

# Data Index

## PRIORITY TOPICS

Our 2021 Sustainability Report focuses on the key environmental issues identified throughout our stakeholder engagement process.

Descriptions and links to additional information on the full list of priority topics Meta works to address can be found in the Priority Topics table.

Topic	Meaning	Link to Resource
<b>Environmental Topics</b>		
<b>Net Zero Commitment</b>	<ul style="list-style-type: none"> <li>• Manage operational energy and emissions</li> <li>• Invest in energy-saving and renewable energy projects to support our supply chain</li> <li>• Invest in renewable energy, carbon abatement and carbon removal projects throughout our operations and supply chain</li> </ul>	<a href="#">Page 47</a>
<b>Data Center Efficiency</b>	<ul style="list-style-type: none"> <li>• Create the most efficient data centers possible by prioritizing energy efficiency; renewable energy; water efficiency and sustainable materials during design, construction and operation</li> </ul>	<a href="#">Page 39</a>
<b>Water Stewardship</b>	<ul style="list-style-type: none"> <li>• Reduce workplace and data center water use and improve the quality of discharged water</li> <li>• Invest in water restoration projects in the watersheds where we operate</li> <li>• Support industry-wide initiatives and provide guidance to advance the field of water stewardship</li> </ul>	<a href="#">Page 55</a>
<b>Climate Change</b>	<ul style="list-style-type: none"> <li>• Manage short-, medium- and long-term climate risks and opportunities that could significantly impact Meta’s organizational goals and society</li> <li>• Implement board and management oversight of climate risks and opportunities</li> </ul>	<a href="#">Page 34</a>
<b>Operational Waste</b>	<ul style="list-style-type: none"> <li>• Minimize waste generated in our facilities and workplaces</li> <li>• Manage the treatment and disposal of waste</li> <li>• Expand beneficial reuse</li> <li>• Repair and reuse data center components</li> <li>• Design products and packaging with renewable materials and with end of life in mind</li> <li>• Equip people with offerings that promote reuse such as Facebook Marketplace and community groups</li> </ul>	<a href="#">Page 36</a>

## PRIORITY TOPICS

Social Topics		
<b>Community Investment and Engagement</b>	<ul style="list-style-type: none"> <li>• Leverage Meta’s scale, people and technology to partner with communities on initiatives that create lasting positive impacts</li> <li>• Invest to address immediate needs such as hunger and natural disasters, as well as longer-term commitments to support education, economic opportunity and environmental progress</li> </ul>	<a href="#">Page 77</a> <a href="#">Community Stories at Meta</a>
<b>Accessibility</b>	<ul style="list-style-type: none"> <li>• Design technologies and features that help people with disabilities get the most out of Meta’s products and services</li> </ul>	<a href="#">Facebook Help Center</a>
<b>Access to Internet</b>	<ul style="list-style-type: none"> <li>• Partner to close the gap in access to reliable internet</li> <li>• Devote resources to digital literacy, education and skills development</li> <li>• Promote access to culture and scientific advancement</li> </ul>	<a href="#">Technology and Innovation News</a>
<b>Data Privacy and Security</b>	<ul style="list-style-type: none"> <li>• Treat data responsibly and adhere to stringent industry standards for privacy and data protection</li> <li>• Invest in data protection training</li> <li>• Build the tools to help users secure their personal information and make the right privacy choices</li> </ul>	<a href="#">Privacy Tools and Information Security</a>
<b>Small Business Support</b>	<ul style="list-style-type: none"> <li>• Enable small and medium-sized businesses to grow by providing targeted product and service offerings, training and resources</li> </ul>	<a href="#">Support Small Business Hub</a> <a href="#">Meta Boost Guide to Green</a>
<b>Minimizing Spread of False Information</b>	<ul style="list-style-type: none"> <li>• Prevent and address misinformation on Meta platforms</li> <li>• Promote access to educational materials</li> <li>• Amplify reliable content</li> <li>• Improve access to data about the way our platforms are used</li> </ul>	<a href="#">Page 66</a>

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Social Topics (Continued)		
<p><b>Human Rights</b></p>	<ul style="list-style-type: none"> <li>• Assess supply chain for violations to human rights standards and providing mechanisms to redress violations</li> <li>• Implement clear policies on labor rights, including child labor, forced labor and the right to collective bargaining</li> <li>• Maintain a safe and healthy work environment for employees</li> <li>• Protect freedom of expression and privacy for people using our platforms</li> <li>• Protect the safety and dignity of people using our platforms</li> <li>• Uphold a commitment to nondiscrimination</li> </ul>	<p><a href="#">Page 33</a>  <a href="#">Corporate Human Rights Policy</a>  <a href="#">Promoting Safety and Expression</a></p>
<p><b>Human Capital/ Employee Relations/ Talent Development</b></p>	<ul style="list-style-type: none"> <li>• Invest in employee skill development and create paths to upward mobility</li> <li>• Offer meaningful retention programs and the ability to work flexibly</li> <li>• Commit to reporting on, and striving for, pay equity across groups, access to health care, mental well-being and responsive policies during crises</li> </ul>	<p><a href="#">Meta Employee Benefits</a></p>
<p><b>Employee Engagement</b></p>	<ul style="list-style-type: none"> <li>• Support an inclusive and welcoming work environment by providing employees with opportunities to contribute to and shape Meta’s ESG strategies</li> <li>• Regularly solicit employee feedback and report on the outcomes of these engagements</li> </ul>	<p><a href="#">Page 74</a></p>
<p><b>Diversity, Equity and Inclusion (DEI)</b></p>	<ul style="list-style-type: none"> <li>• Build a diverse, inclusive labor force</li> <li>• Support programs that promote underrepresented groups in tech, provide equitable access to digital skills, and promote economic equity in under served communities</li> <li>• Report on DEI metrics</li> <li>• Assess any uses of our platforms that prevent DEI outcomes from being achieved</li> <li>• Grow Meta’s business in a way that promotes social and economic benefits throughout the value chain</li> <li>• Offer Meta’s products and services in a nondiscriminatory manner</li> </ul>	<p><a href="#">Diversity and Inclusion</a></p>

PRIORITY TOPICS

Social Topics (Continued)		
<b>Social and Environmental Justice</b>	<ul style="list-style-type: none"> <li>Track Meta’s impacts on community projects and promote social justice more broadly on the platform</li> <li>Implement accountability measures to mitigate barriers to social and environmental justice and freedom of expression</li> </ul>	<a href="#">Promoting Safety and Expression</a>
Governance Topics		
<b>Transparent Reporting</b>	<ul style="list-style-type: none"> <li>Issue reports on business activities and government data requests</li> <li>Link to relevant standards and reporting data that is comparable, accurate and timely</li> </ul>	<a href="#">Transparency Center</a>
<b>Fair and Responsible Tax Practices</b>	<ul style="list-style-type: none"> <li>Practice corporate income tax responsibility and pay taxes in a fair and transparent manner</li> <li>Respond to global taxes on energy use, carbon and other issues related to environmental and health damage</li> </ul>	<a href="#">Tax Policy</a>
<b>Corporate Governance</b>	<ul style="list-style-type: none"> <li>Ensure board and management oversight and prioritization of risks and opportunities, including those related to sustainability</li> <li>Establish and enforce transparent policies to meet stakeholder expectations</li> </ul>	<a href="#">Page 84 Governance Documents</a>
<b>Trust and Integrity</b>	<ul style="list-style-type: none"> <li>Conduct business with integrity</li> <li>Maintain compliance with legal and environmental policies</li> <li>Promote ethical behavior from the top down</li> <li>Offer training on ethical business, nondiscrimination and privacy and data protection</li> <li>Enhance transparency, risk management and communication</li> </ul>	<a href="#">Page 80 Investor Relations Website</a>
<b>Competitive Behavior</b>	<ul style="list-style-type: none"> <li>Monitor and comply with antitrust laws</li> </ul>	<a href="#">Code of Conduct</a>

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Governance Topics (Continued)		
<b>Public Policy Engagement and Advocacy</b>	<ul style="list-style-type: none"> <li>• Engage with governments and other stakeholders to promote a transparent business environment that enables sustainable growth</li> <li>• Participate in public policy dialogues on issues that support our business and sustainability strategies, and where we can contribute expertise to solve policy issues.</li> <li>• Support organizations that advocate for policies that spur clean energy deployment and decarbonization</li> </ul>	<a href="#">Page 80</a>
<b>Stakeholder Engagement</b>	<ul style="list-style-type: none"> <li>• Monitor and respond to feedback from corporate stakeholders, including critics</li> <li>• Collaborate with governments, NGOs, United Nations (UN) actors and other companies on shared priorities</li> </ul>	<a href="#">Page 13</a>
<b>Supplier Engagement and Responsible Sourcing</b>	<ul style="list-style-type: none"> <li>• Work with suppliers whose policies on social and environmental impact and DEI align with Meta’s</li> <li>• Enforce and track supplier adherence to code of conduct</li> <li>• Minimize environmental and social impacts of sourcing materials for our products and operations</li> <li>• Work with suppliers that adhere to human rights and environmental standards</li> <li>• Choose to support small and diverse businesses when possible</li> </ul>	<a href="#">Page 33</a> <a href="#">Conflict Minerals Policy</a>
<b>ESG Product Solutions</b>	<ul style="list-style-type: none"> <li>• Create and invest in products and features that deliver positive outcomes for societal and environmental health and well-being and empower users to track and reduce their environmental impact</li> <li>• Collaborate with industry peers and other knowledgeable parties to develop and fund innovative solutions to address environmental and social challenges</li> <li>• Minimize the environmental impacts of our physical products throughout the product life cycle</li> </ul>	<a href="#">Page 64</a> <a href="#">ESG Resources</a>
<b>Content Governance</b>	<ul style="list-style-type: none"> <li>• Developing controls to govern the inclusion, visibility and distribution of content on Meta platforms, and to prevent dehumanizing content and online abuse</li> <li>• Enforce content policies with moderation and removal</li> <li>• Track and report the outcomes of content governance efforts</li> </ul>	<a href="#">Community Standards</a>

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Governance Topics (Continued)		
<p><b>Risk Management</b></p>	<ul style="list-style-type: none"> <li>• Identify, assess and control threats to the organization</li> <li>• Embed risk management throughout the governance structure</li> <li>• Manage connectivity interruptions and protect communication during crises</li> </ul>	<p><a href="#">Leadership and Governance</a></p>
<p><b>Responsible Product Design</b></p>	<ul style="list-style-type: none"> <li>• Design Meta’s core products and algorithms in a responsible manner</li> <li>• Consider the social and human rights impacts, including mental health, of social media use and product design</li> <li>• Select appropriate and ethical advertising content</li> <li>• Incorporate policies that prohibit advertisers from targeting protected classes of users</li> <li>• Prioritize advertising that creates a positive social or environmental impact</li> <li>• Develop socially responsible artificial intelligence</li> <li>• Commit to sharing knowledge and resources with the tech community</li> </ul>	<p><a href="#">Page 64</a> <a href="#">Advertising Policies</a></p>

## ENVIRONMENTAL FOOTPRINT <sup>1,2</sup>

### 1.1 GHG Emissions <sup>3,4,5,6</sup>

#### Total GHG Emissions

##### Market-Based (In Metric Tons CO<sub>2</sub>e)

	2017	2018	2019	2020	2021
<b>Net Total</b>	1,096,000	1,008,000	4,330,000	4,984,000	5,619,000
<b>Carbon Removal (Carbon Credits Retired)<sup>7</sup></b>	-	-	-	145,000	90,000
<b>Total</b>	1,096,000	1,008,000	4,330,000	5,129,000	5,709,000
<b>Scope 1</b>	25,000	42,000	44,000	29,000	55,000
Percent of Total GHG Emissions (Scopes 1-3)	2%	4%	1%	1%	1%
<b>Scope 2</b>	591,000	314,000	208,000	9,000	2,000
Percent of Total GHG Emissions (Scopes 1-3)	54%	31%	5%	<1%	<1%
<b>Scope 3</b>	480,000	652,000	4,078,000	5,091,000	5,651,000
Percent of Total GHG Emissions (Scopes 1-3)	44%	65%	94%	99%	99%

##### Location-Based (In Metric Tons CO<sub>2</sub>e)

	2017	2018	2019	2020	2021
<b>Total</b>	1,387,000	1,983,000	6,295,000	8,559,000	9,994,000

#### Greenhouse Gas Intensity

##### Market-Based Scope 1 & 2 (In Metric Tons CO<sub>2</sub>e / Monthly Active Person)

	2017	2018	2019	2020	2021
<b>Annual GHG Intensity</b>	0.00029	0.00015	0.00008	0.00001	0.00002

## ENVIRONMENTAL FOOTPRINT

<b>Operational GHG Emissions</b>					
<b>Market-Based Scope 1 &amp; 2 (In Metric Tons CO<sub>2</sub>e) <sup>8</sup></b>					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Total Operational GHG Emissions</b>	616,000	356,000	252,000	38,000	58,000
<b>Data Centers Total</b>	568,000	314,000	207,000	14,000	25,000
Altoona, IA	1,000	1,000	2,000	1,000	2,000
Clonee, Ireland	<500	<500	<500	1,000	1,000
Eagle Mountain, UT	-	-	-	-	3,000
Forest City, NC	136,000	53,000	9,000	<500	1,000
Fort Worth, TX	1,000	1,000	1,000	<500	1,000
Henrico, VA	-	-	<500	<500	5,000
Huntsville, AL	-	-	-	-	<500
Los Lunas, NM	-	1,000	1,000	<500	1,000
Luleå, Sweden	<500	<500	<500	<500	<500
New Albany, OH	-	-	<500	2,000	<500
Newton County, GA	-	-	-	-	<500
Odense, Denmark	-	-	<500	<500	3,000
Papillion, NE	-	<500	<500	3,000	2,000
Prineville, OR	239,000	137,000	1,000	3,000	4,000
East Coast Leased Data Center Facilities	98,000	102,000	188,000	-	<500
Other Data Center-Related Facilities	40,000	17,000	4,000	2,000	<500
<b>Offices Total</b>	48,000	42,000	44,000	24,000	32,000

## ENVIRONMENTAL FOOTPRINT

<b>Market-Based vs. Location-Based</b>								
<b>Scope 2 Emissions</b> (In Metric Tons CO <sub>2</sub> e)								
	<b>2018</b>		<b>2019</b>		<b>2020</b>		<b>2021</b>	
	<b>Market-Based</b>	<b>Location-Based</b>	<b>Market-Based</b>	<b>Location-Based</b>	<b>Market-Based</b>	<b>Location-Based</b>	<b>Market-Based</b>	<b>Location-Based</b>
<b>Total Facilities GHG Emissions</b>	314,000	1,241,000	205,000	1,885,000	9,000	2,718,000	2,000	3,080,000
<b>Data Centers Total</b>	308,000	1,181,000	197,000	1,813,000	2,000	2,650,000	2,000	2,989,000
Altoona, IA	-	346,000	-	483,000	-	555,000	-	425,000
Clonee, Ireland	-	82,000	-	143,000	-	159,000	-	187,000
Eagle Mountain, UT	-	-	-	-	-	-	-	63,000
Forest City, NC	52,000	201,000	8,000	208,000	-	202,000	-	165,000
Fort Worth, TX	-	212,000	-	295,000	-	399,000	-	378,000
Henrico, VA	137,000	-	-	3,000	-	69,000	-	146,000
Huntsville, AL	-	-	-	-	-	-	-	32,000
Los Lunas, NM	-	12,000	-	135,000	-	266,000	-	277,000
Luleå, Sweden	-	7,000	-	6,000	-	7,000	-	4,000
New Albany, OH	-	-	-	20,000	-	157,000	-	230,000
Newton County, GA	-	-	-	-	-	-	-	84,000
Odense, Denmark	-	1,000	<500	18,000	-	57,000	2,000	51,000
Papillion, NE	-	3,000	-	101,000	-	294,000	-	330,000
Prineville, OR	-	145,000	-	167,000	-	200,000	-	246,000
East Coast Leased Data Center Facilities	102,000	128,000	188,000	193,000	-	223,000	-	267,000
Other Data Center-Related Facilities	17,000	44,000	1,000	41,000	2,000	62,000	-	101,000
<b>Offices Total</b>	6,000	60,000	8,000	72,000	7,000	68,000	-	92,000

## ENVIRONMENTAL FOOTPRINT

<b>Value Chain GHG Emissions</b>					
<b>Scope 3 Emissions</b> (In Metric Tons CO <sub>2</sub> e) <sup>9,10,11,12</sup>					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Total</b>	480,000	652,000	4,078,000	5,091,000	5,651,000
<b>Category 1: Purchased Goods and Services</b> <sup>9</sup>	-	-	1,428,000	1,846,000	2,371,000
Of Total (in %)	-	-	35%	36%	42%
<b>Category 2: Capital Goods</b> <sup>9</sup>	-	-	1,671,000	2,516,000	2,410,000
Of Total (in %)	-	-	41%	49%	42%
<b>Category 3: Fuel and Energy-Related Activities</b>	-	-	264,000	56,000	75,000
Of Total (in %)	-	-	6%	1%	1%
<b>Category 4: Upstream Transportation and Distribution</b>	-	-	-	49,000	180,000
Of Total (in %)	-	-	-	1%	3%
<b>Category 6: Business Travel</b> <sup>10,11</sup>	246,000	397,000	529,000	129,000	5,000
Of Total (in %)	-	-	13%	3%	<1%
<b>Category 7: Employee Commuting</b> <sup>12</sup>	43,000	71,000	90,000	61,000	22,000
Of Total (in %)	-	-	2%	1%	<1%
<b>Category 11: Use of Sold Products</b>	-	-	-	390,000	558,000
Of Total (in %)	-	-	-	8%	10%
<b>Other Applicable Categories</b> <sup>9,12</sup>	-	-	96,000	44,000	29,000
Of Total (in %)	-	-	2%	1%	1%

## ENVIRONMENTAL FOOTPRINT

### 2.1 Electricity

#### Electricity Consumption by Facility (In MWh)

	2017	2018	2019	2020	2021
<b>Total Electricity Consumption</b>	2,462,000	3,427,000	5,140,000	7,170,000	9,421,000
Electricity from Grid (%)	100%	100%	100%	100%	100%
<b>Data Centers Total</b>	2,360,000	3,245,000	4,918,000	6,966,000	9,117,000
Altoona, IA	500,000	612,000	853,000	980,000	951,000
Clonee, Ireland	1,000	200,000	382,000	487,000	635,000
Eagle Mountain, UT	-	-	-	-	230,000
Forest City, NC	433,000	547,000	614,000	595,000	581,000
Fort Worth, TX	189,000	461,000	695,000	941,000	1,014,000
Henrico, VA	-	-	10,000	204,000	515,000
Huntsville, AL	-	-	-	-	85,000
Los Lunas, NM	-	26,000	289,000	571,000	718,000
Luleå, Sweden	301,000	337,000	373,000	369,000	306,000
New Albany, OH	-	-	38,000	270,000	511,000
Newton County, GA	-	-	-	-	215,000
Odense, Denmark	-	4,000	128,000	343,000	501,000
Papillion, NE	-	5,000	178,000	519,000	737,000
Prineville, OR	426,000	488,000	573,000	686,000	898,000
East Coast Leased Data Center Facilities	359,000	432,000	647,000	795,000	940,000
Other Data Center-Related Facilities	135,000	133,000	113,000	206,000	279,000
<b>Offices Total</b>	102,000	181,000	222,000	204,000	304,000

## ENVIRONMENTAL FOOTPRINT

<b>Electricity Mix</b> (In % of Total Electricity Used) <sup>13</sup>					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Renewable	51%	75%	86%	100%	100%
Nonrenewable	49%	25%	14%	0%	0%

### 2.2 Total Energy Consumed

#### Energy Consumption

<b>Total Energy Consumed</b> (In GJ)					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Total Energy Consumption</b>	-	-	-	27,075,000	36,993,000
Direct Energy Consumption	-	-	-	438,000	833,000
Indirect Energy Consumption	-	-	-	26,638,000	36,160,000

### 2.3 Fuels

#### Fuel Consumption

	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Natural Gas	-	-	-	-	6,305,000 therms
Diesel — Diesel Fuel	-	-	-	-	363,000 gal
Diesel — Distillate Fuel Oil No.4	-	-	-	-	6,023,000 gal
Gasoline	-	-	-	-	1,078,000 gal
Propane	-	-	-	-	659,000 gal

#### Renewable Fuels

Hydrotreated Vegetable Oil	-	-	-	-	6,000 gal
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## ENVIRONMENTAL FOOTPRINT

### 2.4 Data Center Operations and Design

#### Power Usage Effectiveness <sup>14</sup>

##### Annual Data Center PUE

	2017	2018	2019	2020	2021
PUE (Data Center Energy Efficiency)	1.10	1.11	1.11	1.10	1.09

#### Sustainable Design

##### Green Building Standards for Data Centers and Offices (% of sq ft Covered by Green Building Standards and/or EnMS)

	2017	2018	2019	2020	2021
<b>Total</b>	-	-	-	-	98%
Data Centers (LEED Gold or Above, or ISO 50001)	-	-	-	-	100%
Offices (LEED Gold or Above, or ISO 50001)	-	-	-	-	97%

#### 3.1 Water Withdrawal <sup>15</sup>

##### Water Withdrawal by Facility (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Total Water Withdrawal</b>	1,609,000	2,367,000	3,430,000	3,726,000	5,043,000
<b>Data Centers Total</b>	1,139,000	1,730,000	2,731,000	3,000,000	3,418,000
Altoona, IA	106,000	139,000	145,000	151,000	140,000
Clonee, Ireland	10,000	188,000	395,000	615,000	928,000
Eagle Mountain, UT	-	-	-	-	58,000
Forest City, NC	129,000	99,000	85,000	68,000	64,000
Fort Worth, TX	98,000	269,000	322,000	300,000	254,000
Henrico, VA	-	-	-	42,000	80,000
Huntsville, AL	-	-	-	-	39,000

## ENVIRONMENTAL FOOTPRINT

<b>Water Withdrawal by Facility</b> (In Cubic Meters) (Continued)					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
Los Lunas, NM	-	25,000	92,000	140,000	153,000
Luleå, Sweden	66,000	53,000	58,000	49,000	39,000
New Albany, OH	-	-	33,000	35,000	121,000
Newton County, GA	-	-	-	-	105,000
Odense, Denmark	-	-	266,000	360,000	373,000
Papillion, NE	-	-	62,000	108,000	106,000
Prineville, OR	172,000	160,000	208,000	445,000	354,000
East Coast Leased Data Center Facilities	473,000	533,000	1,011,000	645,000	558,000
Other Data Center-Related Facilities	85,000	264,000	54,000	42,000	45,000
<b>Offices Total</b>	470,000	631,000	699,000	726,000	1,625,000
<b>Water Withdrawal by Source</b> (In Cubic Meters)					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Total Water Withdrawal</b>	1,609,000	2,367,000	3,430,000	3,726,000	5,043,000
From Surface Water	-	-	-	-	-
From Groundwater	-	-	-	37,000	33,000
From Seawater	-	-	-	-	-
From Produced Water	-	-	-	-	-
From Third-Party Water (e.g. Municipal Water Supply)	-	-	-	3,689,000	5,009,000
<b>Water Usage Effectiveness</b> <sup>14</sup>					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>Annual Data Center WUE</b>	0.24	0.27	0.27	0.30	0.26

## ENVIRONMENTAL FOOTPRINT

<b>Water Withdrawal Intensity</b> (In Cubic Meters / Monthly Active Person)					
	2017	2018	2019	2020	2021
<b>Annual Water Intensity</b>	0.000755	0.001020	0.001200	0.001130	0.001405

<b>Water Withdrawal from Areas with Water Stress</b> (In Cubic Meters)					
	2017	2018	2019	2020	2021
<b>Total Water Withdrawal</b>	1,609,000	2,367,000	3,430,000	3,726,000	5,043,000
From Areas with High or Extremely High Baseline Water Stress	-	-	-	-	1,390,000
From Areas without Water Stress	-	-	-	-	3,652,000

<b>Recycled Water</b> (In Cubic Meters)					
	2017	2018	2019	2020	2021
<b>Total Water Recycled</b>	469,000	673,000	854,000	643,000	580,000

### 3.2 Water Consumption

<b>Water Consumption</b> (In Cubic Meters)					
	2017	2018	2019	2020	2021
<b>Total Water Consumption</b>	838,000	1,279,000	1,971,000	2,202,000	2,569,000
<b>Data Centers Total</b>	-	-	-	2,197,000	2,406,000
<b>Offices Total</b>	-	-	-	73,000	162,000

<b>Water Consumption from Areas with Water Stress</b> (In Cubic Meters)					
	2017	2018	2019	2020	2021
<b>Total Water Consumption</b>	838,000	1,279,000	1,971,000	2,202,000	2,569,000
From Areas with High or Extremely High Baseline Water Stress	-	-	-	-	526,000
From Areas without Water Stress	-	-	-	-	2,043,000

ENVIRONMENTAL FOOTPRINT

**3.3 Water Discharge**

**Water Discharge by Facility** (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Total Water Discharge</b>	-	-	-	1,524,000	2,474,000

**Water Discharge by Source** (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Total Water Discharge</b>	-	-	-	1,524,000	2,474,000
To Surface Water	-	-	-	-	-
To Groundwater	-	-	-	-	-
To Seawater	-	-	-	-	-
To Third-Party Water (e.g. Municipal Sewers)	-	-	-	1,524,000	2,474,000

**Water Discharge to Areas with Water Stress** (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Total Water Discharge</b>	-	-	-	1,524,000	2,474,000
To Areas with Water Stress	-	-	-	-	864,000
To Areas without Water Stress	-	-	-	-	1,609,000

ENVIRONMENTAL FOOTPRINT

**3.4 Water Stewardship**

**Water Restoration** (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Volumetric Water Restoration Benefits</b>	-	132,000	145,000	2,250,000	2,336,000

**Progress on 2030 Net Positive Water Goal** (In Cubic Meters)

	2017	2018	2019	2020	2021
<b>Total Water Consumption</b>	838,000	1,279,000	1,971,000	2,202,000	2,569,000
<b>Total Water Restored</b>	-	132,000	145,000	2,250,000	2,336,000

## FOOTNOTES

1. Values are rounded and totals are calculated before rounding throughout this report.
2. “Other data center-related facilities” includes facilities where Meta used less than 100,000 MWh of electricity in the reporting year, such as warehouses or colocation facilities. Owned, online data centers are always reported by site, even if they were below this threshold.
3. Meta’s methodology for calculating greenhouse gas emissions can be found [here](#).
4. Scope 1, 2 and 3 greenhouse gas emissions are calculated annually based on the WRI/WBCSD [Greenhouse Gas Protocol](#).
5. (a) Scope 1 includes emissions from diesel, natural gas and refrigerants from offices and data centers and from diesel and gasoline in the transportation fleet owned and controlled by Meta.  
 (b) Scope 2 includes emissions from electricity of offices and warehouses leased, controlled and owned by Meta; electricity of data centers owned and leased (IT load) by Meta; natural gas of offices and warehouses leased and serviced by Meta; and purchased heat. Because Meta does not control building operations in leased data center facilities, as of 2017, only emissions associated with its IT load electricity are included in Scope 2 emissions.  
 (c) Scope 3 emissions are indirect emissions throughout Meta’s value chain. Starting in 2019, Meta included emissions from all relevant categories in Scope 3. Scope 3 emissions for 2015 to 2018 include business travel, employee commute and construction.
6. In the 2021 reporting year, two updates to reporting were applied to 2020 and later inventories:
  - (a) Data from life cycle assessments for our hardware and sold products were used to calculate our Scope 3 emissions.
  - (b) 2020 use of sold product numbers were recalculated to improve accuracy.
7. Prior to 2020, Meta invested in avoided emissions offsets which are not considered carbon removal.
8. In the 2019 reporting year, three updates to reporting were applied to 2017 (baseline year) and later inventories:
  - (a) Vehicles operated by the Transportation team in support of commuting and inter-campus travel were previously counted in Scope 3 – Employee commute. After re-visiting Meta’s operational control of these vehicles, it was determined that they should be accounted for in Scope 1.
  - (b) It was determined that Meta overestimated natural gas emissions by including estimates for offices which do not in fact use natural gas. Recalculations have been applied to the inventory to remove these inaccuracies.
  - (c) Fugitive emissions from refrigerant losses at offices not under Meta operational control were moved from Scope 2 to Scope 3.
9. In the 2020 reporting year, two emission factors updates significantly impacted the GHG inventory:
  - (a) Economic-Environmental Input-Output emission factors were updated and applied to relevant categories. 2019 numbers were updated to reflect these new emission factors.
  - (b) Waste emission factors were updated and applied starting in 2020.
10. In the 2020 reporting year, two updates to the methodology were applied:
  - (a) A new business travel methodology was developed, which was applied to 2019 and updated. Air travel still includes radiative forcing starting from 2017.
  - (b) Employee commuting now includes telecommuting, or work-from-home, emissions starting in 2020, for which the electricity portion is matched with renewable energy.
11. Sustainable Aviation Fuel was purchased in 2021 and associated emissions reductions are reflected in the inventory.
12. This includes the following categories in Scope 3: downstream transportation and distribution, waste generated in operations, upstream leased assets, and end-of-life treatment of sold products. Prior to 2020, emissions from use of sold products and upstream transportation and distribution are included in this category.
13. In owned and leased data center facilities included in Scope 2 and 3 emissions, Meta has matched building operations with renewable energy.
14. Power Use Effectiveness (PUE) and Water Use Effectiveness (WUE) is calculated based on best available data, including internal meters, design estimates and utility bills where applicable.
15. Not included in Meta’s 2021 water withdrawal numbers are an additional 827,289 cubic meters of water withdrawn for the construction of Meta data centers.

## GRI INDEX

Meta’s 2021 Sustainability Report has been prepared with reference to the Global Reporting Initiative (GRI) Standards.

GRI is an independent international organization that helps businesses, governments, and other organizations understand and communicate sustainability impacts.

GRI100 - Universal				
GRI 102	General Disclosures	102-1	Name of the organization	Meta Platforms, Inc.
		102-2	Activities, brands, products, and services	<a href="#">Page 10</a>
		102-3	Location of headquarters	Menlo Park, California
		102-4	Location of operations	Offices in 80+ cities worldwide and 18 data centers globally
		102-5	Ownership and legal form	Meta Platforms, Inc. is a publicly held holding company, listed as META
		102-6	Markets served	<a href="#">Markets served can be found in the Form 10-K</a>
		102-7	Scale of the organization	<a href="#">The scale of the organization can be found in the Form 10-K</a>
		102-9	Supply chain	<a href="#">Page 32</a>
		102-10	Significant changes to the organization and its supply chain	In October 2021, we changed our corporate name from Facebook, Inc. to Meta Platforms
		102-13	Membership of associations	<a href="#">Page 76</a>
		102-14	Statement from senior decision-maker	<a href="#">Page 4</a>
		102-16	Values, principles, standards, and norms of behavior	<a href="#">Page 10</a>
		102-18	Governance structure	<a href="#">Page 83</a> and on the <a href="#">Investor Relations website</a>
		102-43	Approach to stakeholder engagement	<a href="#">Page 12</a>
		102-44	Key topics and concerns raised	<a href="#">Page 86</a>
		102-45	Entities included in the consolidated financial statements	<a href="#">Entities included in the report can be found in the Form 10-K</a>
		102-46	Defining report content and topic Boundaries	<a href="#">Page 13</a>
		102-47	List of material topics	<a href="#">Page 86</a>
		102-49	Changes in reporting	This is Meta’s first GRI index
		102-50	Reporting period	January 1, 2021 to December 31, 2021
102-51	Date of most recent report	2020		
102-52	Reporting cycle	Annual		
102-54	Claims of reporting in accordance with the GRI Standards	Meta is reporting in reference to the GRI standards listed within this index		
102-55	GRI content index	<a href="#">Pages 103-106</a>		
102-56	External assurance	Meta’s greenhouse gas emissions are <a href="#">verified externally</a>		

## GRI INDEX

<b>GRI200 - Economic</b>				
<b>GRI 204 - Procurement Practices</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Page 34</a>
		103-2	The management approach and its components	<a href="#">Page 34</a>
		103-3	Evaluation of the management approach	<a href="#">Page 34</a>
<b>GRI 207 - Tax 2019</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Tax Policy</a>
		103-2	The management approach and its components	<a href="#">Tax Policy</a>
		103-3	Evaluation of the management approach	<a href="#">Tax Policy</a>
GRI 207	Tax 2019	207-1	Approach to tax	<a href="#">Tax Policy</a>
		207-2	Tax governance, control and risk management	<a href="#">Tax Policy</a>
		207-3	Stakeholder engagement and management of concerns related to tax	<a href="#">Tax Policy</a>
<b>GRI300 - Environmental</b>				
<b>GRI 302 - Energy</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Pages 52-54</a>
		103-2	The management approach and its components	<a href="#">Pages 52-54</a>
		103-3	Evaluation of the management approach	<a href="#">Pages 52-54</a>
GRI 302	Energy	302-1	Energy consumption within the organization	<a href="#">Page 97</a>
		302-3	Energy intensity	<a href="#">Page 98</a>
		302-4	Reduction of energy consumption	<a href="#">Pages 53, 98</a>
<b>GRI 303 - Water and Effluents</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Pages 55-59</a>
		103-2	The management approach and its components	<a href="#">Pages 55-59</a>
		103-3	Evaluation of the management approach	<a href="#">Pages 55-59</a>
GRI 303	Water	303-1	Interactions with water as a shared resource	<a href="#">Pages 100-102</a>
		303-3	Water withdrawal	<a href="#">Pages 98-100</a>
		303-4	Water discharge	<a href="#">Page 100</a>
		303-5	Water consumption	<a href="#">Page 101</a>

## GRI INDEX

<b>GRI 304 - Biodiversity</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Pages 60-63</a>
		103-2	The management approach and its components	<a href="#">Pages 60-63</a>
GRI 304	Biodiversity	304-2	Significant impacts of activities, products and services on biodiversity	<a href="#">Pages 60-63</a>
		304-3	Habitats protected or restored	<a href="#">Pages 60-63</a>
<b>GRI 305 - Emissions</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Pages 47-51</a>
		103-2	The management approach and its components	<a href="#">Pages 47-51</a>
		103-3	Evaluation of the management approach	<a href="#">Pages 47-51</a>
GRI 305	Emissions	305-1	Direct (Scope 1) GHG emissions	<a href="#">Pages 50, 91</a>
		305-2	Energy indirect (Scope 2) GHG emissions	<a href="#">Pages 50, 94</a>
		305-3	Other indirect (Scope 3) GHG emissions	<a href="#">Pages 50, 95</a>
		305-4	GHG emissions intensity	<a href="#">Page 92</a>
<b>GRI400 - Social</b>				
<b>GRI 401 - Employment</b>				
GRI 401	Employment	401-1	New employee hires and employee turnover	<a href="#">Human Capital section of the Form 10-K</a>
		401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	<a href="#">Benefits website</a>
		401-3	Parental leave	<a href="#">Maternity Benefits and Paid Parental Leave website</a>
<b>GRI 405 - Diversity and Equal Opportunity (U.S. ONLY)</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Diversity and Inclusion website</a>
		103-2	The management approach and its components	<a href="#">Diversity and Inclusion website</a>
GRI 405	Diversity and Equal Opportunity	405-1	Diversity of governance bodies and employees	<a href="#">Diversity, Equity and Inclusion section of the Form 10-K</a>
<b>GRI 415 - Public Policy</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Page 80 and Transparency Report</a>
		103-2	The management approach and its components	<a href="#">Page 80 and Transparency Report</a>

## GRI INDEX

<b>GRI 415 - Customer Privacy</b>				
GRI 103	Management Approach	103-1	Explanation of the material topic and its Boundary	<a href="#">Transparency Report</a>
		103-2	The management approach and its components	<a href="#">Transparency Report</a>
GRI 415	Customer Privacy	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	<a href="#">Transparency Report</a>

## SASB INDEX – INTERNET AND MEDIA SERVICES

Meta’s 2021 SASB disclosures respond to metrics listed for the Internet and Media Services industry within the Technology and Communications sector.

Disclosure Number	Description	Unit of Measurement	Location / Response / Comments
<b>Environmental Footprint of Hardware Infrastructure</b>			
TC-IM-130a.1	(1) Total energy consumed	Gigajoules (GJ)	<a href="#">Pages 96-97</a>
	(2) percentage grid electricity	Percentage (%)	<a href="#">Pages 53, 97</a>
	(3) percentage renewable	Percentage (%)	<a href="#">Pages 53, 97</a>
TC-IM-130a.2	(1) Total water withdrawn	Thousand cubic meters (m <sup>3</sup> ), Percentage (%)	<a href="#">Pages 56, 98-100</a>
	(2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Thousand cubic meters (m <sup>3</sup> ), Percentage (%)	<a href="#">Pages 56, 98-100</a>
TC-IM-130a.3	Discussion of the integration of environmental considerations into strategic planning for data center needs	Discussion and Analysis	<a href="#">Pages 39-43</a>
<b>Data Privacy, Advertising Standards and Freedom of Expression</b>			
TC-IM-220a.1	Description of policies and practices relating to behavioral advertising and user privacy	Discussion and Analysis	<a href="#">Policies</a>
TC-IM-220a.4	(1) Number of law enforcement requests for user information	Number	Transparency Center at <a href="#">Government Requests for User Data</a>
	(2) number of users whose information was requested	Number	Transparency Center at <a href="#">Government Requests for User Data</a>
	(3) percentage resulting in disclosure	Percentage (%)	Transparency Center at <a href="#">Government Requests for User Data</a>
TC-IM-220a.5	List of countries where core products or services are subject to government-required monitoring, blocking, content filtering, or censoring	Discussion and Analysis	<a href="#">Content Restrictions Based on Local Law</a>
TC-IM-220a.6	Number of government requests to remove content, percentage compliance with requests	Number, Percentage (%)	<a href="#">Government Requests for User Data</a>
<b>Data Security</b>			
TC-IM-230a.2	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Discussion and Analysis	<a href="#">Protecting Privacy and Security</a>

## SASB INDEX – INTERNET AND MEDIA SERVICES

Employee Recruitment, Inclusion and Performance			
TC-IM-330a.3	Percentage of gender and racial/ethnic group representation for (1) management	Percentage (%)	<a href="#">Annual Diversity Report</a>
	(2) technical staff	Percentage (%)	<a href="#">Annual Diversity Report</a>
	(3) all other employees	Percentage (%)	<a href="#">Annual Diversity Report</a>
Intellectual Property Protection and Competitive Behavior			
TC-IM-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anticompetitive behavior regulations	Reporting currency	When relevant, see Part I, Item 3 and Part II, Item 8 in Note 10 in our annual report on <a href="#">Form 10-K</a> .