

Data summary table^[1]

Energy

SASB RT-CH-130a.1, GRI 302-1

Fuels	20	20	20	021	20	22	- % Change from prior year
ruels	ммвти	MWH	ммвти	MWH	ммвти	MWH	% Change from prior year
Non-renewable fuels							
Aviation Gasoline	9,620	2,819	15,124	4,433	18,176	5,327	20%
Diesel Fuel	66,084	19,367	38,036	11,147	27,336	8,011	-28%
Distillate fuel oil (#1, #2)	14,611	4,282	13,804	4,045	56,177	16,464	307%
Electric	2,878	843	0	0	0	0	_
Gasoline/Petrol	40,957	12,003	33,898	9,935	32,335	9,476	-5%
Hydrogen	0	0	0	0	0	0	_
Kerosene	16,437	4,817	15,970	4,680	17,101	5,012	7%
Liquefied petroleum gas (LPG)	2,860	838	1,973	578	2,293	672	16%
Natural gas	6,941,019	2,034,212	6,739,763	1,975,230	6,765,299	1,982,714	0%
Propane	12,781	3,746	15,126	4,433	14,259	4,179	-6%

^[1] Unless otherwise noted, the information presented is consistent with the scope of this report shown on page 124. Unless otherwise noted, 2019 and 2020 data have been restated the former N&B segment. Data values have been rounded for clarity within the appendix tables and may vary from corresponding values in the body of the report.

Fuels	20	020	20	021	2022		% Change from prior year	
rueis	ММВТИ	MWH	ммвти	MWH	ммвти	MWH	% Change from prior year	
Refinery fuel gas (RFG)	0	0	0	0	0	0	_	
Residual fuel (#4, #5, #6)	77,548	22,727	61,032	17,887	18,545	5,435	-70%	
Waste gas	431,542	126,472	462,645	135,588	539,531	158,121	17%	
Waste liquid	153,602	45,016	202,321	59,295	173,691	50,904	-14%	
Waste solid	0	0	0	0	0	0	_	
Total non-renewable fuels	7,769,939	2,277,142	7,599,692	2,227,250	7,664,742	2,246,314	1%	
Renewable fuels								
Biodiesel	7	2	6	2	6	2	-1%	
Biogas from waste water treatment	25,825	7,568	27,526	8,067	27,527	8,067	0%	
Ethanol	0	0	0	0	66	19	_	
Total renewable fuels	25,831	7,570	27,532	8,069	27,599	8,088	0%	
Total fuels (non-renewable + renewable)	7,795,769	2,284,715	7,627,224	2,235,319	7,692,341	2,254,403	1%	

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Energy use by type ^{[1][2]}	Unit	2020	2021	2022	% Change from prior year	Target
Fuels	MWh	2,284,715	2,235,319	2,254,403	1%	
Renewable fuels	%	0.33%	0.36%	0.36%	0%	
Electricity	MWh	1,661,910	1,783,824	1,764,882	-1%	
Renewable electricity (excluding RECs)	%	5.07%	5.10%	5.36%	4%	
Renewable electricity (including RECs) ^[3]	%	11.17%	18.14%	56.94%	214%	60%
Steam	MWh	1,517,011	1,644,422	1,634,472	-1%	
Heat transfer fluid	MWh	1	2	1	50%	
Chilled water	MWh	2,360	22	25	14%	

^[1] Purchased energy figures are net of energy sold to non-DuPont tenants and adjacent non-DuPont sites or buildings.

^[2] Where renewable % is not listed (chilled water, heat transfer fluid, and steam), DuPont's use of that fuel type is 100% non-renewable.

^[3] DuPont's target is 60% purchased renewable electricity including RECs by 2030.

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Emissions

GRI 305-1, GRI 305-2, SASB RT-CH-110a.1, SASB RT-CH-120a.1

Scope 1 emissions ^[1]	Unit	2020	2021	2022	% Change (2022 vs. 2021)
Direct energy emissions	MTCO ₂ e	380,200	372,400	393,500	5%
Emissions due to supplying energy	MTCO₂e	57,400	64,200	54,900	-14%
Process-related GHG emissions	MTCO₂e	1,490,000	1,300,000	980,900	-25%
Emissions due to mobile fuels	MTCO₂e	7,600	5,400	4,600	-15%
Total direct GHG emissions (Scope 1)	MTCO₂e	1,935,200	1,742,000	1,433,800	-18%

^[1] While we report our total gross Scope 1 and Scope 2 emissions as required under various reporting schemes, we set our goals based on the emissions over which we truly have control. In our goals related emissions calculations and self-reported sustainability communication, we exclude emissions that are due to energy generated for third parties, such as non-DuPont tenants or adjacent facilities. Our Scope 1 calculation includes CO₂, CH₄, N₂O, HFCs, and PFCs.

Biogenic emissions^[4]

1,345

1,434

1,435

0%

-30%

-10%

MTCO,e

1,597

^{[1] 2020} Data does not include former DuPont Nutrition & Bioscience business.

^[2] In reference to GRI 305-2, operational control methods outlined in the GHG Protocol Corporate Standard were used for consolidating direct (Scope 1) and energy indirect (Scope 2) GHG emissions.

^[3] Our target is 30% reduction of Scope 1 and 2 GHG emissions by 2030 from a 2019 base year. Our performance in 2022 achieved that goal and we have announced a more ambitious goal of 50% reduction by 2030 from the same baseline. We will begin reporting progress toward the new target in 2024. The new target boundary includes biogenic land-related emissions and removals from bioenergy feedstocks.

^[4] In reference to GRI 305-3, Biogenic CO, emissions are reported in metrics tons of CO, equivalent.

GRI 305-3

Scope 3 emissions ^{[1][2][3]}	Unit	2020 (target base year)	2021	2022	% of total	% Change from prior year	% Change from base year	Target
Category 1: Purchased goods and services	MTCO ₂ e	4,064,065	5,301,916	4,980,908	42	-6%	23%	
Category 2: Capital goods	MTCO ₂ e	81,396	76,661	67,557	0.569	-12%	-17%	
Category 3: Fuel and energy related activities (FERA)	MTCO ₂ e	450,442	487,926	491,330	4.138	1%	9%	
Category 4: Upstream transportation & distribution	MTCO ₂ e	494,854	627,019	677,364	5.704	8%	37%	
Category 5: Waste	MTCO ₂ e	49,445	46,476	61,411	0.517	32%	24%	
Category 6: Business travel	MTCO ₂ e	1,299	3,271	9,801	0.083	200%	655%	
Category 7: Employee commuting	MTCO ₂ e	18,949	20,320	21,411	0.180	5%	13%	
Category 8: Upstream leased assets	MTCO ₂ e	1,615	1,280	1,058	0.009	-17%	-34%	
Category 9: Downstream transportation & distribution	MTCO ₂ e	28,986	18,604	23,067	0.194	24%	-20%	
Category 10: Processing of sold products	MTCO ₂ e	540,714	588,702	605,541	5.099	3%	12%	
Category 11: Use of sold products	MTCO ₂ e	15,401	15,460	11,228	0.095	-27%	-27%	

^[1] In reference to GRI 305-3, Scope 3 emissions were calculated with reference to the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard and the Corporate Value Chain (Scope 3) Accounting and Reporting Standard, as well as the World Business Council for Sustainable Development WBCSD) Guidance for Accounting and Reporting Corporate GHG Emissions in the Chemical Sector Value Chain. GHGs included in the calculations are CO₂, CH₄, N₂O, HFCs, PFCs, F₆, and NF₃.

^[2] In the reporting on Scope 3 emissions on page 53 of this report, the categories are reported as Purchased goods and services, End of life of sold products, Processing of sold products, Upstream transportation & distribution, Fuel and energy related activities, and Other. Other is the sum of the remaining 10 categories as shown in this table.

^[3] The values for 2020 have been restated to reflect improvements in calculation methodologies and scope changes as a result of divestitures and acquisitions. This is the first instance of reporting 2021 values, which also reflect the latest calculation methodologies and scope of the organization as of the end of 2022.

Scope 3 emissions ^{[1][2][3]}	Unit	2020 (target base year)	2021	2022	% of total	% Change from prior year	% Change from base year	Target
Category 12: End of life of sold products (EoL)	MTCO ₂ e	6,271,151	5,925,924	4,899,205	41	-17%	-22%	
Category 13: Downstream leased assets	MTCO ₂ e	NA	NA	NA	NA	NA	NA	
Category 14: Franchises	MTCO ₂ e	NA	NA	NA	NA	NA	NA	
Category 15: Investments	MTCO ₂ e	27,275	30,388	25,059	0	-18%	-8%	
TOTAL—Scope 3	MTCO ₂ e	12,045,592	13,143,947	11,874,940	100	-10%	-1%	
Category 1 + Category 12 ^[4]	MTCO₂e	10,335,216	11,227,840	9,880,113	82.0%	-12.0%	-4.4%	-25%

^[4] The scope of our target for reduction of Scope 3 emissions includes categories 1 and 12 by 25% by 2030 from the 2020 base year. These two categories were selected as the scope for target setting because these are the two largest and where we have the most ability to make reductions. We will begin reporting progress against that target in 2024.

GRI 305-7

Other air emissions ^[1]	Unit	2020	2021	2022	% Change from prior year
Nitrogen Oxides (NO _X)	MT	488	576	592	3%
Sulfur Oxides (SO _x)	MT	4	7	5	-29%
Volatile Organic Compounds (VOCs)	MT	932	1045	1037	-1%
Particulate Matter (PM, total)	MT	19	13	14	8%

^[1] In reference to GRI 305-7, published emission factors, engineering calculations, and direct measurements are used to calculate and report air emissions.

Energy and emissions intensity $^{\![1]}$

GRI 302-3, GRI 305-4

	Unit	2020	2021	2022	% Change from prior year
Total energy	MWh	5,197,022	5,363,560	5,396,769	1%
Scope 1 and 2 (market-based) emissions	MTCO ₂ e	2,985,319	2,739,387	2,133,451	-22%
Production volume	MT	981,519	1,101,029	1,065,747	-3%
Revenue	Million USD	\$11,128	\$12,566	\$13,017	4%
Energy intensity, production basis	MWh/MT	5.29	4.87	5.06	4%
Energy intensity, revenue basis	MWh/USD	467	427	415	-3%
GHG emissions intensity, production basis	MTCO ₂ e/MT	3.04	2.49	2.00	-20%
GHG emissions intensity, revenue basis	MTCO ₂ e/USD	268	218	164	-25%

^[1] In reference to GRI 302-3, energy intensity ratio by business unit, country, source, and activity is a confidential omission.

Waste^{[1][2]}

GRI 306-3, GRI 306-4, GRI 306-5, SASB RT-CH-150a.1

	Unit	2020	2021	2022	% Change from prior year
		Onsite/Offsite/Total	Onsite/Offsite/Total	Onsite/Offsite/Total	
Beneficial use					
Reuse—hazardous	MT	0 / 600 / 600	0 / 830 / 830	0 / 787 / 787	-5%
Reuse—non-hazardous	MT	0 / 1,388 / 1,388	0 / 1,647 / 1,647	0 / 1,342 / 1,342	-18%
Recycling/reclamation/recovery—hazardous	MT	0 / 10,400 / 10,400	0 / 15,100 / 15,100	0 / 14,500 / 14.500	-4%
Recycling/reclamation/recovery—non-hazardous	MT	10,100 / 48,700 / 58,800	11,300 / 34,500 / 45,800	11,200 / 31,600 / 42,800	-7%
Total beneficial use of waste	MT	71,200	63,400	59,400	-6%
Hazardous waste generated					
Incinerated—with energy recovery	MT	2,400 / 6,200 / 8,600	3,600 / 6,400 / 10,000	6,200 / 11,400 / 17,600	76%
Incinerated—without energy recovery	MT	0 / 10,400 / 10,400	0 / 9,400 / 9,400	0 / 9,400 / 9,400	0%
Landfilled	MT	0 / 11,400 / 11,400	0 / 11,000 / 11,000	0 / 10,600 / 10,600	-4%
Other disposal	MT	0 / 17,900 / 17,900	0 / 15,200 / 15,200	0 / 14,000 / 14,000	-8%
Total hazardous waste generated	MT	48,300	45,600	51,600	13%

^[1] In 2022, we aligned our reporting of energy recovery of waste to the GRI reporting standards, reporting quantities in the categories incinerated hazardous and non-hazardous waste generated rather than beneficial use. 2020 and 2021 values are restated to adopt this change.

^[2] In reference to GRI 306-3 2.1, effluent unless required by state or federal requirements is excluded from total weight of waste generated in metric tons.

	Unit	2020 2021		2022	% Change from prior year
		Onsite/Offsite/Total	Onsite/Offsite/Total	Onsite/Offsite/Total	
Non-hazardous waste generated					
Incinerated—with energy recovery	MT	4,500 / 8,000 / 12,600	6,200 / 8,800 / 15,000	3,000 / 8,500 / 11,600	-23%
Incinerated—without energy recovery	MT	0 / 7,700 / 7,700	0 / 8,200 / 8,200	0 / 7,700 / 7,700	-7
Landfilled	MT	0 / 45,000 / 45,000	0 / 37,200 / 37,200	0 / 35,900 / 35,900	-4%
Other disposal	MT	97,600 / 16,100 / 113,700	135,000 / 18,500 / 153,600	146,500 / 16,500 / 163,100	2%
Total non-hazardous waste generated	MT	179,000	214,000	218,200	2%
Total waste generated	МТ	298,500	323,000	329,200	2%

Water^[1]

GRI 303-5, GRI 303-3, GRI 303-4, SASB RT-CH-140a.1

2020 23,100 378	2021	2022	% Change from prior year
		24,700	15%
378	452		
†	452	396	-12%
2%	2%	2%	
22,900	21,000	23,100	10%
308	386	345	-11%
1%	2%	1%	
2,600	2,200	2,100	-2%
69	66	54	-18%
3%	3%	3%	
	2,600 69	2,600 2,200 69 66	2,600 2,200 2,100 69 66 54

^[1] In reference to GRI 303-3, a breakdown by source is an omission. Water withdrawal and water discharge by source is tracked, but not shared externally.

Employee and contractor health and safety^[1]

GRI 403-9, GRI 403-10, SASB RT-CH-540a.1, SASB RT-CH-540a.2, SASB RT-CH-320a.1

Safety	2020 fety				2021			2022		% Change from prior year
performance	Employees	Contractors	Employees + Contractors	Employees	Contractors	Employees + Contractors	Employees	Contractors	Employees + Contractors	Employees + Contractors
DAWC cases ^[2]	12	5	17	10	5	15	5	1	6	-60%
DAWC rate	0.060	0.08	0.07	0.040	0.08	0.05	0.02	0.02	0.02	-60%
TRC ^[3]	35	26	61	49	24	73	31	12	43	-41%
TRIR ^[4]	0.18	0.41	0.24	0.22	0.37	0.25	0.14	0.19	0.15	-40%
Fatalities	0	0	0	0	0	0	0	0	0	
Exposure hours ^[5]	38,231,210	12,610,166	50,841,377	44,777,474	12,915,558	57,693,032	45,404,332	12,586,288	57,990,620	

^[1] N&B data excluded from all 3 years, Water acquisitions included in 2021. Laird acquisition not included in 2021.

^[2] Days Away from Work Case is a work-related case where an employee is unable to work due to a work-related injury or illness.

^[3] Total Recordable Cases includes Days Away from Work Cases, Restricted Workday Cases, and Medical Treatment Cases.

^[4] Total Recordable Incident Rate = (Number of Recordable Cases X 200,000/Number of Exposure Hours) in a given time period.

^[5] Exposure hours is total hours worked by all employees during a month, a quarter, or fiscal year. (OSHA)

Process safety	2020	2021	2022	% Change from prior year
Process Safety Tier 1 event count	2	5	1	-80%
Process Safety Tier 2 event count	5	7	11	57%
Process Safety Tier 1 event rate	0.009	0.021	0.004	-81%
Process Safety Tier 2 event rate	0.024	0.030	0.053	77%
Process Safety Tier 1 event severity rate	0.004	0.013	0.004	-69%
Transportation incidents (Tier 2)	0	0	0	0%
Fatalities	0	0	0	0%

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Employee demographics[1]

GRI 405-1, GRI 2-7

Global gender	2020	2021	2022
Female	28%	28%	31%
Male	72%	72%	68%

^[1] Values for prior reporting periods are as-reported, not restated for change in scope of the organization through divestitures and acquisitions.

Gender by job category	20	2020)21	2022		
	Female	Female Male		Male	Female	Male	
Non-exempt			18%	82%	23%	76%	
Individual contributor		Not disclosed		56%	44%	56%	
Supervisor	Not dis			69%	32%	68%	
Manager				74%	27%	72%	
Senior leader			26%	74%	27%	73%	

Gender by region ^[2]	2020		20	21	2022		
	Female Male		Female	Female Male		Male	
North America			25%	75%	25%	75%	
South America	N !		50%	50%	51%	49%	
EMEA	Not disclosed		22%	77%	26%	73%	
APAC			35%	65%	40%	60%	

^[2] In instances where the total is not 100% it is because gender was not disclosed. We respect that gender is not binary, however, as a federal contractor our data aligns with U.S. government reporting requirements and uses the gender categories of male and female. Employees who have not disclosed are not included.

Condos human arqual ^[1]	20	2020		2021		2022	
Gender by age group ^[1]	Female	Female Male		Male	Female	Male	
<20			42%	58%	40%	60%	
21-25			36%	64%	36%	64%	
26-30			35%	65%	37%	62%	
31–35			29%	71%	35%	65%	
36-40			29%	70%	32%	68%	
41-45	Not di	sclosed	28%	72%	31%	69%	
46-50			28%	72%	31%	69%	
51–55			25%	75%	28%	72%	
56-60			23%	77%	26%	74%	
60+			23%	77%	24%	76%	

DuPont gender diversity ^[1]	20	20	20)21	2022		
	Female	Male	Female	Male	Female	Male	
Global workforce	28%	72%	28%	72%	31%	68%	
Senior leaders	24%	76%	26%	74%	27%	73%	
Board of directors	17%	83%	25%	75%	33%	67%	

DuPont racial and ethnic diversity	20	20	20)21	2022		
	Minority	White	Minority	White	Minority	White	
U.S. workforce	28%	72%	30%	70%	33%	67%	
Senior leaders	33%	67%	34%	66%	35%	65%	
Board of directors	33%	67%	25%	75%	17%	83%	

^[1] In instances where the total is not 100% it is because gender was not disclosed. We respect that gender is not binary, however, as a federal contractor our data aligns with U.S. government reporting requirements and uses the gender categories of male and female. Employees who have not disclosed are not included.

Race and ethnicity by job category (U.S. population)	American Indian or Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian or Other Pacific Islander	Not disclosed	Two or more races	White
Non-exempt	44	201	1,399	289	12	18	74	3,266
Individual contributor	3	105	155	86	2	8	32	1,150
Supervisor	7	272	150	95	1	13	23	1,552
Manager	0	115	45	40	0	11	7	600
Senior leader ^[1]	1	15	9	6	0	0	0	75

^[1] Senior leader category reflects the global population of top company leadership.

Race and ethnicity by age group (U.S. population)	American Indian or Alaska Native	Asian	Black or African American	Hispanic or Latino	Native Hawaiian or Other Pacific Islander	Not disclosed	Two or more races	White
<20	0	0	3	5	0	0	2	26
21–25	1	20	56	35	0	6	17	260
26–30	3	60	119	61	1	7	26	509
31–35	4	100	197	53	3	3	27	715
36–40	8	98	213	70	1	2	17	717
41–45	5	84	233	78	3	7	14	755
46–50	0	116	251	66	2	5	13	757
51–55	15	99	307	66	1	8	11	1,001
56–60	15	83	229	51	1	10	3	1,092
60+	4	48	150	31	3	2	6	811