

Use of sold products

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

In FY16, we launched an initiative to better understand sustainability related risks and opportunities within our business with the intent of establishing strategies and programs to strengthen our social and environmental performance, including performance related to climate change. As part of this initiative as well as our deeper commitment to sustainable food production, we announced in May 2017 a collaboration with the World Resources Institute (WRI) to become an industry leader by setting science-based greenhouse gas (GHG) targets for our operations and our supply chain (i.e., Scope 1, 2, and 3). In early 2018, we announced a target to reduce greenhouse gases (GHG) 30 percent by 2030. Our science-based target was officially approved by the SBTi on July 31, 2018. As part of this initiative, Tyson used Ecofys and WRI's Goods and Services screening model to qualitatively determine Tyson's relevant scope 3 categories. In 2021, we announced our ambition to achieve net-zero GHG emissions across our global operations and supply chain by 2050, including Scopes 1, 2 and 3. This expands upon our Science Based Target of achieving a 30% absolute GHG emissions reduction by 2030, for Scopes 1 and 2, which aligned to prior climate goals of minimizing global temperature rise to 2.0°C. We are also working to update our baseline for emissions to include business operations acquired since our initial calculations and align with the Paris Agreement goal of limiting temperature rise to 1.5°C by the end of 2023. As we are working to update our baseline Tyson Foods, we will be refining Scope 3 estimates and goals. Scope 3 emissions information will also be further addressed as supplier data and standardized methodologies for calculations across industry sectors become available.

End of life treatment of sold products

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

In FY16, we launched an initiative to better understand sustainability related risks and opportunities within our business with the intent of establishing strategies and programs to strengthen our social and environmental performance, including performance related to climate change. As part of this initiative as well as our deeper commitment to sustainable food production, we announced in May 2017 a collaboration with the World Resources Institute (WRI) to become an industry leader by setting science-based greenhouse gas (GHG) targets for our operations and our supply chain (i.e., Scope 1, 2, and 3). In early 2018, we announced a target to reduce greenhouse gases (GHG) 30 percent by 2030. Our science-based target was officially approved by the SBTi on July 31, 2018. As part of this initiative, Tyson used Ecofys and WRI's Goods and Services screening model to qualitatively determine Tyson's relevant scope 3 categories. In 2021, we announced our ambition to achieve net-zero GHG emissions across our global operations and supply chain by 2050, including Scopes 1, 2 and 3. This expands upon our Science Based Target of achieving a 30% absolute GHG emissions reduction by 2030, for Scopes 1 and 2, which aligned to prior climate goals of minimizing global temperature rise to 2.0°C. We are also working to update our baseline for emissions to include business operations acquired since our initial calculations and align with the Paris Agreement goal of limiting temperature rise to 1.5°C by the end of 2023. As we are working to update our baseline Tyson Foods, we will be refining Scope 3 estimates and goals. Scope 3 emissions information will also be further addressed as supplier data and standardized methodologies for calculations across industry sectors become available.

Downstream leased assets

Evaluation status

Relevant, not yet calculated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

In FY16, we launched an initiative to better understand sustainability related risks and opportunities within our business with the intent of establishing strategies and programs to strengthen our social and environmental performance, including performance related to climate change. As part of this initiative as well as our deeper commitment to sustainable food production, we announced in May 2017 a collaboration with the World Resources Institute (WRI) to become an industry leader by setting science-based greenhouse gas (GHG) targets for our operations and our supply chain (i.e., Scope 1, 2, and 3). In early 2018, we announced a target to reduce greenhouse gases (GHG) 30 percent by 2030. Our science-based target was officially approved by the SBTi on July 31, 2018. As part of this initiative, Tyson used Ecofys and WRI's Goods and Services screening model to qualitatively determine Tyson's relevant scope 3 categories. In 2021, we announced our ambition to achieve net-zero GHG emissions across our global operations and supply chain by 2050, including Scopes 1, 2 and 3. This expands upon our Science Based Target of achieving a 30% absolute GHG emissions reduction by 2030, for Scopes 1 and 2, which aligned to prior climate goals of minimizing global temperature rise to 2.0°C. We are also working to update our baseline for emissions to include business operations acquired since our initial calculations and align with the Paris Agreement goal of limiting temperature rise to 1.5°C by the end of 2023. As we are working to update our baseline Tyson Foods, we will be refining Scope 3 estimates and goals. Scope 3 emissions information will also be further addressed as supplier data and standardized methodologies for calculations across industry sectors become available.

Franchises

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Tyson Foods is a modern, multi-national, protein-focused food company and does not operate as or in partnership with franchises.

Investments

Evaluation status

Not relevant, explanation provided

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Not applicable.

Other (upstream)

Evaluation status

Not evaluated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Not applicable.

Other (downstream)

Evaluation status

Not evaluated

Emissions in reporting year (metric tons CO2e)

<Not Applicable>

Emissions calculation methodology

<Not Applicable>

Percentage of emissions calculated using data obtained from suppliers or value chain partners

<Not Applicable>

Please explain

Not applicable.

C-AC6.8/C-FB6.8/C-PF6.8

(C-AC6.8/C-FB6.8/C-PF6.8) Is biogenic carbon pertaining to your direct operations relevant to your current CDP climate change disclosure?

Yes

C-AC6.8a/C-FB6.8a/C-PF6.8a

(C-AC6.8a/C-FB6.8a/C-PF6.8a) Account for biogenic carbon data pertaining to your direct operations and identify any exclusions.

CO2 emissions from land use management

Emissions (metric tons CO2)

0

Methodology

Default emissions factors

Please explain

There were no emissions from this type.

CO2 removals from land use management

Emissions (metric tons CO2)

0

Methodology

Default emissions factors

Please explain

There were no emissions from this type.

Sequestration during land use change

Emissions (metric tons CO2)

0

Methodology

Default emissions factors

Please explain

There were no emissions from this type.

CO2 emissions from biofuel combustion (land machinery)

Emissions (metric tons CO2)

0

Methodology

Default emissions factors

Please explain

There were no emissions from this type.

CO2 emissions from biofuel combustion (processing/manufacturing machinery)

Emissions (metric tons CO2)

24168

Methodology

Default emissions factors

Please explain

At six of our production locations, we have covered wastewater treatment lagoons that allow us to capture the biogas generated from the lagoons. Biogas is generated by bacteria-consuming nutrients in the wastewater, which then produce methane and carbon dioxide gases. We clean up the biogas by removing some of the sulfur and water then use a portion of the biogas in plant boilers at four of the six plants, allowing us to use less natural gas. This practice takes advantage of a renewable fuel source, helps reduce greenhouse gas emissions and reduces the amount of natural gas we need to purchase. In FY2021, we burned approximately 767 million cubic feet of biogas in our boilers. The revenue is lower in FY2021 since Amarillo had a rebate due to a winter storm that resulted in a credit of \$1.13/mmbtu (\$132,341). Although the amount of biogas burned in boilers increased from FY2020 to FY2021 the heat content of the biogas decreased. This is equivalent to the amount of natural gas used by more than 10,365 homes annually (0.074 mmcf/home annually).

CO2 emissions from biofuel combustion (other)

Emissions (metric tons CO2)

0

Methodology

Default emissions factors

Please explain

There were no emissions from this type.

C-AC6.9/C-FB6.9/C-PF6.9

(C-AC6.9/C-FB6.9/C-PF6.9) Do you collect or calculate greenhouse gas emissions for each commodity reported as significant to your business in C-AC0.7/FB0.7/PF0.7?

Agricultural commodities

Cattle products

Do you collect or calculate GHG emissions for this commodity?

Yes

Please explain

GHG emissions are calculated for each facility. Tyson Foods can provide the GHG emissions as a total for all cattle product production facilities. As well, production is monitored for each facility so the GHG emissions per production unit are submitted in Question 6.9a.

Agricultural commodities

Soy

Do you collect or calculate GHG emissions for this commodity?

No, not currently but intend to collect or calculate this data within the next two years

Please explain

Agricultural commodities

Other (Poultry products)

Do you collect or calculate GHG emissions for this commodity?

Yes

Please explain

GHG emissions are calculated for each facility. Tyson Foods can provide the GHG emissions as a total for all poultry product production facilities. As well, production is monitored for each facility so the GHG emissions per production unit are submitted in Question 6.9a.

C-AC6.9a/C-FB6.9a/C-PF6.9a

(C-AC6.9a/C-FB6.9a/C-PF6.9a) Report your greenhouse gas emissions figure(s) for your disclosing commodity(ies), explain your methodology, and include any exclusions.

Cattle products

Reporting emissions by

Total

Emissions (metric tons CO2e)

842021

Denominator: unit of production

<Not Applicable>

Change from last reporting year

Lower

Please explain

Emissions for Scope 1 and Scope 2 for facilities that harvest and process cattle for beef products was reduced from FY2020 to FY2021 due to a reduction in the emissions factors for the electrical grid; a 7.3% reduction in Scope 2 emissions as well there was a 94% reduction in freon usage.

Soy

Reporting emissions by

Please select

Emissions (metric tons CO2e)

Denominator: unit of production

<Not Applicable>

Change from last reporting year

Please explain

Other

Reporting emissions by

Total

Emissions (metric tons CO2e)

2572026

Denominator: unit of production

<Not Applicable>

Change from last reporting year

Lower

Please explain

Emissions for Scope 1 and Scope 2 for facilities that harvest, and process chicken products were added together to arrive at the total emission figure. The decrease is due to a decrease in grid emissions factors as well as a slight decrease in the FY2021 electricity used which resulted in a 12.35% decrease in scope 2 emissions. As well, there was a 6.21% decrease in stationary combustion emissions due to a decrease of 921,508 mmbtu of stationary fuel; 71% reduction in boiler propane and 43% reduction in reefer diesel.

C6.10

(C6.10) Describe your gross global combined Scope 1 and 2 emissions for the reporting year in metric tons CO2e per unit currency total revenue and provide any additional intensity metrics that are appropriate to your business operations.

Intensity figure

0.0001229

Metric numerator (Gross global combined Scope 1 and 2 emissions, metric tons CO2e)

5782573.29

Metric denominator

unit total revenue

Metric denominator: Unit total

47050000000

Scope 2 figure used

Location-based

% change from previous year

14.7

Direction of change

Decreased

Reason for change

The decrease is due to the reduction in grid emission factors as well as a reduction in overall fuel usages, and the emission reduction initiatives reporting in C4.3b (fugitive emission reductions and low-carbon energy generation).

C7. Emissions breakdowns

C7.1

(C7.1) Does your organization break down its Scope 1 emissions by greenhouse gas type?

Yes

C7.1a

(C7.1a) Break down your total gross global Scope 1 emissions by greenhouse gas type and provide the source of each used greenhouse warming potential (GWP).

Greenhouse gas	Scope 1 emissions (metric tons of CO ₂ e)	GWP Reference
CO ₂	2899105	IPCC Fourth Assessment Report (AR4 - 100 year)
CH ₄	786510	IPCC Fourth Assessment Report (AR4 - 100 year)
N ₂ O	2330	IPCC Fourth Assessment Report (AR4 - 100 year)
HFCs	138139	IPCC Fourth Assessment Report (AR4 - 100 year)

C7.2

(C7.2) Break down your total gross global Scope 1 emissions by country/region.

Country/Region	Scope 1 emissions (metric tons CO ₂ e)
United States of America	3826285.87

C7.3

(C7.3) Indicate which gross global Scope 1 emissions breakdowns you are able to provide.

By business division

By facility

C7.3a

(C7.3a) Break down your total gross global Scope 1 emissions by business division.

Business division	Scope 1 emissions (metric ton CO ₂ e)
Poultry	1696284.54
Fresh Meats	1035826.98
Prepared Foods	442132.86
Warehouse and Distribution	55207.15
Operation Services	19.46
Corporate	416448.67
Local Grain Services	894.69
McDonalds	179471.52

C7.3b

(C7.3b) Break down your total gross global Scope 1 emissions by business facility.

Facility	Scope 1 emissions (metric tons CO ₂ e)	Latitude	Longitude
54th Street, (Enid OK)	9691.317	36.3957	-97.7997
Albany Plant	22386.172	36.758122	-85.178448
Albertville Complex Adm.	17.986	34.266526	-86.192787
Albertville Feed Mill	1372.672	34.2884	-86.2163
Albertville Hatchery	459.937	34.2715	-86.1937
Albertville Live Haul	1200.726	34.271054	-86.195687
Albertville Plant	7399.888	34.2714	-86.1971
Albertville Truck Shop	50.236	34.2672	-86.1921

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Aliceville Blend Mill	24.393	33.082002	-88.09624
Amarillo Hides	4758.435	35.2578	-101.649
Amarillo Plant	92981.815	35.2578	-101.649
Amarillo TESCO	49.022	35.2371	-101.6864
Amherst Plant	1015.05	41.416109	-82.200814
Anderson Nursery Farm	56.989	35.192011	-96.176081
Armour, South Dakota	2.454	43.307055	-97.653475
Amarillo PBX	662.823	35.2578	-101.649
Aurora Feed Mill	2207.561	36.9761	-93.6994
Aviation	4569.981	36.283543	-94.30211
Bancroft, IA	2.454	43.290978	-93.778051
Baxter Nursery Farm	122.618	35.080361	-96.399176
Bergman Feed Mill	4658.878	36.3163	-93.01
Berry Street Plant	19987.46	36.1899	-94.1256
Berryville Growout	277.956	36.332568	-93.422106
Berryville Plant	42207.223	36.372	-93.57
Black Farm	0.009	35.066768	-96.406015
Blountsville Plant	52654.46	34.0556	-86.5817
Bluffton, Indiana	3.321	40.732437	-84.816078
Bolivar Feed Mill	5632.316	34.386	-84.711
Broken Bow Hatchery	1036.007	34.0347	-94.7592
Broken Bow Plant	73219.311	33.959	-94.756
Broken Bow Shop	179.85	34.115488	-94.732267
Burlington, Michigan	2.599	42.105467	-84.942233
Blountsville Live Haul	939.395	34.078952	-86.586241
Camilla Breeders	36.113	31.257862	-84.194418
Camilla Broilers	31.801	31.231854	-84.159163
Camilla CS Grain	13.841	31.220174	-84.191237
Camilla Feedmill	6373.704	31.214367	-84.19472
Camilla Hatchery	582.541	31.257862	-84.194418
Camilla Plant	21784.712	31.279376	-84.183912
Camilla Truck Shop	0.068	31.232514	-84.222144
Carthage Growout	290.548	31.936747	-94.239951
Carthage Plant	7959.207	32.1729	-94.3258
Carthage Plant (Choctaw)	73100.005	32.8256	-89.5352
Caseyville Plant	758.548	38.609494	-90.056141
Center Breeders	0	31.577243	-94.651014
Center Growout	362.524	31.577243	-94.651014
Center Hatchery	447.063	31.5772	-94.6525
Center Hatchery (Carthage)	508.297	31.79681	-94.181978
Center Processing Plant	11702.796	31.7932	-94.1664
Center Service Center	89.432	31.7951	-94.1669
Chicago Plant (Bruss)	661.656	41.9452	-87.7372
Chicago Serv Ctr	0.06	42.080752	-88.329859
Chick-N-Quick Plant	18514.232	36.3183	-94.1208
Cincinnati Plant	38711.303	35.714294	-81.13792
Claremont Plant	66268.548	35.7147	-81.1367
Clarksville Growout	224.581	35.471822	-93.453531
Clarksville Hatchery #1	1236.393	35.4542	-93.4622
Clarksville Plant	51360.087	35.4728	-93.4572
Clarksville Truck shop/Service Center	187.634	35.447957	-93.455398
Claryville Plant	11733.901	38.9101	-84.3828
Clyde Farm	3.754	36.268572	-94.702639
Coleman, South Dakota	2.743	43.978709	-95.248654
Columbia Plant	55.194	33.9567	-80.9936
Concordia Blendmill	0.012	31.772044	-93.563876
Concordia Plant	3556.483	38.9685	-93.5662
Conroy, Iowa	2.599	41.731037	-90.002515
Corporate	404903.571	36.154241	-94.153935
Corporate 412 West	32.919	36.173308	-94.157658
Corporate Lab - Springdale	407.304	36.151829	-94.156536
Corunna, Indiana	2.425	41.437306	-84.841659
Corydon Feed Mill	1238.87	38.3174	-86.1352
Corydon Growout	159.324	38.206956	-86.116817
Corydon Hatchery	686.091	38.2456	-86.1364
Corydon Plant	5004.506	38.2072	-86.1171
Council Bluffs Case Rdy Plant	19287.399	41.2419	-95.8873
Council Bluffs Prepared	9848.885	41.2419	-95.8873
County Line Farm	124.324	35.288566	-96.339722
Craig Feed Mill	6342.263	34.0257	-94.6312
Creighton, NE	2.454	42.439328	-96.103596

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Crewe Live Haul	1901.792	36.99498	-77.660906
Crewe Service Center	11.26	37.2645	-78.1347
Cuthbert Truck Shop	0.316	42.851475	-96.533984
Cullman Blend Mill	5.829	34.1461	-86.8278
Cullman Truck Shop	65.633	34.1461	-86.8278
Cumming Growout	312.77	34.205405	-84.142656
Cumming Live Haul	2655.195	34.205631	-84.142606
Cumming Plant	7534.049	34.2056	-84.1427
Cumming Truck Shop	70.755	34.2056	-84.1427
Cuthbert Blend Mill	63.094	31.770243	-84.789619
Dahlongega Hatchery	857.008	34.524434	-83.98326
Dakota City Hides	2429.172	42.4265	-96.4169
Dakota City Plant	75831.26	42.4265	-96.4169
Dakota Dunes Corp	1306.924	42.502713	-96.481924
Dallas Plant	7862.663	32.6851	-96.8873
Dardanelle Growout	233.102	35.217174	-93.161283
Dardanelle Live Haul	1043.676	35.217508	-93.160439
Dardanelle Plant	7061.504	35.2169	-93.1603
Dardanelle Truck Shop	42.925	35.1376	-93.0899
Dakota City PBX	2623.052	31.7691	-84.4186
Dawsonville Blend Mill	20.729	34.491098	-84.186003
Dakota City Staff	1011.759	35.28744	-85.91394
Delaware AI Farm	47.752	36.182925	-94.606862
DeMotte, Indiana	3.032	41.1457	-86.829219
Denison Plant	200.184	42.0017	-95.3847
Dexter Feed Mill	2161.137	36.8005	-89.9355
Dexter Growout	242.488	36.882182	-89.919128
Dexter Hatchery	490.535	36.7942	-89.9356
Dexter Live Haul	44.291	36.792951	-89.944362
Dexter Plant	7804.48	36.7933	-89.9449
Dexter Truck Shop	21.603	36.792951	-89.944362
Eagle Mountain Case Ready	752.375	40.314116	-112.00688
Downers Grove Office	1810.271	41.829022	-88.033334
Dredging	0	42.42994	-96.41417
Dustin Nursery Farm	90.701	35.270652	-96.030834
Dyer Grain	127.301	36.064268	-88.992122
Easley Plant	0	34.923879	-82.590874
Elizabeth City Grain	163.39	34.225143	-76.299687
Emporia PBX	0.553	38.402778	-96.211113
Emporia Plant	15218.063	38.4028	-96.2111
Enhanced Colony Farm	459.615	36.180873	-93.909831
Enid Distribution Center	1186.746	36.418203	-97.804859
Enterprise Enid Plant	24860.005	36.4165	-97.8049
Essex Grain Elevator	523.058	36.83138	-89.756469
Eufaula Farm	121.965	32.1081	-85.07956
Eufaula Feedmill	7631.15	31.788255	-85.821883
Eufaula FP Plant	0.323	31.805838	-85.31985
Eufaula Fresh Plant	14806.666	31.805838	-85.31985
Eufaula Hatchery	2341.99	31.805838	-85.31985
Fairplains Hatchery	88.274	36.1941	-81.1511
Farmersburg, Iowa	3.85	42.961166	-90.632075
Finney County PBX	52.932	37.9995	-101.0273
Fayetteville Complex	11999.537	36.035	-94.171
Fayetteville Office (MLK Blvd)	43.503	38.910065	-84.382821
Finney County Hides	9.851	37.9995	-101.0273
Finney County Plant	175514.775	37.9995	-101.0273
Fort Worth Distribution Center	587.676	32.8312	-97.3492
Fontanelle, Iowa	0	41.289518	-93.447182
Ford Avenue Plant	50.904	36.1766	-94.1066
Forest Growout (MLO)	4907.334	32.367606	-89.485523
Forest, MS Complex	11621.141	32.359	-89.491
Fort Worth South Dist Center	26.75	32.632446	-97.312815
Fort Smith Leased Plant	80.878	35.395448	-93.59011
Fort Smith Leased Warehouse	13.236	35.395448	-93.59011
Fort Smith Office - Lease Property	3.431	35.395448	-93.59011
Fort Smith Plant	135.972	35.3948	-94.4093
Franklin Feedmill	6720.07	36.679362	-86.56046
Franklin Hatchery	724.074	36.679362	-86.56046
Freeman, South Dakota	2.599	43.357429	-96.576891
Gadsden Plant	14143.691	33.961586	-86.078299
Gainesville Blend Mill	45.863	34.225143	-83.787181

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Garner, Iowa	2.887	43.104199	-92.304638
Gas Company (Springdale)	103.232	36.149145	-94.156122
Geneva, Minnesota	4.043	43.828435	-92.734784
George Research/Training Farm	46.18	35.272913	-96.200398
Glen Allen Plant	6268.447	37.698	-77.5528
Gonzales Feed Mill	1992.626	29.5277	-97.4522
Goodfield, Illinois	2.743	40.640555	-88.727877
Goodlettsville Case Rdy Plant	10486.952	36.3305	-86.7096
Grannis Live Haul	2176.599	34.240713	-94.334806
Grannis Plant	17669.383	34.241	-94.335
Grannis Shop	41.63	34.240713	-94.334806
Grannis/Broken Bow Growout	490.605	34.240713	-94.334806
Green Forest Hatchery	1318.337	36.3329	-93.4217
Green Forest Live Haul	1239.623	36.334171	-93.422464
Green Forest Par-Fry Plant	8051.207	36.330912	-93.429329
Green Forest Plant	20668.551	36.3311	-93.4288
Green Forest Shop	112.98	36.332796	-93.421835
Heflin Plant and office	2.585	33.644493	-85.584239
Haltom City Distribution Ctr	380.382	32.8222	-97.2892
Haltom City Plant	4544.006	32.823	-97.287
Harwood Hatchery	782.841	29.5446	-97.4606
Hays Hatchery	1326.654	36.242	-81.108
Highstarr Farm	11.386	36.356492	-94.133196
Holcombe Farm	5.892	36.398703	-94.708704
Hope Feed Mill	4623.545	33.6799	-93.5951
Hope Growout	228.954	33.740232	-93.615622
Hope Hatchery	768.639	33.6653	-93.5627
Hope Plant	30538.359	33.738	-93.613
Hope Truck Shop	547.655	33.7397	-93.6172
Houston Portwall St Plant	2584.709	29.7824	-95.2799
Houston, TX Route Sales	0	29.785486	-95.27723
Humboldt Feed Mill	441.6	35.824694	-88.936882
Humboldt Grain	188.87	36.181651	-89.094729
Humboldt Hatchery	88.074	35.824035	-88.939579
Humboldt Plant	3075.037	35.819788	-88.909312
Hutchinson Plant (KPR)	3655.771	38.0449	-97.932
Independence Plant	8859.749	42.4712	-91.9036
Indianapolis Distribution Ctr	281.906	39.74999	-86.12024
Ireton, Iowa	0	42.993631	-95.687403
ITC Hatchery	1696.392	36.187812	-94.100817
Iva Lee Feed Mill	5984.148	34.0459	-86.1632
Jackson Wilm St. (Closed)	41.106	32.281056	-90.206898
Jacksonville Plant (Bruss)	304.964	30.344	-81.7401
Jasper, Indiana	3.87	38.365791	-85.090565
Jefferson Pepperoni Plant	0	43.000948	-87.190203
Jefferson Plant	112.852	42.990024	-88.814619
Johnson Road Mill	6329.331	36.1473	-94.1556
Johnson Road Print Shop	42.149	36.1491	-94.1565
Johnson Road Scalehouse	40.566	36.147238	-94.156852
Joslin Freezer	10.357	41.5542	-90.2246
Joslin Hides	3674.065	41.5542	-90.2246
Joslin Plant	42073.724	41.5542	-90.2246
Kansas City Plant	2759.157	39.0964	-94.6844
Kenton Grain	80.939	36.202433	-89.011248
Lancaster Wisconsin	3.754	42.835037	-89.249078
Laurel, Nebraska	3.465	42.4673	-96.915752
Lexington Hides	2613.266	40.76111	-99.73694
Lexington Plant	44343.818	40.7611	-99.7369
Linden, Indiana	2.887	40.182349	-85.120889
Litchfield, Minnesota	5.068	45.152358	-93.444396
Logansport Plant	161202.226	40.734	-86.39
Louisa County Plant	52103.88	41.2967	-91.3569
Lucas Nursery Farm	121.644	35.066768	-96.406015
Lyndon, Illinois	2.454	41.721833	-88.089225
Macon Distribution Center	987.984	32.731009	-83.727943
Joslin PBX	170.796	41.5542	-90.2246
Madison Plant	50297.819	41.8185	-97.4676
Magee Feed Mill (MLO)	2472.033	31.8555	-89.7152
Magee Hatchery (MLO)	636.665	31.8557	-89.7108
Manning, Iowa	2.481	41.906184	-94.942438
Mapleton, Minnesota	3.609	43.963772	-92.041725

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Marshall, Minnesota	3.609	44.470306	-94.21911
Mason OH Sales Office	3.254	39.30358	-84.307987
Mexican Original Portland Plnt	7590.449	40.4298	-85.0029
Mexican Original Sanford Plant	6905.508	35.4566	-79.1531
Milliken Warehouse	93.71	43.707181	-70.304313
Monett Growout	119.642	36.919222	-93.909625
Monett Hatchery #1	690.443	36.918682	-93.900635
Monett Live Haul	471.119	36.91839	-93.913592
Monett Plant	10053.471	36.9183	-93.9135
Monroe Breeders	0	34.982535	-80.495597
Monroe Feed Mill	4510.463	34.9822	-80.4926
Monroe Growout	290.838	34.982535	-80.495597
Monroe Hatchery	671.288	34.9824	-80.4993
Monroe Plant	10758.153	34.9811	-80.494
Monroe Service Center	107.94	34.9895	-80.4839
Morrilton Hatchery	167.119	35.0935	-92.4597
Mt. Ayr, Iowa	0	40.702617	-94.27838
Mt. Blanchard, Ohio	2.743	40.90146	-82.437739
Mt. Joy Hatchery	628.579	40.1317	-76.5555
Murfreesboro Hatchery	800.115	34.064608	-93.687263
Muscatine Blend Mill	25.434	33.226378	-91.117659
N. Little Rock Plant	5186.078	34.7581	-92.225
N. Manchester, Indiana	1.588	41.001279	-85.824497
Nacogdoches Feed Mill	5754.758	31.577	-94.649
Nashville Feed Mill	1486.664	33.9225	-93.8739
Nashville Growout	119.065	33.939056	-93.846906
Nashville Plant	14554.026	33.9272	-93.8462
Nashville Shop	95.674	33.926913	-93.860688
Neshoba Feed Mill (MLO)	5794.322	32.5898	-89.1281
Neshoba Truck Shop (MLO)	54.681	32.589902	-89.132002
New Holland F/P Plant	5729.481	40.0947	-76.0875
New Holland Growout	323.309	40.097478	-76.085415
New Holland Live Haul	940.656	40.097478	-76.085415
New Holland Plant	17136.498	40.0947	-76.0875
New Holland, PA LH Garage	0.073	40.09394	-76.085439
New London Plant	18315.229	44.3682	-88.75759
Neshoba Growout	38.918	32.590117	-89.131952
Newbern Plant	6830.049	36.09987	-89.11963
Newton Hatchery (MLO)	907.174	32.3614	-89.1364
Noel Growout	358.183	36.553589	-94.490438
Noel Plant	12499.002	36.5536	-94.4906
Noel Service Center	480.992	36.55	-94.49
North Richland Hills Plant	12665.911	32.8523	-97.2448
North Richland Hills R&D	45.672	32.852873	-97.246453
Obion County Feed Mill	5674.691	36.4859	-88.8994
Obion County Growout	234.928	36.426843	-89.003988
Obion County Hatchery	2015.691	36.4261	-89.0075
Obion County Plant	55186.001	36.4219	-89.0069
Obion Live Haul	1474.657	36.426843	-89.003988
New Holland, PA Terminal	19.459	40.0947	-76.0875
Oglethorpe Feed Mill	5778.063	32.3329	-84.1126
Oglethorpe Growout	461.92	32.331992	-84.108644
Oglethorpe Hatchery	668.649	32.2882	-84.0928
Oglethorpe Live Haul	2260.536	32.331992	-84.108644
Oglethorpe Service Center	38.371	32.3325	-84.1066
OK Pork	609.389	35.082049	-96.421608
OK Pork Feed Mill	1997.954	35.082	-96.422
Olathe Distribution Center	414.593	38.8379	-94.8224
Omaha Plant	15930.42	41.2026	-96.1164
NWA Pork	971.007	36.0534	-94.191517
Oskaloosa, Iowa	0	41.378708	-91.183589
Ottawa Fwd WH	303.25	41.3778	-88.8242
Ottawa, Illinois	0	41.441525	-88.799144
Oxford Office	2.659	33.60773	-85.839788
Pasco Hides	15.781	46.1372	-118.9118
Pasco Plant	119069.952	46.1372	-118.9118
Perkins Farm	525.979	35.290019	-96.48356
Perry Plant	29886.12	41.8419	-94.1261
Philadelphia Cooked	2640.602	40.012049	-75.131096
Philadelphia Raw	832.356	40.011713	-75.117139
Pickensville Blend Mill	79.206	36.815265	-88.278211

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
Pine Bluff Blend Mill	2.186	34.2548	-91.9438
Pine Bluff Feed Mill	5585.024	34.264	-91.9389
Pine Bluff Growout	203.217	33.960071	-91.842362
Pine Bluff Jeff Pkwy Plant	32114.77	34.2639	-92.0753
Pine Bluff Live Haul	1688.964	34.230227	-92.047436
Pine Bluff Service Center	82.032	34.2298	-92.0465
Pine Enid Plant	165.929	36.401666	-97.875908
Portland Plant	3567.488	43.645466	-70.27841
Pottsville Distribution Center	477.725	40.7381	-76.3001
Pottsville Feed Mill	2936.276	35.2585	-93.0648
POTTSVILLE LGH T-SHOP	29.825	40.738048	-75.700025
Prinsburg, Minnesota	0	44.934112	-94.791567
Rancho Cucamonga 6th Street	0	34.0838	-117.588
Randall Road Hatchery	4.817	36.200748	-94.132266
Randall Road Plant	3593.493	36.2023	-94.1334
Ravenwood, Missouri	0	40.344271	-93.320112
RDC	324.637	35.277587	-93.124433
Richmond Breeder	0	37.268577	-78.128683
Richmond Feed Mill	2178.553	37.2651	-78.1355
Richmond Growout	332.509	37.268577	-78.128683
Richmond Hatchery	191.067	37.2733	-78.1326
River Valley Hatchery	676.784	35.2661	-93.1023
River Valley Propane	120.815	35.217174	-93.161283
Roaring River Feed Mill	7314.092	36.2163	-80.9952
Roaring River Service Center	85.962	36.123	-80.003
Robards Feed Mill	923.561	37.6298	-87.5269
Robards Growout	253.805	37.644638	-87.523985
Robards Hatchery	1341.119	37.621755	-87.464328
Robards Plant	58254.542	37.6552	-87.517
Rochelle Distribution Center	937.594	41.908259	-89.040064
Rock Rapids, Iowa	0	43.413852	-95.824123
Rome Plant	2319.034	34.22157	-85.18312
Rossville, Indiana	0	40.448868	-86.623148
Rushville, Indiana	0	39.612999	-84.596278
Russellville Research Farm	26.884	35.243204	-92.975528
Russellville, AR LH Garage	1837.802	35.031712	-83.73314
RVAF-Clarksville	23275.115	35.4472	-93.4575
RVAF-Forest	75096.874	32.364	-89.5385
RVAF-Harmony	40861.742	37.572	-80.433
RVAF-Robards	940.837	37.6552	-87.517
RVAF-Scranton	109039.959	35.3825	-93.5722
RVAF-Scranton Truck Shop	38.932	35.3753	-93.5615
RVAF-Sedalia	0.891	38.754	-93.318
RVAF-Temperanceville	19356.101	37.8845	-75.5541
RVAF-Texarkana	40396.229	33.53	-93.8
RVI - Alma	6388.003	31.515786	-82.462059
RVI - Cumming	70198.794	34.282	-84.056042
RVI - Cuthbert	94791.462	31.774249	-84.734076
RVI - Hanceville	117072.354	36.203636	-86.810129
RVI -Seguin	2475.043	29.5801	-97.9828
San Lorenzo Plant	3087.103	37.66887	-122.150467
Sand Mountain Hatchery	927.987	34.233	-86.164
Sedalia Feed Mill	5674.041	38.751	-93.3459
Sedalia Growout	302.158	38.667617	-93.153539
Sedalia Hatchery	1516.634	38.7485	-93.3187
Sedalia Plant	97636.225	38.7503	-93.3234
Sedalia Truck Shop	64.118	38.75	-92.675
Seguin Growout	234.149	29.52705	-97.452166
Seguin Plant	6335.832	29.5801	-97.9828
Seguin Service Center	151.504	29.5801	-97.9828
Seguin, TX Route Sales	0	29.579947	-97.982844
Shelbyville Feed Mill	5073.455	35.2749	-86.1267
Shelbyville Growout	292.81	35.480092	-86.452039
Shelbyville Hatchery	1505.437	35.2888	-85.9167
Shelbyville Plant	13320.286	35.4807	-86.476
Sheldon, Iowa	2.454	43.187404	-94.143875
Sherman Case Rdy Plant	8695.497	33.5805	-96.6043
Sioux City Freezer	5.056	42.439957	-96.373404
Sleepy Eye, Minnesota	3.609	44.340767	-93.275161
Snead Complex Office	0	34.116266	-86.393498
Snead Growout	345.688	34.149926	-86.82799

Facility	Scope 1 emissions (metric tons CO2e)	Latitude	Longitude
South Hutchinson Plant	28077.074	38.0291	-97.943
Spadra Feed Mill	5853.462	35.4263	-93.5026
Springdale Growout	364.453	36.185313	-94.125552
Springdale Live Haul	2423.823	36.183307	-94.127863
Springdale, AR LH Garage	45747.786	36.2004	-94.1339
St Joseph Plant	13435.834	39.75569	-94.762
Star City Hatchery	525.477	33.951	-91.8366
Stilwell Hatchery (Noel)	1196.174	35.8295	-94.6258
Storm Lake Plant	51415.68	42.6408	-95.1884
Storm Lake Turkey Farms	1882.151	42.642877	-95.197517
Storm Lake Turkey FM	32936.72	42.6428	-95.1966
Storm Lake Turkey Plant	18104.018	42.6397	-95.1839
Tarboro Plant	0	35.8748	-77.5593
TDC	585.247	36.317487	-94.122731
Tecumseh Broilers	1323.175	40.421001	-96.210916
Tecumseh Peterson Farm	3607.93	40.406329	-96.15879
Tecumseh Plant	4664.744	31.896727	-94.409023
Temperanceville - Live Haul	1308.021	37.886046	-75.55623
Temperanceville Feed mill (Snow Hill)	6362.155	38.1767	-75.3846
Temperanceville Growout	349.003	37.886046	-75.55623
Temperanceville Hatchery	1073.661	37.8845	-75.5541
Temperanceville Plant	17562.674	37.8845	-75.5541
Temperanceville Service Center	161.544	37.8845	-75.5541
Tenaha Feed Mill	1520.185	31.936747	-94.239951
Tenaha Live Haul	1232.63	31.9371	-94.2394
Tenaha Truck Shop	64.907	31.9371	-94.2394
Tolleson Distribution Center	511.953	33.438	-112.2883
Traverse City Plant	0	44.73587	-85.62336
Truman, Minnesota	2.368	43.809632	-93.571117
TVDC	69.4	35.265471	-93.069404
Tyler Road Plant	16342.414	35.2692	-93.0863
Tyson of Rogers Plant	1699.819	36.3319	-94.1147
Tyson UB Building	0.127	36.16065	-94.144669
Van Buren Plant	1322.514	35.425	-94.3298
Vernon Plant	12484.22	34.1633	-99.2929
Versailles, Ohio	0	40.223748	-83.417556
Vicksburg Plant	10013.21	32.3622	-90.6585
Vienna Plant	7997.73	32.0961	-83.7691
Waldron Growout	199.277	34.904298	-94.102613
Vineland Plant	3162.33	39.526134	-75.052747
Waldron Feed Mill	3570.062	34.9024	-94.1005
Waldron Hatchery	775.087	34.9024	-94.1005
Waldron Live Haul	1236.626	34.904298	-94.102613
Waldron Plant	16145.264	34.9024	-94.1005
Waldron Truck Shop	90.696	34.9024	-94.1005
Walnut Grove Hatchery (MLO)	654.866	32.5999	-89.464
Warren Michigan Plant	2306.16	42.4779	-83.076
Warsaw/Clunnette, Indiana	3.186	41.319343	-85.934588
Waterloo Plant	348.921	42.5086	-92.2614
Waterloo Pork Plant	67172.63	42.5086	-92.2614
Waverly Plant	1109.291	40.902507	-96.542031
Westville Feed Mill (Noel)	5960.311	36.0396	-94.5781
Waverly Farm	1.665	40.902611	-96.543361
Wilkesboro Engineering	106.155	36.140024	-81.188313
Wilkesboro Food Service Plant	13721.338	36.1411	-81.1611
Wilkesboro Fresh Plant	32450.035	36.1411	-81.1611
Wilkesboro Fresh Plant II	2543.219	36.1411	-81.1611
Wilkesboro Live Haul	4469.34	36.14243	-81.161714
Wilkesboro Service Center	1666.57	36.093	-81.094
Willow Hill, Illinois	2.655	39.010336	-88.028506
Willow Philly Enid Plant	595.32	36.419446	-97.807865
Wilkesboro Growout	597.869	36.16101	-81.118108
Zeeland Plant	37904.727	42.9186	-86.0248

C-AC7.4/C-FB7.4/C-PF7.4

(C-AC7.4/C-FB7.4/C-PF7.4) Do you include emissions pertaining to your business activity(ies) in your direct operations as part of your global gross Scope 1 figure?

Partially

C-AC7.4a/C-FB7.4a/C-PF7.4a

(C-AC7.4a/C-FB7.4a/C-PF7.4a) Select the form(s) in which you are reporting your agricultural/forestry emissions.

Total emissions

C-AC7.4b/C-FB7.4b/C-PF7.4b

(C-AC7.4b/C-FB7.4b/C-PF7.4b) Report the Scope 1 emissions pertaining to your business activity(ies) and explain any exclusions. If applicable, disaggregate your agricultural/forestry by GHG emissions category.

Activity

Agriculture/Forestry

Emissions category

<Not Applicable>

Emissions (metric tons CO2e)

Methodology

Default emissions factor

Please explain

All of the emissions except for de minimis emissions fall under process/manufacturing.

Activity

Processing/Manufacturing

Emissions category

<Not Applicable>

Emissions (metric tons CO2e)

3771078.72

Methodology

Default emissions factor

Please explain

All of the emissions except for de minimis emissions fall under process/manufacturing.

Activity

Distribution

Emissions category

<Not Applicable>

Emissions (metric tons CO2e)

55207.15

Methodology

Default emissions factor

Please explain

All of the emissions except for de minimis emissions fall under process/manufacturing.

C7.5

(C7.5) Break down your total gross global Scope 2 emissions by country/region.

Country/Region	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
United States of America	1956287.43	

C7.6

(C7.6) Indicate which gross global Scope 2 emissions breakdowns you are able to provide.

By business division

By facility

C7.6a

(C7.6a) Break down your total gross global Scope 2 emissions by business division.

Business division	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Prepared	346416.39	
Fresh meats	537558.07	
Poultry	875741.45	
McDonalds	130939.6	
Corporate	17850.62	
Operations Services	3.41	
Warehouse and Distribution	44997.31	
Local Grain Services	2780.56	

C7.6b

(C7.6b) Break down your total gross global Scope 2 emissions by business facility.

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
54th St Enid Plant	8959.302	
Albany Plant	14160.648	
Albertville Complex Adm.	29.81	
Albertville Feed Mill	862.663	
Albertville Hatchery	531.776	
Albertville Plant	9523.632	
Albertville Truck Shop	15.127	
Aliceville Blend Mill	26.234	
Amarillo Farm	204.167	
Amarillo Plant	55116.384	
Amherst Plant	2036.281	
Anderson Nursery Farm	25.912	
Armour, South Dakota	2.013	
Aurora Feed Mill	1927.959	
Aviation	76.186	
Bancroft, IA	3.02	
Baxter Nursery Farm	200.691	
Bergman Feed Mill	1926.416	
Berry Street Plant	16955	
Berryville Growout	25.544	
Berryville Plant	21737.865	
Black Farm	315.334	
Blountsville Plant	15783.935	
Bluffton, Indiana	4.269	
Bolivar Feed Mill	2451.889	
Broken Bow Hatchery	1594.912	
Broken Bow Plant	18129.592	
Burlington, Michigan	6.838	
Clarksville Growout	0.611	
Camilla Breeders	144.75	
Camilla Broilers	101.514	
Camilla CS Grain	141.575	
Camilla Feedmill	3198.062	
Camilla Hatchery	1619.774	
Camilla Plant	28219.314	
Carthage Growout	0.25	
Carthage Plant	7302.493	
Carthage Plant (Choctaw)	20741.722	
Caseyville Plant	3005.757	
Center Feed Mill	56.539	
Center Hatchery	3705.22	
Center Hatchery (Carthage)	996.222	
Center Processing Plant	20790.681	
Chicago Corp Office	996.222	
Chicago Plant (Bruss)	1584.198	
Chicago Serv Ctr	2.892	
Chick-N-Quick Plant	25681.007	
Cincinnati Plant	12829.619	
Claremont Plant	3008.994	

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Clarksville Hatchery #1	921.656	
Clarksville Plant	17290.923	
Clarksville Truck shop/Service Center	47.222	
Claryville Plant	11205.926	
Clyde Farm	0.296	
Coleman, South Dakota	6.265	
Columbia Plant	951.832	
Concordia Blendmill	11.123	
Concordia Plant	6914.616	
Conroy, Iowa	3.356	
Corporate	11147.901	
Corporate 412 West	304.749	
Corporate Lab - Springdale	582.325	
Corunna, Indiana	8.313	
Corydon Feed Mill	821.933	
Corydon Hatchery	1157.59	
Corydon Plant	8154.168	
Council Bluffs Case Rdy Plant	13081.075	
Council Bluffs Prepared	15966.626	
County Line Farm	148.595	
Craig Feed Mill	3338.064	
Creighton, NE	3.58	
Corydon Growout	2.237	
Cullman Blend Mill	303.25	
Cullman Truck Shop	35.635	
Cumming Blend Mill	1.662	
Cumming Plant	20453.11	
Cumming Truck Shop	32.337	
Cuthbert Blend Mill	108.939	
Dahlonaga Hatchery	945.584	
Dakota City Plant	77723.758	
Dakota Dunes Corp	1956.06	
Dallas Plant	7642.348	
Dardanelle Growout	0.634	
Dardanelle Plant	14450.653	
Dawson Plant	29.135	
Dawsonville Blend Mill	58.185	
Delaware AI Farm	39.088	
DeMotte, Indiana	4.943	
Denison Plant	1327.186	
Dexter Feed Mill	1915.069	
Dexter Growout	116.91	
Dexter Hatchery	1373.914	
Dexter Plant	11865.005	
Dexter Truck Shop	16.242	
Dakota City Staff	0.001	
Downers Grove Office	1525.437	
Dustin Nursery Farm	207.272	
Dyer Grain	278.317	
Earth City Leased Office	1602.391	
Easley Plant	44.976	
Elizabeth City Grain	80.437	
Emporia Plant	15911.451	
Enhanced Colony Farm	126.553	
Enterprise Enid Plant	26128.22	
Essex Grain	2061.141	
Eufaula Feedmill	2155.182	
Eufaula Fresh Plant	22327.525	
Eufaula Hatchery	1977.231	
Fairplains Hatchery	179.12	
Farmersburg, Iowa	3.356	
Earth City Leased Office	341.156	
Fayetteville Complex	13812.208	
Fayetteville Office (MLK Blvd)	362.11	
Finnery County Plant	53689.518	
Enid Distribution Center	139.204	
Ford Avenue Plant	156.686	
Forest Growout (MLO)	87.496	
Forest, MS Complex	11585.49	
Eufaula Farm	128.807	
Fort Smith Leased Plant	1536.347	

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Fort Smith Leased Warehouse	15.334	
Fort Smith Office - Lease Property	38.895	
Fort Smith Plant	1600.511	
Fort Worth Distribution Center	1177.173	
Franklin Feedmill	4215.488	
Franklin Hatchery	1400.985	
Freeman, South Dakota	4.251	
Gadsden Plant	16126.341	
Gainesville Blend Mill	408.662	
Garner, Iowa	3.356	
Gas Company (Springdale)	1.461	
Geneva, Minnesota	17.005	
George Research/Training Farm	130.27	
Glen Allen Plant	8685.234	
Gonzales Feed Mill	1419.203	
Goodfield, Illinois	15.559	
Goodlettsville Case Rdy Plant	16166.892	
Grannis Plant	2862.988	
Grannis/Broken Bow Growout	307.804	
Green Forest Hatchery	1313.579	
Green Forest Par-Fry Plant	13717.517	
Green Forest Plant	16212.943	
Green Forest Shop	39.869	
Fort Worth South Dist Center	1476.225	
Haltom City Distribution Ctr	2353.791	
Haltom City Plant	15011.647	
Hamilton, Michigan	4.734	
Harwood Hatchery	1415.732	
Hays Hatchery	874.586	
Heflin Plant and office	40.439	
Highstarr Farm	1.8	
Hope Feed Mill	2388.26	
Hope Growout	6.507	
Hope Hatchery	1786.27	
Hope Plant	17834.721	
Hope Truck Shop	57.566	
Houston Portwall St Plant	8097.476	
Humboldt Feed Mill	512.595	
Humboldt Grain	331.398	
Humboldt Plant	15907.592	
Hutchinson Plant (KPR)	4698.428	
Independence Plant	4082.523	
Holcombe Farm	6.665	
ITC Hatchery	2388.26	
Iva Lee Feed Mill	2540.136	
Jackson Wilm St. (Closed)	72.46	
Jacksonville Plant (Bruss)	2328.006	
Jasper, Indiana	4.493	
Jefferson Plant	587.485	
Johnson Rd Grow Out	50.384	
Johnson Road Mill	2701.865	
Johnson Road Print Shop	109.472	
Johnson Road Scalehouse	119.234	
Joslin Plant	37243.913	
Kansas City Plant	10341.297	
Kansas City Tynet	10.042	
Kenton Grain	360.667	
Lancaster Wisconsin	5.573	
Laurel, Nebraska	4.922	
Lexington Plant	39708.667	
Linden, Indiana	9.886	
Litchfield, Minnesota	8.95	
Logansport Plant	29034.061	
Louisa County Plant	19245.861	
Lucas Nursery Farm	302.66	
Lyndon, Illinois	9.886	
Macon Distribution Center	4731.376	
Madison Ham Plant	29855.891	
Magee Feed Mill (MLO)	1400.873	
Magee Hatchery (MLO)	1002.754	

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Indianapolis Distribution Ctr	89.263	
Mapleton, Minnesota	3.11	
Marshall, Minnesota	2.125	
Mason OH Sales Office	62.735	
Mexican Original Portland Plnt	7943.821	
Mexican Original Sanford Plant	4627.701	
Monett Hatchery #1	2730.13	
Monett Plant	12183.241	
Monroe Feed Mill	1918.757	
Monroe Hatchery	1115.686	
Monroe Plant	11279.738	
Monroe Service Center	32.154	
Morrilton Hatchery	532.555	
Mt. Ayr, Iowa	0	
Mt. Blanchard, Ohio	2.134	
Mt. Joy Hatchery	572.577	
Murfreesboro Hatchery	719.042	
Muscatine Blend Mill	155.601	
N. Little Rock Plant	3636.71	
N. Manchester, Indiana	5.617	
Nacogdoches Feed Mill	11.705	
Nashville Feed Mill	144.858	
Nashville Growout	0.69	
Nashville Plant	17077.374	
Nashville Shop	12.651	
Neshoba Feed Mill (MLO)	3067.313	
Neshoba Growout	14.115	
New Holland F/P Plant	6364.875	
New Holland Growout	20.547	
New Holland Plant	8595.147	
New London Plant	18057.317	
Newbern Plant	11968.489	
Newton Hatchery (MLO)	1740.292	
Noel Growout	3.337	
Noel Plant	28986.08	
Noel Service Center	213.457	
Norfolk (Warehouse 3 South of Town)	4.238	
North Richland Hills Plant	14864.773	
Obion County Feed Mill	2324.499	
Obion County Plant	34765.877	
Oglethorpe Farm	335.197	
Oglethorpe Feed Mill	2325.27	
Oglethorpe Hatchery	1505.304	
Oglethorpe Service Center	26.221	
OK Pork	180.657	
OK Pork Feed Mill	488.384	
Olathe Distribution Center	9884.023	
Omaha Plant	18088.138	
Omaha Freezer	3192.024	
Oskaloosa, Iowa	0	
Ottawa Fwd WH	1819.232	
Ottawa, Illinois	0	
Oxford Office	23.596	
Pasco Plant	13491.209	
Pearl, MS Lab	43.333	
Perkins Farm	80.136	
Perry Plant	28045.066	
Philadelphia Cooked	1957.35	
Philadelphia Raw	2209.498	
Pickensville Blend Mill	330.41	
Pine Bluff Blend Mill	243.425	
Pine Bluff Feed Mill	2386.267	
Pine Bluff Growout	14.35	
Pine Bluff Jeff Pkwy Plant	25775.821	
Pine Bluff Live Haul	35.905	
Pine Enid Plant	725.614	
Pottsville Distribution Center	2994.502	
Pottsville Feed Mill	1446.865	
POTTSVILLE LGH T-SHOP	100.074	
Prinsburg, Minnesota	0	
Rancho Cucamonga 6th Street	0	

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Randall Road Hatchery	924.518	
Randall Road Plant	6194.837	
RDC	0	
Richmond Feed Mill	701.317	
Richmond Hatchery	548.515	
River Valley Hatchery	1175.304	
River Valley Propane	19.498	
Roaring River Feed Mill	2338.006	
Roaring River Service Center	1621.43	
Robards Feed Mill	2424.062	
Robards Hatchery	1394.242	
Robards Plant	31446.625	
Rochelle Distribution Center	4687.975	
Rossville, Indiana	23.834	
Rome Plant	1995.688	
San Lorenzo Plant	2023.569	
Russellville Research Farm	40.42	
RVAF-Clarksville	2515.737	
RVAF-Forest	12053.083	
RVAF-Harmony	4537.63	
RVAF-Scranton	18138.991	
RVAF-Scranton Truck Shop	137.099	
RVAF-Temperanceville	1855.306	
RVAF-Texarkana	9279.267	
RVI - Alma	1270.033	
RVI - Cumming	14317.157	
RVI - Cuthbert	16877.029	
RVI - Hanceville	19775.604	
Sand Mountain Hatchery	1528.879	
Sedalia Hatchery	0.111	
Sedalia Plant	76589.525	
Sedalia Truck Shop	139.635	
Seguin Plant	6985.951	
Seguin Service Center	9.113	
Shelbyville Feed Mill	2561.811	
Shelbyville Growout	6.313	
Shelbyville Hatchery	1549.049	
Shelbyville Plant	14649.962	
Sheldon, Iowa	3.02	
Sherman Case Rdy Plant	15009.138	
Sioux City Freezer	5051.904	
Sleepy Eye, Minnesota	3.311	
Snead Growout	18.915	
Spadra Feed Mill	2308.45	
Springdale Live Haul	113.843	
Springdale, AR Terminal	3.414	
St Joseph Plant	17849.761	
Star City Hatchery	1159.579	
Stilwell Hatchery (Noel)	1646.429	
Storm Lake Plant	38878.93	
Storm Lake Turkey Farms	536.495	
Storm Lake Turkey FM	1460.286	
Storm Lake Turkey Plant	12340.042	
Tecumseh Peterson Farm	289.751	
Tecumseh Plant	4389.604	
Temperanceville Feed mill (Snow Hill)	1578.143	
Temperanceville Hatchery	554.526	
Temperanceville Plant	13914.069	
Temperanceville Service Center	120.43	
Tenaha Truck Shop	37.579	
Tolleson Distribution Center	1313.211	
Sedalia Growout	133.633	
Truman, Minnesota	4.24	
TVDC	3051.904	
Tyler Road Plant	10877.107	
Tyson of Rogers Plant	3108.657	
Tyson UB Building	247.812	
Van Buren Plant	5213.282	
Vernon Plant	9507.952	
South Hutchinson Plant	20798.374	
Vicksburg Plant	11442.075	

Facility	Scope 2, location-based (metric tons CO2e)	Scope 2, market-based (metric tons CO2e)
Vienna Plant	18387.648	
Tecumseh Broilers	620.339	
Waldron Feed Mill	1211.926	
Waldron Hatchery	934.701	
Waldron Plant	10391.87	
Walnut Grove Hatchery (MLO)	1369.211	
Warren Michigan Plant	2800.827	
Warsaw/Clunnette, Indiana	3.28	
Washington DC Office	33.265	
Waterloo Pork Plant	45990.007	
Waverly Plant	1845.417	
Westville Feed Mill (Noel)	2400.794	
Wilkesboro Engineering	489.112	
Wilkesboro Food Service Plant	81.513	
Wilkesboro Fresh Plant	23753.929	
Wilkesboro Fresh Plant II	2.64	
Wilkesboro Service Center	66.643	
Willow Hill, Illinois	7.272	
Waldron Growout	101.617	
Zeeland Plant	41783.4	
Waldron Truck Shop	22.214	

C7.9

(C7.9) How do your gross global emissions (Scope 1 and 2 combined) for the reporting year compare to those of the previous reporting year?

Decreased

C7.9a

(C7.9a) Identify the reasons for any change in your gross global emissions (Scope 1 and 2 combined), and for each of them specify how your emissions compare to the previous year.

	Change in emissions (metric tons CO2e)	Direction of change	Emissions value (percentage)	Please explain calculation
Change in renewable energy consumption	24.653	Decreased	0.4	There was a reduction in renewable biogas GHG emissions 24,168 mtons due to the use of biogas generated by the company's WWTP anaerobic lagoons. The renewable gas usage increased by 7.03%. Tyson increased the use of solar power utilization by 31.85%. Through these two activities we reduced the overall Scope 1 and 2 emissions by 24,653 mtons CO2e. The total S1 and S2 emissions in the FY2020 was 6,092,182.84 tons CO2e, therefore we arrived at 1.26% through $(-24653/6092182.84) * 100 = -0.4\%$ (i.e. an 0.4% decrease in emissions due to an increase in renewable energy).
Other emissions reduction activities	128.46	Decreased	0.0021	The total Scope 1 and 2 emissions reduced from closed locations is 128.46 mtons COe2. The total S1 and S2 emissions in the FY2020 was 6,092,182.84 tons CO2e, therefore we arrived at 1.26% through $(-128.46/6092182.84) * 100 = -0.0021\%$ (i.e. an 0.0021% decrease in emissions due to an increase in renewable energy).
Divestment	0	No change	0	Not applicable
Acquisitions	3858	Increased	0.0633	Tyson opened a new production facility in Utah and a new Warehouse in Texas. The total Scope 1 and 2 emissions in FY2021 for this new production location is 2354.77 mtons COe2 and the new warehouse is 1502.98 mtons COe2. This is an increase in emissions from FY2020 by 0.0633%; $(3858/6092182.84) * 100 = 0.0633\%$.
Mergers	0	No change	0	Not applicable.
Change in output	0	No change	0	Not applicable.
Change in methodology	0	No change	0	Not applicable.
Change in boundary	0	No change	0	Not applicable.
Change in physical operating conditions	0	No change	0	Not applicable.
Unidentified	0	No change	0	Not applicable.
Other	0	No change	0	Not applicable.

C7.9b

(C7.9b) Are your emissions performance calculations in C7.9 and C7.9a based on a location-based Scope 2 emissions figure or a market-based Scope 2 emissions figure?

Location-based

C8. Energy

C8.1

(C8.1) What percentage of your total operational spend in the reporting year was on energy?
More than 0% but less than or equal to 5%

C8.2

(C8.2) Select which energy-related activities your organization has undertaken.

	Indicate whether your organization undertook this energy-related activity in the reporting year
Consumption of fuel (excluding feedstocks)	Yes
Consumption of purchased or acquired electricity	Yes
Consumption of purchased or acquired heat	No
Consumption of purchased or acquired steam	No
Consumption of purchased or acquired cooling	No
Generation of electricity, heat, steam, or cooling	Yes

C8.2a

(C8.2a) Report your organization's energy consumption totals (excluding feedstocks) in MWh.

	Heating value	MWh from renewable sources	MWh from non-renewable sources	Total (renewable and non-renewable) MWh
Consumption of fuel (excluding feedstock)	HHV (higher heating value)	133760.81	12790865.9	12924626.71
Consumption of purchased or acquired electricity	<Not Applicable>	0	4824468.13	4824468.13
Consumption of purchased or acquired heat	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired steam	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of purchased or acquired cooling	<Not Applicable>	<Not Applicable>	<Not Applicable>	<Not Applicable>
Consumption of self-generated non-fuel renewable energy	<Not Applicable>	760.67	<Not Applicable>	760367
Total energy consumption	<Not Applicable>	134521.48	17615334.03	17749855.51

C8.2b

(C8.2b) Select the applications of your organization's consumption of fuel.

	Indicate whether your organization undertakes this fuel application
Consumption of fuel for the generation of electricity	No
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No

C8.2c

(C8.2c) State how much fuel in MWh your organization has consumed (excluding feedstocks) by fuel type.

Sustainable biomass

Heating value

HHV

Total fuel MWh consumed by the organization

129682.19

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Other biomass

Heating value

HHV

Total fuel MWh consumed by the organization

4078.67

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Other renewable fuels (e.g. renewable hydrogen)

Heating value

HHV

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Coal

Heating value
HHV

Total fuel MWh consumed by the organization
0

MWh fuel consumed for self-generation of electricity
<Not Applicable>

MWh fuel consumed for self-generation of heat
<Not Applicable>

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

Oil

Heating value
HHV

Total fuel MWh consumed by the organization
2560964.18

MWh fuel consumed for self-generation of electricity
<Not Applicable>

MWh fuel consumed for self-generation of heat
<Not Applicable>

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

Gas

Heating value
HHV

Total fuel MWh consumed by the organization
10229901.72

MWh fuel consumed for self-generation of electricity
<Not Applicable>

MWh fuel consumed for self-generation of heat
<Not Applicable>

MWh fuel consumed for self-generation of steam
<Not Applicable>

MWh fuel consumed for self-generation of cooling
<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration
<Not Applicable>

Comment

Other non-renewable fuels (e.g. non-renewable hydrogen)

Heating value

HHV

Total fuel MWh consumed by the organization

0

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

Total fuel

Heating value

HHV

Total fuel MWh consumed by the organization

12924626.76

MWh fuel consumed for self-generation of electricity

<Not Applicable>

MWh fuel consumed for self-generation of heat

<Not Applicable>

MWh fuel consumed for self-generation of steam

<Not Applicable>

MWh fuel consumed for self-generation of cooling

<Not Applicable>

MWh fuel consumed for self- cogeneration or self-trigeneration

<Not Applicable>

Comment

C8.2d

(C8.2d) Provide details on the electricity, heat, steam, and cooling your organization has generated and consumed in the reporting year.

	Total Gross generation (MWh)	Generation that is consumed by the organization (MWh)	Gross generation from renewable sources (MWh)	Generation from renewable sources that is consumed by the organization (MWh)
Electricity	4824468	4824468	760.67	760.67
Heat	12911904	12911904	133761	133761
Steam	0	0	0	0
Cooling	0	0	0	0

C8.2g

(C8.2g) Provide a breakdown of your non-fuel energy consumption by country.

Country/area

United States of America

Consumption of electricity (MWh)

761

Consumption of heat, steam, and cooling (MWh)

0

Total non-fuel energy consumption (MWh) [Auto-calculated]

761

Is this consumption excluded from your RE100 commitment?

<Not Applicable>

C9. Additional metrics

C9.1

(C9.1) Provide any additional climate-related metrics relevant to your business.

C10. Verification

C10.1

(C10.1) Indicate the verification/assurance status that applies to your reported emissions.

	Verification/assurance status
Scope 1	No third-party verification or assurance
Scope 2 (location-based or market-based)	No third-party verification or assurance
Scope 3	No emissions data provided

C10.2

(C10.2) Do you verify any climate-related information reported in your CDP disclosure other than the emissions figures reported in C6.1, C6.3, and C6.5?

No, we do not verify any other climate-related information reported in our CDP disclosure

C11. Carbon pricing

C11.1

(C11.1) Are any of your operations or activities regulated by a carbon pricing system (i.e. ETS, Cap & Trade or Carbon Tax)?

No, and we do not anticipate being regulated in the next three years

C11.2

(C11.2) Has your organization originated or purchased any project-based carbon credits within the reporting period?

No

C11.3

(C11.3) Does your organization use an internal price on carbon?

No, and we do not currently anticipate doing so in the next two years

C12. Engagement

C12.1

(C12.1) Do you engage with your value chain on climate-related issues?

Yes, other partners in the value chain

C12.1d

(C12.1d) Give details of your climate-related engagement strategy with other partners in the value chain.

As the largest GHG-emitting protein type in the agriculture sector and a significant contributor to our carbon footprint, beef is a key emission source in our value chain that we're working with beef producers, non-profits and research organizations to address. Tyson was the first U.S. food company to verify sustainable cattle production practices at scale, and, at the end of 2021, we began developing a beef-focused GHG emissions accounting framework to capture cradle-to-gate emissions. Key strategic partners in this work are The Nature Conservancy and Environmental Defense Fund. We aspire to expand our current target to verify sustainable beef production practices on more than 5 million acres of U.S. cattle-grazing land by 2025. To begin to achieve the target, we are sourcing cattle from ranchers verified by BeefCARE™, an independent third-party auditor to verify that farmers and ranchers are using best practices in caring for animals, the environment and the people and communities who support them.

Another key area of our value chain is row crops, which feed Tyson-owned chickens and support our suppliers' cattle and hogs. We work with U.S. corn growers to implement climate-smart row crop practices that reduce GHG emissions, enhance the natural carbon sink of agricultural soils, improve soil health and reduce overall costs. Three years ago, we announced a goal to support climate-smart practices on 2 million acres of row crop by 2025—the largest land stewardship commitment ever made by a U.S. protein company. As our land stewardship work faced significant challenges tactically and economically, in 2021 we began developing a plan to work directly with row crop farmers in the grain supply to work toward our 2-million-acre goal by 2025, with efforts to purchase 100% of our feed from growers engaged in climate-smart practices by 2030. Over the last several years, we've worked with various partners, including Farmers Business Network and Environmental Defense Fund to execute pilot projects—including on almost 370,000 acres of farmland in 2021—relying on their expertise and thoughtful approach as we've navigated opportunities and challenges to advance our land stewardship goals. We are evaluating and using the learnings from these pilot initiatives to help inform our path forward as we look to have a continued collaborative approach in land stewardship across the supply chain.

C12.2

(C12.2) Do your suppliers have to meet climate-related requirements as part of your organization's purchasing process?

No, and we do not plan to introduce climate-related requirements within the next two years

C12.3

(C12.3) Does your organization engage in activities that could either directly or indirectly influence policy, law, or regulation that may impact the climate?

Row 1

Direct or indirect engagement that could influence policy, law, or regulation that may impact the climate

Does your organization have a public commitment or position statement to conduct your engagement activities in line with the goals of the Paris Agreement?

<Not Applicable>

Attach commitment or position statement(s)

<Not Applicable>

Describe the process(es) your organization has in place to ensure that your engagement activities are consistent with your overall climate change strategy

Primary reason for not engaging in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

Explain why your organization does not engage in activities that could directly or indirectly influence policy, law, or regulation that may impact the climate

<Not Applicable>

C12.4

(C12.4) Have you published information about your organization's response to climate change and GHG emissions performance for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Publication

In voluntary sustainability report

Status

Complete

Attach the document

Tyson_2021_Sustainability_Report.pdf

Page/Section reference

4-7, 23-28, 31

Content elements

Governance

Strategy

Risks & opportunities

Emissions figures

Emission targets

Other metrics

Comment

C15. Biodiversity

C15.1

(C15.1) Is there board-level oversight and/or executive management-level responsibility for biodiversity-related issues within your organization?

	Board-level oversight and/or executive management-level responsibility for biodiversity-related issues	Description of oversight and objectives relating to biodiversity	Scope of board-level oversight
Row 1	Please select	<Not Applicable>	<Not Applicable>

C15.2

(C15.2) Has your organization made a public commitment and/or endorsed any initiatives related to biodiversity?

	Indicate whether your organization made a public commitment or endorsed any initiatives related to biodiversity	Biodiversity-related public commitments	Initiatives endorsed
Row 1	Please select	<Not Applicable>	<Not Applicable>

C15.3

(C15.3) Does your organization assess the impact of its value chain on biodiversity?

	Does your organization assess the impact of its value chain on biodiversity?	Portfolio
Row 1	Please select	<Not Applicable>

C15.4

(C15.4) What actions has your organization taken in the reporting year to progress your biodiversity-related commitments?

	Have you taken any actions in the reporting period to progress your biodiversity-related commitments?	Type of action taken to progress biodiversity- related commitments
Row 1	Please select	<Not Applicable>

C15.5

(C15.5) Does your organization use biodiversity indicators to monitor performance across its activities?

	Does your organization use indicators to monitor biodiversity performance?	Indicators used to monitor biodiversity performance
Row 1	Please select	Please select

C15.6

(C15.6) Have you published information about your organization's response to biodiversity-related issues for this reporting year in places other than in your CDP response? If so, please attach the publication(s).

Report type	Content elements	Attach the document and indicate where in the document the relevant biodiversity information is located
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C16. Signoff

C-FI

(C-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

C16.1

(C16.1) Provide details for the person that has signed off (approved) your CDP climate change response.

	Job title	Corresponding job category
Row 1	Chief Sustainability Officer	Chief Sustainability Officer (CSO)