

## Global Reporting Initiative

This index includes metrics from the Global Reporting Initiative (GRI) on impact areas core to our business. In 2023, we aim to pursue a materiality assessment to further enhance our disclosures.

GRI Standard	Disclosure		Summary and Reference Location
<b>GRI 2: General Disclosures 2021</b>	Organizational details	2-1	Name: Maravai LifeSciences Holdings, Inc. (NASDAQ: MRVI) Ownership and legal form: Maravai LifeSciences' Initial Public Offering (IPO) was priced on Nov. 19, 2020 Location of Headquarters: San Diego, CA Location of Operations: United States of America
	Entities included in the organization's sustainability reporting	2-2	All Maravai portfolio companies are included in this report: TriLink BioTechnologies, Glen Research, Cygnus Technologies and MyChem. We plan to incorporate our new acquisition of Alphazyme into our 2023 reporting boundary. For more information, please see: <a href="#">About Maravai</a> and our <a href="#">Annual Report</a> .
	Reporting period, frequency and contact point	2-3	Period: Jan. 1, 2022 – Dec. 31, 2022 Frequency: Annual Publication date: March 2023 Contact for related questions: <a href="mailto:esg@maravai.com">esg@maravai.com</a>
	Activities, value chain and other business relationships	2-6	Maravai LifeSciences <a href="#">2022 Annual Report</a>
	Employees	2-7	As of December 2022, Maravai had over 610 full-time employees.
	Governance structure and composition	2-9	Maravai LifeSciences <a href="#">2022 Proxy Statement</a>
<b>GRI 205: Anti-corruption 2016</b>	Communication of anticorruption policies and procedures	205-2	Anticorruption policies are included in our Code of Business Conduct and Ethics, which we review with all members of our Board of Directors on an annual basis and communicate to all employees as part of their onboarding and new orientation process. For more information, please see: <a href="#">Governance</a> .

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GRI Standard	Disclosure		Summary and Reference Location
GRI 302: Energy 2016	Energy consumption within the organization	302-1	<b>2022 Energy Consumption</b> <ul style="list-style-type: none"><li>• Total energy consumption: 6,656,274 kWh</li><li>• Total non-renewable fuel consumed: 1,643,908 kWh</li><li>• Total electricity consumed: 5,012,366 kWh</li></ul> <b>2021 Energy Consumption</b> <ul style="list-style-type: none"><li>• Total energy consumption: 5,902,515 kWh</li><li>• Total non-renewable fuel consumed: 1,505,961 kWh</li><li>• Total electricity consumed: 4,396,554 kWh</li></ul> For more information on this topic, please see: <a href="#">Environmental Stewardship</a> .
	Energy intensity	302-3	<b>2022 Energy Intensity</b> <ul style="list-style-type: none"><li>• Energy per square foot: 29.92 kWh/sq. foot</li></ul> <b>2021 Energy Intensity</b> <ul style="list-style-type: none"><li>• Energy per square foot: 36.78 kWh/sq. foot</li></ul> Denominator: Company square footage Types of energy included: Electricity, natural gas, diesel, propane, jet fuel Boundary: Includes energy consumption within the organization only For more information on this topic, please see: <a href="#">Environmental Stewardship</a> .
GRI 303: Water and Effluents 2018	Water withdrawal	303-3	<b>2022 Water Withdrawal</b> <ul style="list-style-type: none"><li>• Total water withdrawal: 21.95 megaliters</li><li>• Freshwater withdrawal from third-party sources: 100%</li></ul> <b>2021 Water Withdrawal</b> <ul style="list-style-type: none"><li>• Total water withdrawal: 19.30 megaliters</li><li>• Freshwater withdrawal from third-party sources: 100%</li></ul> To develop our environmental footprints, we pulled data from our utility invoices among other data sources. Where primary data was not available, we modelled our footprint based on square footage and the activities at the location. For more information on this topic, please see: <a href="#">Environmental Stewardship</a> .

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GRI Standard	Disclosure		Summary and Reference Location
GRI 305: Emissions 2016	Direct (Scope 1) GHG emissions	305-1	<p><b>2022 Scope 1 Emissions</b></p> <ul style="list-style-type: none"><li>Gross Scope 1 GHG emissions: 377 MTCO<sub>2</sub>e</li></ul> <p><b>2021 Scope 1 Emissions</b></p> <ul style="list-style-type: none"><li>Gross Scope 1 GHG emissions: 330 MTCO<sub>2</sub>e</li></ul> <p>Gases included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O (Emissions from all gases were consolidated into CO<sub>2</sub>e) Emissions factor sources: All fuel types - 2022 EPA EFs for GHG Inventories; Refrigerants - UK 2021 Emission Conversion Factors; EPA HFC Emissions Accounting Tool Boundary: Operational Standards/methodologies: Aligned to GHG Protocol For more information on this topic, please see: <a href="#">Environmental Stewardship</a>.</p>
	Energy indirect (Scope 2) GHG emissions	305-2	<p><b>2022 Scope 2 Emissions</b></p> <ul style="list-style-type: none"><li>Location-based: 1,292 MTCO<sub>2</sub>e</li><li>Market-based: 1,309 MTCO<sub>2</sub>e</li></ul> <p><b>2021 Scope 2 Emissions</b></p> <ul style="list-style-type: none"><li>Location-based: 1,088 MTCO<sub>2</sub>e</li><li>Market-based: 1,103 MTCO<sub>2</sub>e</li></ul> <p>Gases included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O (Consolidated into CO<sub>2</sub>e; emissions not broken out by all three GHG types) Emissions factor sources: Electricity, location-based - 2022 EPA EFs for GHG Inventories; Electricity, market-based - 2022 EPA EFs for GHG Inventories Boundary: Operational Standards/methodologies: Aligned to GHG Protocol For more information on this topic, please see: <a href="#">Environmental Stewardship</a>.</p>
	GHG emissions intensity	305-4	<p><b>2022 Emissions Intensity</b></p> <ul style="list-style-type: none"><li>Emissions per square foot: 7.58 kg CO<sub>2</sub>e/sq. foot</li></ul> <p><b>2021 Emissions Intensity</b></p> <ul style="list-style-type: none"><li>Emissions per square foot: 8.93 kg CO<sub>2</sub>e/sq. foot</li></ul> <p>Organization-specific metric chosen to calculate the ratio: Company square footage Types of GHG emissions included in the intensity ratio: direct (Scope 1) and energy indirect (Scope 2) Gases included in the calculation: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O (Emissions from all gases were consolidated into CO<sub>2</sub>e) For more information on this topic, please see: <a href="#">Environmental Stewardship</a>.</p>

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GRI Standard	Disclosure		Summary and Reference Location
GRI 306: Waste 2020	Waste generated	306-3	<b>2022 Waste metrics</b> <ul style="list-style-type: none"><li>• Total waste: 985 MT</li></ul> Hazardous waste <ul style="list-style-type: none"><li>• Total hazardous waste sent to disposal: 586 MT</li></ul>
	Waste diverted from disposal	306-4	Non-hazardous waste <ul style="list-style-type: none"><li>• Total recycling diverted from disposal: 79 MT</li><li>• Total waste sent to landfill: 320 MT</li></ul> <b>2021 Waste metrics</b> <ul style="list-style-type: none"><li>• Total waste: 651 MT</li></ul> Hazardous waste <ul style="list-style-type: none"><li>• Total hazardous waste sent to disposal: 500 MT</li></ul>
	Waste directed to disposal	306-5	Non-hazardous waste <ul style="list-style-type: none"><li>• Total recycling diverted from disposal: 50 MT</li><li>• Total waste sent to landfill: 101 MT</li></ul> <p>To develop our environmental footprints, we pulled data from our utility invoices among other data sources. Where primary data was not available, we modelled our footprint based on square footage and the activities at the location.</p> <p>For more information on this topic, please see: <a href="#">Environmental Stewardship</a>.</p>
GRI 308: Supplier Environmental Assessment 2016	Percentage of new suppliers that were screened using environmental criteria	308-1	<p>We continue to incorporate environmental, social and governance (ESG) factors into our quarterly reviews with major suppliers. In December 2022, we developed a survey for our Critical Raw Materials suppliers to assess compliance with our Global Supplier Code of Conduct, which included additional questions relating to the environmental and social criteria, such as diversity, equity and inclusion.</p> <p>For more information, please see: <a href="#">Supplier Assessment</a>.</p>
GRI 401: Employment 2016	Benefits provided to full-time employees that are not provided to temporary or part-time employees	401-2	<p>We take a holistic approach to health and wellness by offering a competitive and cost-effective benefits package for employees and their families. We regularly benchmark benefit programs to ensure the Company is offering comparable benefits that meet, and in some cases exceed, local guidelines and industry standards. Benefits can include: medical and dental insurance, flexible spending accounts, life &amp; disability insurance, health &amp; wellness incentives, parental leave, volunteer time off and training &amp; development. <i>(continued)</i></p>

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GRI Standard	Disclosure		Summary and Reference Location
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GRI 401: Employment 2016	Benefits provided to full-time employees that are not provided to temporary or part-time employees	401-2	<p>We also provide team members access to resources for financial counseling, mental health, and legal counseling through the Company’s Employee Assistance Program (EAP). We are committed to our employees’ financial health and offer retirement plans, including a 401(k) match, restricted stock units and stock options, a bonus plan and Employee Stock Purchase Plan.</p> <p>For more information, please see: <a href="#">Health &amp; Wellness</a>.</p>
GRI 403: Occupational Health and Safety 2018	Occupational health and safety management system	403-1	<p>Our EHS Policy covers our global operations and aligns our activities with the International Organization for Standardization (ISO) framework. We offer a comprehensive health and safety management system, including an online incident reporting platform and training for all employees at all Company locations. In addition, our Illness and Injury Prevention Program (IIPP) is updated annually and approved by our executive team. All team members receive IIPP training.</p> <p>For more information, please see: <a href="#">A Culture of Safety</a>.</p>
	Hazard identification, risk assessment, and incident investigation	403-2	<p>We are committed to providing a zero-harm workplace that prevents injuries and illnesses and promotes a healthy lifestyle. Our Illness and Injury Prevention Program (IIPP) policy describes the processes and procedures necessary to protect employees from workplace hazards and to ensure compliance with regulations. Inspections are performed both periodically as well as when there are changes to the work environment. In 2021, we introduced Safety and Workplace Awareness as a core competency in team members’ annual performance evaluations. Our IIPP is updated annually and approved by our executive team. All team members receive IIPP training.</p> <p>Per our Illness and Injury Prevention Program (IIPP), there will be no reprisals or any other forms of job discrimination for expressing any concern, comment, suggestion, or good faith complaint about a safety-related matter. Specifically, employees have the right to: (i) Safe and healthful working conditions and environments; (ii) Receiving training in general safe work practices and specific training regarding hazards unique to any job assignment, and (iii) Refuse work that would violate a health and safety standard or pose a real and apparent hazard to their well-being and work.</p> <p>If an occupational health and safety event occurs, leadership is notified, an investigation is conducted, corrective actions are implemented, and documentation is maintained for at least three years. Our Director of EHS reports metrics and progress to the CEO annually and meets quarterly with Maravai’s Chief Operating Officers and monthly with senior operations leadership.</p> <p>For more information, please see: <a href="#">A Culture of Safety</a>.</p>

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GRI Standard	Disclosure		Summary and Reference Location
(continued)  GRI 403: Occupational Health and Safety 2018	Worker participation, consultation, and communication on occupational health and safety	403-4	<p>Our Illness and Injury Prevention Program (IIPP) policy describes the processes and procedures necessary to protect employees from workplace hazards and ensure compliance with regulations. Our IIPP is designed to allow and encourage employees to communicate with management on work-related hazards and hazardous situations and provide the necessary mechanisms for management to keep employees informed on matters important to their health and safety. All team members receive IIPP training annually and are trained on how to report hazards or potential workplace issues. One avenue to do so is through an online incident reporting platform accessible at all Company locations as part of our comprehensive health and safety management system.</p> <p>In 2022, we established a safety STEP Team, which is an acronym for Strategy Training Excellence and Prevention. The STEP Team is an internal safety committee composed of our members from EHS and department heads. It meets with leadership on a monthly basis to report on our progress. We also launched an initiative that recognizes Safety Champions to engage all team members to contribute to our health and safety programs.</p> <p>For more information, please see: <b>A Culture of Safety.</b></p>
	Worker training on occupational health and safety	403-5	<p>We provide training and instruction on the principles of the Illness and Injury Prevention Program (IIPP) when: (i) there is a new environmental, health and safety program; (ii) there are new employees; (iii) employees are given new job assignments; (iv) new substances, processes, procedures or equipment are introduced to the workplace and represent a new hazard or risk; (v) when EHS is made aware of a new or unrecognized hazard, training is part of the corrective action. Training and instruction include: (i) a review of potential safety and health hazards often identified in employee work areas; (ii) necessary means of minimizing potential hazards, including safe working conditions and work practices; (iii) instruction on the use of any safety equipment, personal protective equipment, or procedures deemed necessary.</p>
	Work-related injuries	403-9	<p>In 2022, we reduced our OSHA incident rate by 64% from the prior year to 0.76.</p>
GRI 404: Training and Education 2016	Average hours of training per year per employee	404-1	<p>All employees are required to take mandatory training at onboarding and annually thereafter on topics such as: Diversity Equity and Inclusion, Illness and Injury Prevention, Information Technology, Sexual Harassment Prevention and Sarbanes-Oxley Act compliance.</p>
GRI 404: Training and Education 2016	Percentage of employees receiving regular performance and career development reviews	404-3	<p>All employees receive regular performance reviews. Performance management at Maravai is an ongoing process of planning, monitoring, reviewing and rewarding. Communication between a leader and employee surrounding performance occurs continuously throughout the year.</p> <p>For more information, please see: <b>Investing in our People.</b></p>

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GRI Standard	Disclosure		Summary and Reference Location
GRI 405: Diversity and Equal Opportunity 2016	Diversity of governance bodies and employees	405-1	<p>Employee diversity metrics as of December 2022</p> <p><b>Gender Diversity:</b></p> <ul style="list-style-type: none"><li>• 46% Female</li><li>• 54% Male</li></ul> <p><b>Racial/Ethnic Diversity:</b></p> <ul style="list-style-type: none"><li>• 45% White</li><li>• 55% Non-white (Asian: 23%; Hispanic: 20%; two or more races: 6.7%; Black/African American: 4%; Native Hawaiian or Pacific Islander: 0.96%; American Indian or Alaskan Native: 0.48%)</li></ul> <p><b>Diversity of Board of Directors:</b></p> <ul style="list-style-type: none"><li>• 27% Female</li><li>• 72% Male</li></ul> <p><b>Diversity of Leadership:</b></p> <ul style="list-style-type: none"><li>• 50% Female</li><li>• 50% Male</li></ul> <p><b>Age Diversity:</b></p> <ul style="list-style-type: none"><li>• 30% Under 30</li><li>• 50% 30-50</li><li>• 20% over 50</li></ul>
GRI 418: Customer Privacy 2016	Substantiated complaints concerning breaches of customer privacy and losses of customer data	418-1	No known breaches of customer data occurred during the reporting year.