emission Monitoring System (CEMS) records, and/or American Society for Testing and Materials (ASTM) standards.</p> <p>Our steel mills' 2021 Scope 1 emissions data were verified by a third party in accordance with ISO 14064-3:2019.</p>		2019	2020	2021	Gross global Scope 1 emissions (metric tons CO ₂ e)	1,758,419	1,752,210	1,860,789	Biogenic emissions (metric tons CO ₂)	0	0	455	2021 Sustainability Report page 46
	2019	2020	2021												
Gross global Scope 1 emissions (metric tons CO ₂ e)	1,758,419	1,752,210	1,860,789												
Biogenic emissions (metric tons CO ₂)	0	0	455												
305-2	Energy indirect (Scope 2) GHG emissions	<p>The boundary for this disclosure is our seven EAF steel mills, where most of our electricity usage occurs.</p> <table border="1" data-bbox="583 1092 1472 1187"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Location-Based metric tons CO₂e</td> <td>2,646,639</td> <td>2,615,511</td> <td>2,511,695</td> </tr> <tr> <td>Market-Based metric tons CO₂e</td> <td>2,371,818</td> <td>1,951,165</td> <td>1,964,822</td> </tr> </tbody> </table> <p>CO₂, CH₄ and N₂O gases were included in this calculation. We did not have Scope 2 biogenic CO₂ emissions in 2021. The consolidation approach used for calculating emissions was operational control. Emissions factors are per 40 Code of Federal Regulations (CFR) 98 Subpart C and Subpart Q. Global warming potentials are per Table A-1 to Subpart A of 40 CFR 98. Basis of carbon content was determined per various suppliers, CEMS records, and/or American Society for Testing and Materials (ASTM) standards.</p> <p>Our steel mills' 2021 Scope 2 emissions data were verified by a third party in accordance with ISO 14064-3:2019.</p>		2019	2020	2021	Location-Based metric tons CO ₂ e	2,646,639	2,615,511	2,511,695	Market-Based metric tons CO ₂ e	2,371,818	1,951,165	1,964,822	2021 Sustainability Report page 46
	2019	2020	2021												
Location-Based metric tons CO ₂ e	2,646,639	2,615,511	2,511,695												
Market-Based metric tons CO ₂ e	2,371,818	1,951,165	1,964,822												

Standard	Name	Steel Dynamics Disclosure	Reference																																																					
305-3	Other indirect (Scope 3) GHG emissions	<p>The boundary for this disclosure is our seven EAF steel mills, where most of our emissions occur.</p> <table border="1"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Scope 3 emissions metric tons CO₂e</td> <td>not calculated</td> <td>3,585,360</td> <td>3,514,343</td> </tr> </tbody> </table> <p>CO₂, CH₄ and N₂O gases were included in this calculation. Global warming potentials are per Table A-1 to Subpart A of 40 CFR 98.</p> <p>Our steel mills' 2021 Scope 3 emissions data were verified by a third party in accordance with ISO 14064-3:2019.</p>		2019	2020	2021	Scope 3 emissions metric tons CO ₂ e	not calculated	3,585,360	3,514,343	2021 Sustainability Report page 46																																													
	2019	2020	2021																																																					
Scope 3 emissions metric tons CO ₂ e	not calculated	3,585,360	3,514,343																																																					
305-4	GHG emissions intensity	<p>The boundary for this disclosure is our seven EAF steel mills where most of our emissions occur. GHG intensities provided in metric tons of CO₂e per metric ton steel cast.</p> <table border="1"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Scope 1 intensity</td> <td>0.200</td> <td>0.203</td> <td>0.204</td> </tr> <tr> <td>Scope 2 intensity</td> <td>0.270</td> <td>0.226</td> <td>0.216</td> </tr> <tr> <td>Scope 3 intensity</td> <td>not calculated</td> <td>0.415</td> <td>0.386</td> </tr> <tr> <td>Scope 1 + 2 intensity</td> <td>0.470</td> <td>0.429</td> <td>0.420</td> </tr> <tr> <td>Scope 1 + 2 + 3 intensity</td> <td>not calculated</td> <td>0.844</td> <td>0.806</td> </tr> </tbody> </table> <p>CO₂, CH₄ and N₂O gases were included in this calculation.</p>		2019	2020	2021	Scope 1 intensity	0.200	0.203	0.204	Scope 2 intensity	0.270	0.226	0.216	Scope 3 intensity	not calculated	0.415	0.386	Scope 1 + 2 intensity	0.470	0.429	0.420	Scope 1 + 2 + 3 intensity	not calculated	0.844	0.806	2021 Sustainability Update page 41																													
	2019	2020	2021																																																					
Scope 1 intensity	0.200	0.203	0.204																																																					
Scope 2 intensity	0.270	0.226	0.216																																																					
Scope 3 intensity	not calculated	0.415	0.386																																																					
Scope 1 + 2 intensity	0.470	0.429	0.420																																																					
Scope 1 + 2 + 3 intensity	not calculated	0.844	0.806																																																					
305-5	Reduction of GHG emissions	<p>The boundary for this disclosure is our seven EAF steel mills where most of our emissions occur. GHG intensities provided in metric tons of CO₂e per metric ton steel cast.</p> <table border="1"> <thead> <tr> <th>Absolute Reductions (metric tons CO₂e)</th> <th>2018 – Baseline Year</th> <th>2021</th> <th>Reduction</th> <th>% Decrease</th> </tr> </thead> <tbody> <tr> <td>Gross global Scope 1 emissions</td> <td>1,867,717</td> <td>1,860,789</td> <td>6,928</td> <td>0.4</td> </tr> <tr> <td>Market-Based Scope 2 emissions</td> <td>2,604,858</td> <td>1,964,822</td> <td>640,036</td> <td>24.6</td> </tr> <tr> <td>Total Scope 1 + 2 emissions</td> <td>4,472,575</td> <td>3,825,611</td> <td>646,964</td> <td>14.5</td> </tr> <tr> <td>Steel Production – cast tons metric</td> <td>9,074,135</td> <td>9,113,738</td> <td colspan="2">0.4% Increase</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Intensity Reductions (metric tons of CO₂e per metric ton steel cast)</th> <th>2018 – Baseline Year</th> <th>2021</th> <th>Reduction</th> <th>% Decrease</th> </tr> </thead> <tbody> <tr> <td>Scope 1 intensity</td> <td>0.206</td> <td>0.204</td> <td>0.002</td> <td>1.0</td> </tr> <tr> <td>Scope 2 intensity</td> <td>0.287</td> <td>0.216</td> <td>0.071</td> <td>24.7</td> </tr> <tr> <td>Scope 1 + 2 intensity</td> <td>0.493</td> <td>0.420</td> <td>0.073</td> <td>14.8</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Intensity Reduction Goals</th> <th>2025</th> <th>2030</th> <th>2021 Actual Decrease</th> </tr> </thead> <tbody> <tr> <td>Scope 1 + 2</td> <td>20%</td> <td>50%</td> <td>15%</td> </tr> </tbody> </table> <p>Our steel mills' 2021 Scope 1 and 2 combined emissions intensity decreased 15% compared to the 2018 baseline. This is largely attributed to a decrease in Scope 2 emission rates from our electricity suppliers and from Renewable Energy Certificates (RECs).</p>	Absolute Reductions (metric tons CO ₂ e)	2018 – Baseline Year	2021	Reduction	% Decrease	Gross global Scope 1 emissions	1,867,717	1,860,789	6,928	0.4	Market-Based Scope 2 emissions	2,604,858	1,964,822	640,036	24.6	Total Scope 1 + 2 emissions	4,472,575	3,825,611	646,964	14.5	Steel Production – cast tons metric	9,074,135	9,113,738	0.4% Increase		Intensity Reductions (metric tons of CO ₂ e per metric ton steel cast)	2018 – Baseline Year	2021	Reduction	% Decrease	Scope 1 intensity	0.206	0.204	0.002	1.0	Scope 2 intensity	0.287	0.216	0.071	24.7	Scope 1 + 2 intensity	0.493	0.420	0.073	14.8	Intensity Reduction Goals	2025	2030	2021 Actual Decrease	Scope 1 + 2	20%	50%	15%	2021 Sustainability Report pages 41, 45 and 46
Absolute Reductions (metric tons CO ₂ e)	2018 – Baseline Year	2021	Reduction	% Decrease																																																				
Gross global Scope 1 emissions	1,867,717	1,860,789	6,928	0.4																																																				
Market-Based Scope 2 emissions	2,604,858	1,964,822	640,036	24.6																																																				
Total Scope 1 + 2 emissions	4,472,575	3,825,611	646,964	14.5																																																				
Steel Production – cast tons metric	9,074,135	9,113,738	0.4% Increase																																																					
Intensity Reductions (metric tons of CO ₂ e per metric ton steel cast)	2018 – Baseline Year	2021	Reduction	% Decrease																																																				
Scope 1 intensity	0.206	0.204	0.002	1.0																																																				
Scope 2 intensity	0.287	0.216	0.071	24.7																																																				
Scope 1 + 2 intensity	0.493	0.420	0.073	14.8																																																				
Intensity Reduction Goals	2025	2030	2021 Actual Decrease																																																					
Scope 1 + 2	20%	50%	15%																																																					

Standard	Name	Steel Dynamics Disclosure	Reference																												
305-5 (continued)	Reduction of GHG emissions	Our steel mills' Scope 1 and 2 absolute emissions and intensity decreased in 2021 compared to the baseline year 2018, while steel production increased. CO ₂ , CH ₄ and N ₂ O gases were included in this calculation. Global warming potentials are per Table A-1 to Subpart A of 40 CFR 98.	2021 Sustainability Report pages 41, 45 and 46																												
305-7	Nitrogen oxides (Nox), sulfur oxides (SOx), and other significant air emissions	The boundary for this disclosure is our seven EAF steel mills, where most of our emissions occur. The data below is in net tons: <table border="1" data-bbox="596 370 1482 584"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>NOx</td> <td>1,415</td> <td>1,401</td> <td>1,466</td> </tr> <tr> <td>SOx</td> <td>820</td> <td>1,028</td> <td>1,002</td> </tr> <tr> <td>Persistent organic pollutants (POP)</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Volatile organic compounds (VOC)</td> <td>281</td> <td>302</td> <td>322</td> </tr> <tr> <td>Hazardous air pollutants (HAP)</td> <td>37</td> <td>33</td> <td>34</td> </tr> <tr> <td>Particulate matter (PM)</td> <td>655</td> <td>705</td> <td>808</td> </tr> </tbody> </table> Source of emission factors used, and standards, methodologies, assumptions, or calculation tools used include AP-42 Compilation of Air Pollutant Emission Factors, material balance, stack measurements, and/or CEMS.		2019	2020	2021	NOx	1,415	1,401	1,466	SOx	820	1,028	1,002	Persistent organic pollutants (POP)	0	0	0	Volatile organic compounds (VOC)	281	302	322	Hazardous air pollutants (HAP)	37	33	34	Particulate matter (PM)	655	705	808	2021 Sustainability Update page 52
	2019	2020	2021																												
NOx	1,415	1,401	1,466																												
SOx	820	1,028	1,002																												
Persistent organic pollutants (POP)	0	0	0																												
Volatile organic compounds (VOC)	281	302	322																												
Hazardous air pollutants (HAP)	37	33	34																												
Particulate matter (PM)	655	705	808																												

Environmental Disclosures – GRI 306: Waste (2020)

Standard	Name	Steel Dynamics Disclosure	Reference
103 – 1, 2, 3	Management Approach	Our EAF steel mills generate various nonhazardous and hazardous wastes in the steelmaking process. We follow strict waste handling, disposal, and recycling procedures. To minimize disposal of other byproducts of the manufacturing process, we assess what materials are considered reusable and divert those materials to be recycled versus sent to a landfill. Where feasible, we recycle materials onsite (e.g., scrap) and offsite (e.g., used oil, universal waste). We continually look for ways to minimize waste generation and the costs associated with nonhazardous and hazardous wastes. Wastes sent for disposal are reviewed and communicated to facility management regularly. Performance-based incentive programs reward team members for reducing waste and increasing efficiency, while also safely producing quality products for our customers.	2021 Sustainability Report page 51

Standard	Name	Steel Dynamics Disclosure	Reference																																				
306-3	Waste generated	<p>The boundary for this disclosure is our seven EAF steel mills and includes our ironmaking facility located on the campus of one of our steel mills, as it is difficult to segregate this data from the co-located steel mill. These operations represent most of our waste generated. The data below is in metric tons:</p> <table border="1"> <thead> <tr> <th colspan="4">Waste 2021</th> </tr> <tr> <th></th> <th>Waste Generated</th> <th>Waste Diverted from Disposal</th> <th>Waste Directed to Disposal</th> </tr> </thead> <tbody> <tr> <td colspan="4">Waste Composition</td> </tr> <tr> <td>EAF dust</td> <td>121,689</td> <td>120,870</td> <td>819</td> </tr> <tr> <td>Sludge</td> <td>68,559</td> <td>0</td> <td>68,559</td> </tr> <tr> <td>Refractory</td> <td>31,434</td> <td>3,896</td> <td>27,538</td> </tr> <tr> <td>Ironmaking waste</td> <td>48,815</td> <td>32,111</td> <td>16,704</td> </tr> <tr> <td>Other</td> <td>117,789</td> <td>82,013</td> <td>35,776</td> </tr> <tr> <td>Total</td> <td>388,286</td> <td>238,890</td> <td>149,396</td> </tr> </tbody> </table>	Waste 2021					Waste Generated	Waste Diverted from Disposal	Waste Directed to Disposal	Waste Composition				EAF dust	121,689	120,870	819	Sludge	68,559	0	68,559	Refractory	31,434	3,896	27,538	Ironmaking waste	48,815	32,111	16,704	Other	117,789	82,013	35,776	Total	388,286	238,890	149,396	
Waste 2021																																							
	Waste Generated	Waste Diverted from Disposal	Waste Directed to Disposal																																				
Waste Composition																																							
EAF dust	121,689	120,870	819																																				
Sludge	68,559	0	68,559																																				
Refractory	31,434	3,896	27,538																																				
Ironmaking waste	48,815	32,111	16,704																																				
Other	117,789	82,013	35,776																																				
Total	388,286	238,890	149,396																																				

Social Disclosures – GRI 401: Employment (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 – 1, 2, 3	Management Approach	<p>This topic is monitored on a companywide basis and is presented here as it may be relevant to various constituents. We believe wellness is more than a benefits package. Complete wellness is a way of life within our culture. We are committed to the health, safety and well-being of our teams, their families, and the communities in which we call home. We offer competitive pay and benefits while providing a safe, productive work environment.</p> <p>We believe in empowering our teams and rewarding them for their achievements through a four-tiered, performance-based compensation framework. The various components of our compensation programs promote a balance of high-return growth, effective capital investment, low-cost operations, and risk mitigation. By rewarding our teams based on their performance as an individual, as a team, as a company, and based on shareholder interests, we believe we have the ultimate alignment with our external constituents.</p> <p>Individual performance awards consist of an individual’s base compensation, which is determined by their individual performance, responsibilities, and skills.</p> <p>Team performance awards are based on departmental results, rewarding cost effectiveness and quality production. Our performance-based incentive programs reward team members for reducing waste and increasing efficiency, while also producing quality products for our customers. These awards can be well over 100% of base wages, based on strong performance and on the teams’ doing things that are within their control.</p> <p>Companywide performance awards unite everyone through our profit-sharing program, which is based on consolidated pretax profitability and our 401(k) match, which is based on consolidated return on assets.</p>	2021 Sustainability Report pages 25-28

Standard	Name	Steel Dynamics Disclosure	Reference
103 – 1, 2, 3 (continued)	Management Approach	<p>Finally, alignment with our shareholders and the pursuit of long-term value creation is fostered through the issuance of restricted stock units. Each full-time, non-union, United States-based team member receives annual equity awards. These awards have a two-year vesting period, supporting retention and companywide strategy alignment.</p> <p>Our compensation framework helps ensure that we remain strong with best-in-class performance and retain top talent even in economic downturns. We all share in the company’s successes, as well as the challenges.</p>	2021 Sustainability Report pages 25-28
401-2	Benefits provided to full-time, non-union employees that are not provided to temporary or parttime employees	<p>These are just some of the ways we show our appreciation and ongoing commitment to our teams:</p> <ul style="list-style-type: none"> • Medical, Dental and Prescription Coverage • Vision and Hearing Coverage • Flexible Spending Accounts • Health Savings Accounts • Castlight Health Navigation Platform • Well-Being Program • Employee Assistance Program • Life, Accidental Death, and Dismemberment Insurance • Short- and Long-Term Disability Coverage • Profit Sharing and Retirement Savings* • Employee Stock Purchase Program • Educational Assistance • Dependent Child Scholarships • Paid Vacations and Holidays <p>*Part-time employees are eligible to participate in 401(k) immediately upon hire and will be eligible to share in any profit-sharing contribution made if they meet the hours worked requirement during the plan year.</p>	

Social Disclosures – GRI 403: Occupational Health and Safety (2018)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>The health, wellness, and safety of our people and their families is our number one value and primary focus. Our goal is to achieve zero injuries— no accidents. Nothing is more important than the safety and welfare of our team.</p> <p>At Steel Dynamics, valuing people includes providing a safe work environment and creating a culture of safety that extends beyond work, to our homes and communities. The company, our team members, third party visitors and contractors, as well as their families and friends, are impacted by the occupational health and safety at our facilities.</p> <p>Our management approach is further discussed in disclosures 403-1: 2018 through 403-7: 2018.</p>	2021 Sustainability Report pages 15-24

Standard	Name	Steel Dynamics Disclosure	Reference
403-1	Occupational health and safety management system	<p>Our Core Safety Group (CSG) guides our companywide safety culture and program for 100% of our employees. The CSG consists of members with both safety and operational expertise from each of our three primary operating platforms: Steel Operations, Steel Fabrication, and Metals Recycling. The CSG is the vehicle for our coordinated safety communication, collaboration, and throughout all of our businesses and locations. The CSG's primary function is to guide the overall safety program toward the achievement of zero incidents.</p> <p>We have implemented several management systems to manage occupational health and safety within all operations. Our Safety Calendar specifies occupational health and safety topics that require routine training, inspections and/or recordkeeping obligations to meet and/or exceed the United States Occupational Safety and Health Administration (OSHA) regulations, as well as our expectations. The calendar has been specifically designed, and continues to be annually updated, to serve as a comprehensive safety and health management system. An Occupational Health Management System is utilized by our nursing team to document all medical surveillance, wellness, first aid, prevention and treatment. Integrated online programs are also used to manage corporate safety programs, CSG expectations, injury and illness data, and all safety related incidents.</p> <p>All of our divisions conduct and annually update Job Safety Analysis (JSA) as well as Personal Protective Equipment (PPE) evaluations to meet OSHA requirements and strive for a work environment without recognized hazardous exposures. In addition, all safety incidents are expected to be reported and investigated within our Incident Management System (IMS) to identify and manage recognized hazards in order to control employee exposure to such hazards.</p> <p>Safety and health systems are coordinated and managed by safety and health professionals with appropriate education, accreditations, certifications and/or experience in the field. Safety and health professionals regularly participate in ongoing education, training, and networking opportunities to maintain a high level of competence and expertise. Divisional Leadership is ultimately responsible for the success of each local occupational health and safety management system, while the Core Safety Group guides the direction and focus regarding the overall safety program.</p> <p>All team members and contractors performing work within a facility, including off-site locations where our team members are working, are expected to adhere to our safety and health management system. No workers, workplaces, or activities are excluded.</p>	2021 Sustainability Report pages 15-24

Standard	Name	Steel Dynamics Disclosure	Reference
403-1 (continued)	Occupational health and safety management system	<p>Various processes are in place to drive continuous innovation and improvement regarding safety. Key examples include:</p> <ul style="list-style-type: none"> • Core Safety Group - This group meets regularly and travels to divisions, focusing on employee and management feedback with the goal of eliminating all safety-related incidents. • Division Safety Plans - Annual goals from each operating division focusing on safety improvements, approved by both operational and senior leadership. Plans include a requirement for each division to pursue world class implementation of our “Take Control of Safety” Program. • Subject Matter Expert Teams - Group of experts assembled to provide guidance on a safety topic. Teams are created as the Core Safety Group identifies opportunities related to various safety topics. 	2021 Sustainability Report pages 15-24
403-2	Hazard identification, risk assessment, and incident investigation	<p>The safety of our team members, contractors, and visitors is a critical element of our Core Values, which are reflected in all aspects of our operations. Our objective is to provide a safe working environment for all. To achieve this goal, we demonstrate a relentless pursuit of hazard recognition and abatement through a variety of initiatives such as Job Safety Analysis reviews, Task-Specific Risk Assessments, Standard Operating Procedures, Equipment Lockout Checklists, Potential Serious Injury or Fatality (PSIF) identification, and Industrial Hygiene-specific Risk Assessments and Sampling Plans.</p> <p>Classroom training, online training, job specific video and/or consultant-based training is provided to all team members monthly, along with daily safety conversations intended to ensure that safety is “top of mind” for our team members and to provide them with the tools to effectively identify work-related hazards. Safety professionals support our management teams at each division to ensure the quality and applicability of training. Our Safety professionals are a resource to management, ensuring that we identify and implement the most effective corrective actions based upon the Hierarchy of Controls to appropriately control potential exposure to employees and ensure standards are maintained.</p> <p>Individual participation in the identification and reporting of work-related hazards is essential. Through our Non-Routine Task Initiative, team members are empowered and authorized to pause or stop a job if they are uncertain of appropriate safety procedures. Subject Matter Expert teams have been formed and serve as a resource for team members to contact with task-related questions or concerns. Safety Teams have been established throughout many divisions and are further supporting the execution of site safety programs and initiatives. PSIF review teams have also been developed to assist in the review of safety incidents, ensuring a high-quality investigation that identifies appropriate root causes and corrective actions. These initiatives are broad in nature, cross functional and comprehensive in their inclusion of people.</p>	2021 Sustainability Report pages 15-24

Standard	Name	Steel Dynamics Disclosure	Reference
403-2 (continued)	Hazard identification, risk assessment, and incident investigation	<p>A customized Incident Management System (IMS) is used to record information pertinent to tracking and managing safety related incidents. A high level of employee engagement in Near Miss Reporting is just one element of our safety program, which benefits both the company and our team members. Team member reporting of near misses is without reprisal. Through an increased emphasis on Hazard Awareness & Recognition, team members are encouraged to identify potential exposures and be involved with the identification and implementation of corrective actions based on the Hierarchy of Controls. We firmly believe that the best ideas come from those performing the job. We believe that team member engagement is key to building and maintaining a solid safety culture. This belief has led us to focus on a “Safety for My Team” approach that includes a “See, Say, Do” initiative whereby team members are expected to look out for one another and be each other’s keeper. Cross Divisional/Department Safety Walks and the promotion of Good Catch Safety Alerts further drives team members’ engagement in our safety program.</p> <p>In 2021, we launched our “Exposure Assessment Application” for implementation by all divisions as a means of proactively identifying and mitigating PSIF exposure. This application is utilized in the field, engaging employees & contractors in hazard identification, as tasks are being performed. It provides a meaningful opportunity to address PSIF exposure proactively, rather than reacting to actual incidents after they occur.</p>	2021 Sustainability Report pages 15-24
403-3	Occupational health services	<p>Our teams’ health and wellbeing are inextricably linked to their safety. We have occupational nurses available at all of our major locations. We believe it is critical to the support of our operational teams’ health. The occupational health team continues to expand with the growth of the company. During the last several years, we significantly increased the number of onsite nurses.</p> <p>Our nursing team implements health and safety programs and provides guidance regarding safe practices at work and home. The occupational health nurses are active in developing disease prevention programs. The nurses work with benefits and human resource team members to develop and implement these programs to enhance and improve health. The occupational health nurses advocate for the employee and assist safety with identifying and eliminating hazards to minimize risk going forward. The occupational health nurses manage the employee medical surveillance programs. Along with safety, the occupational health nurses identify the employees that need to be in a medical program, assess, test, and manage those in the program. Our occupational health nurse team along with the executive team, and our information technology team developed a COVID-19 risk mitigation protocol. Our occupational health nurses become involved and offer support to our team members and their families when they are symptomatic. There are established protocols that each nurse utilizes to ensure everyone is safe to return to work after a COVID-related illness or exposure.</p> <p>We support the occupational health nurses by supporting their licensure, continuing education, certification, and memberships and include them in their leadership development programs. Our occupational health nurses are available 24 hours a day 7 days a week. Our nurses are the first stage of employee illness and injury care in non-urgent situations. The nurses manage cases of occupational injuries and illnesses. Their role is to utilize exceptional healthcare providers, manage the case from start to finish, and assist in compliance with their treatment to facilitate a complete recovery.</p>	2021 Sustainability Report page 24

Standard	Name	Steel Dynamics Disclosure	Reference
403-3 (continued)	Occupational health services	<p>We have annual training for the occupational health nurses, human resources, and benefits team on Health Insurance Portability and Accountability Act and confidentiality. We ensure that personal health information related to the employee and their family is not shared or disclosed to other members of the company. Our occupational nursing team follows federal, state, and local regulations. They work with our organization on compliance and the regulations and laws affecting the workers and the workplace.</p> <p>The occupational health nurses maintain confidentiality of the employees’ personal information by utilizing an occupational health management single sign on system that is only accessible by the nurse team. The system is used for charting, documentation, work-related and non-work-related illness and injury, and case management. Our occupational health nurses keep the employees’ health information that is discovered through the occupational health clinics private. The employee's health information is not shared with members of management, supervision, or anyone else in the company.</p>	2021 Sustainability Report page 24
403-4	Worker participation, consultation, and communication on occupational health and safety	<p>Leadership commitment is critical to a successful safety program. Our Board of Directors and senior leadership take pride in the fact there are numerous avenues for team members to participate and learn about safety.</p> <ul style="list-style-type: none"> • In addition to routine safety training and in-house safety evaluations, a Safety Alert system is used to expeditiously communicate Potentially Serious Injury or Fatality and other relevant incidents to team members via company email. Good Catch and Best Practice Alerts are also created for team member recognition and sharing of information. Safety Alerts are discussed at daily toolbox talks along with other relevant safety topics. • Our Safety Calendar is a monthly guide for regulatory and company safety compliance. • Subject Matter Expert teams, that often overlap with our Cardinal Lifesaving Rules or High-Risk Exposure areas, have been established with expert representatives from all operating platforms. These teams meet periodically and are a resource for all team members and serve as an internal network for those on the Subject Matter Expert teams. • Hearing a safety story from the source can be very powerful. We have developed “My Story-Our Safety” videos which highlight true safety incidents told by the actual team member involved. • Incident investigations involve team members close to the source and recommendations of corrective action utilized in the Hierarchy of Controls. • We have divisional Safety Professionals and Platform Safety Directors, in addition to a Core Safety Group team, to participate and consult in the development and implementation of the safety management system. • We maintain a Core Safety Group team made up of representatives from all operating platforms. This team continually evaluates our safety culture through monthly divisional field visits and benchmarking. Discussions for safety direction and improvements are held with recommendations given to senior management. • Divisional Safety Teams are composed of representatives from each work area. These teams meet periodically and help with hazard and high-risk exposure identification, abatement, and site-specific safety issues. • Divisional management safety walks are conducted with work area team members to talk with individuals about their safety observations or concerns and to also identify hazards within the work areas of a division. These safety walks help our operations identify and control risks and raise awareness among our leaders as well as enhance our operational safety culture. 	2021 Sustainability Report pages 15-24

Standard	Name	Steel Dynamics Disclosure	Reference
403-4 (continued)	Worker participation, consultation, and communication on occupational health and safety	<ul style="list-style-type: none"> Each divisional supervisor conducts frequent personal one-on-one safety conversations with each team member. Personal growth and safety awareness are key components in these conversations. 	2021 Sustainability Report pages 15-24
403-5	Worker training on occupational health and safety	<p>OSHA regulated, company mandated, and job specific safety training is given to all applicable employees and contractors who work at Steel Dynamics. Employees start at Steel Dynamics by participating in a comprehensive New Hire safety training orientation program consisting of Job Shadowing, Job Safety Analysis review and Standard Operating Procedures awareness training. Throughout their career at Steel Dynamics, team members are given frequent refresher training on mandatory health and safety topics.</p> <p>Many jobs within Steel Dynamics require specific skills. The level and complexity of training is developed and delivered based on the job requirements and specific needs of the employees. Job specific training is developed by knowledgeable and skilled professionals to ensure all aspects of the job are discussed and the employee is fully aware of the duties and safety concerns of the job. A Safety Training Materials Library is utilized by safety trainers to obtain fresh, pertinent subject matter topics.</p> <p>We employ highly skilled Safety Professionals at all divisions throughout the company. OSHA regulated, company mandated, and job specific safety training is provided to applicable employees by knowledgeable trainers and/or electronic media. Specialized and skilled job training is provided in house or by third party subject matter experts. To ensure compliance with training expectations, we maintain an annual Safety Calendar which guides all divisions on regulatory and company mandated training, in addition to the expected frequency. This calendar is updated annually by the Platform Safety Directors to ensure that it remains current.</p> <p>We promote and support continuing education for our team members and their families. This value is prevalent within the daily workforce. All employees developing, delivering, or attending our health and safety training are compensated for their time. External (off-site) approved training often includes tuition, books, and travel compensation.</p> <p>Through the use of interactive, entertaining, and informative training techniques, we strive to effectively educate our team members on health and safety topics. We believe that team members retain information when the subject matter is engaging and when open group discussions occur. Many health and safety training subjects have a knowledge test with a minimum pass rate. Retraining is conducted if the subject matter has not been comprehended. Additional verification of training comprehension is validated through supervisor field verifications.</p>	2021 Sustainability Report pages 15-24

Standard	Name	Steel Dynamics Disclosure	Reference
403-6	Promotion of worker health	<p>The occupational nurse team facilitates workers' access to non-occupational medical and healthcare services by providing resources and access to our insurance benefits. Our occupational health team educates our team members on our insurance programs and assists them in finding medical providers. We also hold health and safety fairs at our locations. Our locations invite safety and health vendors to educate team members about their services and ways to enhance the team member's well-being. Our benefits and occupational health teams offer onsite presentations to assist in the utilization and participation of our insurance and benefit programs.</p> <p>Our people are our organization's biggest asset. We provide health promotion and preventive care. Within the healthcare plan we offer programs that enhance and challenge our team members to participate and engage themselves in their healthcare. We offer biometric events, health challenges, a blog to share ideas, recipes, activities and encouragement, employee assistance program services, tobacco cessation program, health and safety fairs, and other events throughout the year to allow team members to earn incentives for their health savings account and complete their preventative care. We have maintained a Health Care Initiative Group to assist in looking at different programs that could bring change and increase engagement by our employee population. We use these services to address mental health, heart disease, diabetes, hypertension, obesity, high cholesterol, stroke, and other health risks that affect our employee population. Our goal is to engage, educate, support, and improve our team members' overall health and wellbeing.</p> <p>We have annual training for the occupational health nurses, human resources, and benefits team on HIPAA and confidentiality. We ensure that personal health information related to the employee and their family is not shared or disclosed to other members of the company. Our occupational nursing team follows federal, state, and local regulations. They work with our organization on compliance and the regulations and laws affecting the workers and the workplace.</p> <p>The occupational health nurses maintain confidentiality of personal information by utilizing an occupational health management single sign on system that is only accessible by the nurse team. The system is used for charting, documentation, work-related and non-work-related illness and injury, and case management.</p>	2021 Sustainability Report pages 24 and 28
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	<p>We have established strong relationships with other organizations that have led to the continuous evolution of our safety culture. We have hosted industry associations, industry peers, as well as our customers at our sites with transparency towards safety successes and challenges, while taking many safety-focused benchmarking trips to companies within our industry and outside - all in an effort to continuously learn and advance our safety culture. Our Safety Professionals lead and participate in industry safety committees (Steel Manufacturers Association and Association for Iron & Steel Technology), which produces a heavy exchange of ideas and innovation to reduce significant negative occupational health and safety impacts. Our Subject Matter Expert teams often work with outside organizations to also seek the safest processes to incorporate into our operations.</p>	

Standard	Name	Steel Dynamics Disclosure	Reference																																												
403-8	Workers covered by an occupational health and safety management system	<p>100% of team members and contractors performing work within all of our facilities, including off-site locations where our team members are working, are expected to adhere to our health and safety management system. No workers, workplaces or activities are excluded.</p> <p>We evaluate the performance of operating divisions against the safety management system on a periodic basis.</p> <p>We do not require external audits of our operating divisions. However, some of our divisions have elected to pursue various certifications that may involve an external audit to verify compliance with the safety management system. Examples include the OSHA SHARP (Safety & Health Achievement Recognition Program) as well as OHSAS 18001 (Occupational Health and Safety Assessment Series).</p> <p>No employees or contractors are excluded from this disclosure.</p>	2021 Sustainability Report pages 15-24																																												
403-9	Work-related injuries	<p>We follow the United States Occupational Safety and Health Administration standard 1904 when recording and reporting statistics. The statistics provided are for employees and workers whose work is supervised by Steel Dynamics. The main types of injuries reflected within the provided statistics were sprains/strains, lacerations, and fractures.</p> <p>The following is a summary of our safety statistics (all calculations have been based upon 200,000 hours). This data covers all United States based operations and our fabrication operation in Juarez, Mexico. We intend to include data for the Mexico metals recycling operations in our 2022 report.</p> <p>For the Mexico operations, data is reported to Mexican regulatory agencies in accordance with their laws, but for company safety management purposes and sustainability disclosures, the Mexico data is reported in an effort to be consistent with United States standards for record keeping.</p> <table border="1" data-bbox="583 894 1522 1230"> <thead> <tr> <th></th> <th>2019</th> <th>2020</th> <th>2021</th> </tr> </thead> <tbody> <tr> <td>Days away from work rate</td> <td>0.33</td> <td>0.39</td> <td>0.61</td> </tr> <tr> <td>Occupational disease rate</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>Severity rate</td> <td>12.2</td> <td>9.9</td> <td>15.6</td> </tr> <tr> <td>High-consequence work-related injuries</td> <td>5</td> <td>7</td> <td>5</td> </tr> <tr> <td>High-consequence rate</td> <td>0.05</td> <td>0.08</td> <td>0.04</td> </tr> <tr> <td>Fatalities</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>Fatality rate</td> <td>0.01</td> <td>0.00</td> <td>0.00</td> </tr> <tr> <td>Total recordable injuries</td> <td>176</td> <td>177</td> <td>225</td> </tr> <tr> <td>Total recordable injury rate</td> <td>1.9</td> <td>1.9</td> <td>2.3</td> </tr> <tr> <td>Total hours worked (millions)</td> <td>18.4</td> <td>18.3</td> <td>19.8</td> </tr> </tbody> </table> <p>We utilize an incident management system to track all incidents in the company. This system is the source of all data reported and underlying calculations. Regarding working conditions (occupational safety), there are no gender-specific differences. Therefore, no gender-specific analysis is currently published and none is planned.</p>		2019	2020	2021	Days away from work rate	0.33	0.39	0.61	Occupational disease rate	0.00	0.00	0.00	Severity rate	12.2	9.9	15.6	High-consequence work-related injuries	5	7	5	High-consequence rate	0.05	0.08	0.04	Fatalities	1	0	0	Fatality rate	0.01	0.00	0.00	Total recordable injuries	176	177	225	Total recordable injury rate	1.9	1.9	2.3	Total hours worked (millions)	18.4	18.3	19.8	2021 Sustainability Report page 16
	2019	2020	2021																																												
Days away from work rate	0.33	0.39	0.61																																												
Occupational disease rate	0.00	0.00	0.00																																												
Severity rate	12.2	9.9	15.6																																												
High-consequence work-related injuries	5	7	5																																												
High-consequence rate	0.05	0.08	0.04																																												
Fatalities	1	0	0																																												
Fatality rate	0.01	0.00	0.00																																												
Total recordable injuries	176	177	225																																												
Total recordable injury rate	1.9	1.9	2.3																																												
Total hours worked (millions)	18.4	18.3	19.8																																												

Standard	Name	Steel Dynamics Disclosure	Reference
403-9 (continued)	Work-related injuries	<p>Significant injury and fatality prevention has been and continues to be an area of focus. Through benchmarking and collaboration with other leading safety organizations, we have identified 11 hazards in our work environment that could lead to a high-consequence injury. These hazards are: Lifting/Rigging, Hazardous Energy, Caught-In/Between, Struck-By/Moving Equipment, Fall Exposure, Atmospheric Hazard, Fire, Hot Metal, Dropped/Falling Object, Power Tools, and Explosion/Projectiles. Each incident determined to present high-consequence potential is thoroughly investigated for root cause and contributing factors. Action items are developed with the Hierarchy of Controls as a strong consideration for potential solutions. We aim to have at least one “upper-half” Hierarchy of Control corrective action for each incident with “upper-half” being defined as Elimination, Substitution, or Engineering Control. In circumstances in which this is not practical, we aim for redundant Administrative Controls.</p> <p>Onsite contractors and suppliers are informed about occupational health and safety precautions before beginning their work. All contractors operating on our premises attest to comprehensive safety programs within their own organizations. Additional programs may need to be verified depending on the scope of work being performed. This helps ensure safety for all individuals operating on our sites. We do not presently have a system in place to track the number of injuries or work hours for non-employees (contract employees).</p>	2021 Sustainability Report page 16

Social Disclosures – 404 Training and Education (2016)

Standard	Name	Steel Dynamics Disclosure	Reference
103 - 1, 2, 3	Management Approach	<p>We recognize that the skills and knowledge of our team members are critical to our success. Our educational assistance program encourages personal development through formal education, so that team members can maintain and improve job-related skills.</p> <p>Our goal is to provide team members with education and training that can enhance their current responsibilities and provide opportunities for advancement. We provide career growth and development opportunities to team members throughout the company at many levels. As our company grows, building talent for the future remains our focus.</p> <p>Feedback on the various training programs offered is provided formally via anonymous surveys and informally through conversation. The feedback is utilized to adjust future trainings.</p>	2021 Sustainability Report pages 26-28
404-2	Programs for upgrading employee skills and transition assistance programs	<p>We recognize that the skills and knowledge of our team members is critical to our success. Our educational assistance program encourages personal development through formal education, so that team members can maintain and improve job-related skills.</p> <p>Our goal is to provide team members with education and training that can enhance their current responsibilities and provide opportunities for advancement. We provide career growth and development opportunities to team members throughout the company at many levels. As our company grows, building talent for the future remains our focus. Feedback on the various training programs offered is provided formally via anonymous surveys and informally through conversation. The feedback is utilized to adjust future trainings.</p>	2021 Sustainability Report pages 26-28

Standard	Name	Steel Dynamics Disclosure	Reference
404-2 (continued)	Programs for upgrading employee skills and transition assistance programs	We offer a comprehensive benefits package including a retirement savings plan that concentrates on retirement readiness. Services include group and individual retirement meetings covering topics from early career savings to near and after retirement planning. Also provided is a healthcare concierge service, that assists in identifying and enrolling in healthcare post-employment.	2021 Sustainability Report pages 26-28