

2021

Global Sustainability Progress Report

Data Tables





Data Tables

Financials	2015	2019	2020	2021
Total environmental expenditures (\$M)	\$173	\$221	\$154	\$198
Capital	\$61	\$112	\$63	\$73
O&M	\$96	\$96	\$78	\$113
Government payments and R&D	\$16	\$13	\$13	\$12
Assets (\$B)	\$14.8	\$15.3	\$17.5	\$17.8
Donations and community investments (\$M)	\$29	\$28	\$42.2	\$37.4
Percent of net income	2.90%	1.10%	1.56%	1.78%
Union Membership ¹		2019	2020	2021
Percentage of North American employees with union membership ¹		27%	26%	24%

1. The percentage of unionized workers is approximately 22% of our workforce in many countries. However, in many countries, union membership is considered a private matter and may not be tracked for those countries. Furthermore, in some countries, employees are subject to union agreements who are not union members specifically.



Turnover (Global)	2019	2020	2021
Total	20.80%	16.85%	19.50%
Voluntary	14.00%	10.31%	13.70%
Involuntary	6.80%	6.54%	5.80%

Full-Time Employee Diversity	2019	2020	2021
Women	30.9%	30.1%	30.8%
Women in management	34.2%	35.0%	36.8%
Ethnic minorities (U.S.)	21.0%	21.1%	21.8%
Ethnic minorities in management (U.S.)	17.9%	18.9%	19.6%

Board of Directors Diversity	2019	2020	2021
Independent members	92.3%	91.7%	92.3%
Women	38.5%	33.3%	38.5%
Minority group membership	36%	33.3%	30.8%
Total Board members	13	12	13
Directors age 50+	11	11	12



Kimberly-Clark Employee Safety	2019	2020 ¹	2021 ¹
Fatalities	0	2	2
Total Reportable Incident Rate (TRIR)	0.18	0.24	0.21
Lost-time Reportable Incident Rate (LTRIR)	0.13	0.18	0.13
Safety compliance penalties	\$13,260	\$14,494	\$8,830

1. Kimberly-Clark de Mexico (KCM) is included in Occupational Safety Metrics, but not in other KPIs addressed in this report. Both fatalities in 2020 and one fatality in 2021 occurred in KCM facilities. KCM is partially owned by the public, and its stock is publicly traded in Mexico. As of December 31, 2021, Kimberly-Clark's ownership interest in KCM was 47.9 percent.

TRIR: Work-related events that result in fatalities, temporary or permanently disabling injuries, or illnesses, per 200,000 hours worked per annum.

LTRIR: Reportable injuries/illnesses that result in time away from work or restricted work, per 200,000 hours worked per annum.

Community & Employee Contributions (\$ Million)	2019	2020	2021
Community partners grants to U.S. employee-chosen charities	\$0.30	\$0.23	\$0.16
Value of matching gift contributions made by U.S. employees	\$1.30	\$1.40	\$1.19
Value of product donations	\$12	\$16.48	\$10.60
Global cash donations	\$16.30	\$25.73	\$26.77
Total global (product & cash) donations	\$28.30	\$42.20	\$37.40
Employee giving	\$3.80	\$3.31	\$2.90
U.S. employee volunteer hours	84,431	61,939	24,238



Social Impact (Lives)	2015-2018	2019	2020	2021	TOTAL
Access to sanitation	2,819,396	1,062,015	43,853	57,827	3,983,091
Helping children thrive	10,530,262	915,504	4,787,025	5,631,785	21,864,576
Empowering women & girls	1,140,725	643,625	1,421,703	8,291,169	11,497,222
COVID-19/other	N/A	N/A	2,309,105	1,733,235	4,042,340
Total	14,490,383	2,621,144	8,561,686	15,714,016	41,387,229

Social Compliance Audit Results

	2019	2020	2021
Number of in-scope suppliers	544	418	473
Facilities audited			
Kimberly-Clark branded audits ¹	101	61	81
Customer branded audits ²	122	111	90
All Audited Facilities with Critical or Major Findings			
All sites	56	50	83
	5.3 percent of in-scope suppliers	12 percent of in-scope suppliers	17.5 percent of in-scope suppliers
All Audited Facilities with Findings			
All sites	156	144	142
	28.7 percent of in-scope suppliers	34.4 percent of in-scope suppliers	30.0 percent of in-scope suppliers

1. Kimberly-Clark branded audits refer to audits measured against Kimberly-Clark compliance standards.
2. Customer branded audits refer to audits measured against customer-specific compliance standards.



Social Compliance Audit Results

2019

2020

2021

Critical or Major Findings by Category (All Audited Facilities):

Health & safety	47 facilities	44 facilities	53 facilities
	(76 total mandatory health and safety findings)	(55 total mandatory health and safety findings)	(98 total mandatory health and safety findings)
Child labor	0 facilities	0 facilities	0 facilities
	(0 total major child labor findings)	(0 total major child labor findings)	(0 total major child labor findings)
Potential forced labor indicators ³	9 facilities	5 facilities	9 facilities
	(9 total findings of potential forced labor indicators)	(5 total findings of potential forced labor indicators)	(21 total findings of potential forced labor indicators)
Freedom of association	1 facility	1 facilities	2 facilities
	(1 total major freedom of association findings)	(1 total major freedom of association findings)	(2 total major freedom of association findings)
Discrimination	2 facilities	2 facility	1 facility
	(2 total major discrimination findings)	(2 total major discrimination findings)	(2 total major discrimination findings)

3. Forced labor indicators are conditions that indicate the potential for forced labor in an operation, such as worker movement, restrictions, recruitment fees, withholding of worker documents, or other similar findings.



Fiber

Fiber Purchases (Million MT) ¹	2011 (baseline)	2019	2020	2021
Virgin fiber	2.48	2.3	2.4	2.3
Virgin Wood Baled Pulp (tissue products)				1.76
Virgin Wood Fluff Pulp (personal care products)				0.54
% of total	70.3%	74.9%	75.5%	80.7%
Recycled fiber	1.05	0.77	0.78	0.55
% of total	29.7%	25.1%	24.5%	19.3%
Total fiber used	3.53	3.07	3.18	2.85

Virgin Fiber Sourcing By Pulp Mill Country of Origin (%) - (Million MT)	2021	
Brazil	46%	1.07
Canada	13%	0.29
Chile	3%	0.08
Finland	3%	0.07
Portugal	1%	0.03
South Africa	2%	0.04
Sweden	6%	0.14
United States	25%	0.57
Italy, New Zealand, Spain	1%	0.01

1. Direct Purchases.



Fiber Sourcing by Certification Type (%)	2011 (baseline)	2019	2020	2021
Virgin fiber from environmentally responsible sources	100%	100%	100%	100%
Forest Stewardship Council (FSC)	47%	63%	62%	67%
Sustainable Forest Initiative (SFI)	30%	35%	28%	19%
Program for the Endorsement of Forest Certification (PEFC)	6%	2%	10%	5%
CERFLOR (Brazil)	6%	0%	0%	0%
Canadian Standards Association (CSA)	5%	0%	0%	0%
Forest Stewardship Council Controlled Wood (FSC-CW)	8%	0%	0%	8%
Not Certified	0%	0%	0%	0%

Environmentally Preferred Tissue Fiber (% Global)	2011 (baseline)	2019	2020	2021
Environmentally preferred fiber	74%	84%	84%	87%
FSC® chain-of-custody certified virgin wood fiber	39%	54%	54%	63%
Recycled fiber	35%	31%	29%	24%
Alternative non-wood fibers ¹	0%	0%	0%	0%

Environmentally Preferred Tissue Fiber (% North America)	2011 (baseline)	2019	2020	2021
Environmentally preferred fiber	84%	76%	75%	82%
FSC® chain-of-custody certified virgin wood fiber	56%	43%	49%	57%
Recycled fiber	28%	33%	26%	25%
Alternative non-wood fibers ¹	0%	0%	0%	0%

1. Data represents Kimberly-Clark and equity affiliates; In 2021, Kimberly-Clark Australia purchased 1,458 tons of Bamboo alternative non-wood fibers for bath tissue.



Chlorine Free Wood Pulp Purchases	2011 (baseline)	2019	2020	2021
Elemental Chlorine Free (ECF)	97%	98%	98%	100%
Total Chlorine Free (TCF)	3%	2%	2%	0%

Natural Forest fiber use (MT)	2011 (baseline)	2019	2020	2021
Virgin fiber from Natural Forest sources	756,531	522,201	609,421	501,626
% Reduction of Natural Forest Fiber	N/A ¹	31%	19%	34%

Natural Forest Fiber Sourcing By Country (%)	2021
based on pulp mill country of origin	
Canada	59%
Finland	14%
Sweden	27%

FSC CoC Certified Natural Forest Fiber Sourcing By Country (%)	2021
based on pulp mill country of origin	
Canada	77%
Finland	10%
Sweden	49%

1. 2011 base year for 25% reduction target by 2025.



Carbon Footprint

Greenhouse Gas Emissions (Thousands MTCO₂e)
Location Based

	2015 (baseline)	2019	2020	2021
Total GHG Emissions: Scope 1 + Scope 2 Location Based	4,928	3,894	3,686	3,504
Direct GHG Emissions ¹	2,230	1,953	1,800	1,772
Indirect GHG Emissions - Location Based ²	2,698	1,941	1,886	1,732
Breakdown by gases Scope 1+2 Location Based				
Carbon Dioxide (CO ₂)	4,903	3,879	3,672	3,491
Methane (CH ₄ in CO ₂ e)	6	4	3	3
Nitrous Oxide (N ₂ O in CO ₂ e)	20	13	12	10
Carbon Dioxide (CO ₂)	4,903	3,879	3,672	3,491
Methane (Thousands MTCH ₄)	0.23	0.15	0.13	0.11
Nitrous Oxide (Thousands MTN ₂ O)	0.07	0.04	0.04	0.03
Total GHG Emissions: Scope 1 + Scope 2 Market Based	4,972	3,565	3,342	2,950
Direct GHG Emissions ¹	2,230	1,953	1,800	1,772
Indirect GHG Emissions - Market Based ²	2,742	1,612	1,542	1,178
Breakdown by gases Scope 1+2 Market Based				
Carbon Dioxide (CO ₂)	4,947	3,552	3,331	2,941
Methane (CH ₄ in CO ₂ e)	6	3	2	2
Nitrous Oxide (N ₂ O in CO ₂ e)	19	6	5	5

1. Source of Scope 1 emission factors are US Environmental Protection Agency (EPA) Emission Factor Hub – 2009 and Natural Gas Emission Factors aligned with EU ETS for sites in Europe.
2. Source of Scope 2 emission factors are International Energy Agency (IEA) data, 2021 update -Emission Factors Database, US Environmental Protection Agency (EPA) eGrid Subregion Emission Factors – 2019, and AIB_2020_Residual_

Mix_Results (Version 1.0,2021-05-31), table 2.
Carbon Footprint data's Statement of Energy Consumption & GHG Emissions and letter of Independent Accountant's Review Report available in 2021 GRI Appendices A & B Visit: <https://www.global.kimberly-clark.com/en-us/esg/downloads>



Greenhouse Gas Emissions (Thousands MTCO₂e)
Location Based

	2015 (baseline)	2019	2020	2021
Carbon Dioxide (CO ₂)	4,947	3,552	3,331	2,941
Methane (Thousands MTCH ₄)	0.22	0.12	0.10	0.09
Nitrous Oxide (Thousands MTN ₂ O)	0.06	0.02	0.02	0.02
Biogenic CO₂ Emissions (Scope 1+2)	356	90	90	61
Biogenic CO ₂ Emissions Scope 1	327	37	32	26
Biogenic CO ₂ Emissions Scope 2	29	53	58	35

Greenhouse Gas Emissions (Thousands MTCO₂e)

	2015 (baseline)	2019	2020	2021
Total GHG Emissions: Scope 3³	13,552	13,393	13,177	12,591
Categories				
Category 1 - Purchased Goods & Services	7,162	7,414	7,674	7,425
Category 2 - Capital Goods	649	695	664	530
Category 3 - Fuel & Energy Related Activities	1,265	1,327	1,287	1,221
Category 4 - Upstream Transport and Distribution	1,283	1,267	1,261	1,212
Category 5 - Waste Generated in Operations	269	312	268	274
Category 6 - Business Travel	83	81	54	19
Category 7 - Employee Commuting	21	20	13	12
Category 12- End of Life Treatment of Sold Products	2,432	1,907	1,595	1,568
Category 15 - Investments	388	369	361	330

3. Source of the Scope 3 emission factors are Sphera's LCA GABI Service Pack 39, Library of emissions factors, US GHG emissions and sinks: 1990-2018 (Feb 2020), Table VM-1 of the Federal Highway Administration Highway Statistics 2018, and Bureau of Transportation Statistics, National Transportation Statistics for 2019.

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Greenhouse Gas Intensity (MTCO ₂ e/ Metric Ton of Production)	2015 (baseline)	2019	2020	2021
GHG Emissions Intensity Scope 1+2 - Market Based	0.97	0.71	0.66	0.60
GHG Emissions Intensity Scope 1	0.44	0.39	0.36	0.36
GHG Emissions Intensity Scope 2 - Market Based	0.54	0.32	0.31	0.24
GHG Emissions Intensity Scope 3	2.66	2.66	2.61	2.58

Greenhouse Gas Emissions (Thousands MTCO ₂ e)	2015 (baseline)	2019	2020	2021
GHG emissions reduction from actions, projects and initiatives	118	211	190	344
Other Pollutant Gases				
NO _x	2.6	1.6	1.2	1.1
SO ₂	1.9	1.3	0.0	0.2
Reduction by conservation and efficiency initiatives	807	1,200	617	459

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ENERGY (Trillion Joules)	2015 (baseline)	2019	2020	2021 ¹³
Total Non-Renewable Fuels Consumed	38,405	37,055	34,973	34,594
Coal	5,478	1,254	189	126
Fuel Oil	264	20	255	99
Natural Gas	31,658	34,519	33,291	33,247
Propane Gas	802	295	298	318
Butane	1			
Liquified Petroleum Gas (LPG)	203	968	939	804
Total Renewable Fuels Consumed	3,882	564	483	372
Biofuel Purchased	3,882	564	483	372
Electricity , Heating, Cooling and Steam Purchased	19,133	18,236	17,803	16,339
Electricity Purchased	18,148	16,912	16,324	14,788
Renewable Electricity Purchased	8	112	220	514
Total Steam Purchased	977	1,194	1,245	1,023
Total Hot Water Purchased		17	13	14
Self-Generated Electricity, Heating, Cooling and Steam	4	15	26	37
Renewable Electricity Generated	4	15	18	28
Biofuel Generated for Steam			8	9
Electricity, Heating, Cooling and Steam Sold	922	655	573	542
Electricity Sold	922	655	573	542
Total Energy Consumption	60,502	55,215	52,712	50,800
Energy Intensity (GJ/Metric Ton of Production)	11.86	10.97	10.46	10.40

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Water Footprint

Process Fresh Water Use (Million Cubic Meters)	2015 (baseline)	2019	2020	2021
Surface	44.8	37.5	40.8	42.7
% of total	49%	43%	47%	48%
Municipal	27.3	30.8	28.1	28.8
% of total	30%	36%	32%	32%
Groundwater	20	18.4	18.6	17.3
% of total	22%	21%	21%	19%
Total water use	92.1	86.7	87.6	88.8
Change from previous year	-2%	-4.20%	1.03%	1.41%
Water use efficiency (m³ / MT of Production)	19.2	18.8	18.6	19.4

Process Effluent Discharge Destinations (%)	2015 (baseline)	2019	2020	2021
Surface	89%	87%	88%	89%
Municipal	11%	13%	12%	11%



Actual Water Use at Mills in Water-Stressed Regions ¹	2015 (baseline)	2019	2020	2021
Tissue Mills Sub-Total Water Use	10,441,933	7,384,938	6,164,981	5,953,608
Non-Tissue Mills Sub-Total Water Use ²	3,756	903,568	886,493	894,901
Grand Total	10,445,689	8,288,506	7,051,474	6,848,509
% Reduction since 2015	N/A ³	21%	33%	34%

1. Water stressed mills are identified by cross reference of manufacturing site locations and high water stressed regions as indicated by the World Resource Institute Aqueduct Water Risk Atlas.
2. Water data collection for the majority of non-tissue mills began in 2017.
3. Baseline of 2015 – % reduction not applicable.



Plastics and Waste Footprint

Nonhazardous Manufacturing Waste
(% of total nonhazardous waste)¹

	2015 (baseline)	2019	2020	2021
Reused	16.7%	2.7%	4.5%	3.5%
Recycled	20.3%	25.2%	26.7%	27.0%
Alternative Daily Cover, Mine Reclamation and Liquid Solidification	40.0%	55.4%	55.7%	52.8%
Composted	2.0%	2.3%	2.5%	3.3%
Converted to energy	12.7%	8.0%	6.0%	5.9%
Incineration without heat recovery	0.7%	0.5%	0.1%	0.1%
Landfilled	7.6%	5.9%	4.3%	4.4%
Other	N/A	0.1%	0.2%	0.1%
Total nonhazardous waste (Million MT)	1.15	1.09	0.91	0.94

1. At Kimberly-Clark, all waste data is collected by mass except a portion of liquid waste which is collected by volume in liters with a conversion factor of 1 liter = 1 kilogram. Exceptions on goal to achieve zero waste to landfill by 2022 excludes major construction and demolition debris as well as regulated or mandated disposal methods.



Hazardous Manufacturing Waste ¹ (% of total hazardous waste)	2015 (baseline)	2019	2020	2021
Biological treatment	0.3%	0.8%	18.5%	19.2%
Recycled	22.6%	9.9%	9.0%	3.9%
Incineration without heat recovery	36.3%	38.9%	31.3%	32.4%
Chemical treatment	26.6%	3.7%	6.0%	6.7%
Surface impoundment	0.0%	0.0%	0.0%	0.0%
Thermal treatment	0.6%	0.7%	0.6%	0.4%
Permanent storage	0.5%	0.1%	0.7%	0.1%
Landfilled	6.8%	10.8%	10.7%	2.9%
Blended fuel	6.3%	29.6%	18.5%	19.2%
Deep well injection	0.0%	0.0%	0.0%	0.0%
Mandated waste	N/A	5.5%	3.4%	4.0%
Total hazardous waste (kg)	1.33	1.21	1.31	2.43

Manufacturing Waste Efficiency	2015 (baseline)	2019	2020	2021
Waste per Metric Ton of Production (MT/MT of Production)	0.23	0.21	0.18	0.19

1. At Kimberly-Clark, all waste data is collected by mass except a portion of liquid waste which is collected by volume in liters with a conversion factor of 1 liter = 1 kilogram.



Materials Consumption
and Production

	2019	2020	2021
Total production volume (Million MT of Production)	5.03	5.04	4.88
Materials used (Million MT)	5.42	5.53	5.20
Fiber			
Virgin fiber – product	2.29	2.49	2.31
Recycled fiber	1.08	0.88	0.82
Fiber based packaging	0.65	0.66	0.61
Plastic			
Plastic product materials	0.61	0.60	0.63
Plastic packaging materials	0.11	0.10	0.09
Chemicals			
Chemicals	0.18	0.17	0.15
Other			
Other renewable – (i.e., core stock, pallets)	0.04	0.14	0.07
Other non-renewable – (i.e., tape, adhesives, binders & absorbents)	0.46	0.50	0.52



Non-renewable materials used	2019	2020	2021
Total Weight	1,359,674	1,361,795	1,392,322
Renewable materials used	2019	2020	2021
Total Weight	4,064,031	4,165,691	3,805,772
Percentage of recycled input materials used to manufacture primary products and services	2019	2020	2021
Total Weight of Materials	5,423,704	5,527,486	5,198,094
Total Recycled Input Materials	1,083,052	881,985	824,590
Percentage of recycled inputs used	20.0%	16.0%	15.9%

Note Global data management is built upon purchased material goods data converted into weight through estimated factors. Data is to be considered as estimated and Kimberly-Clark will continue to refine as the program develops. We do not currently account for raw materials not purchased by Kimberly-Clark for purchased products.

