

ESG Data Center

TOPIC	FY2016	FY2017	FY2018
Corporate Metrics			
FINANCIAL IMPACT			
Revenues (\$ billion)	\$36.88	\$38.30	\$40.10
Net Income (\$ billion)	\$1.77	\$1.778	\$3.027
Total Assets (\$ billion)	\$22.37	\$28.066	\$29.109
Research and Development Spending (\$ million)	\$96	\$113	\$114
PRODUCTION			
Beef (approx. avg. head per week)	125,000	130,000	133,000
Pork (approx. avg. head per week)	415,000	424,000	408,000
Chicken (approx. avg. pounds per week)	35,000,000	35,000,000	37,000,000
Prepared foods (approx. avg. pounds per week)	66,000,000	75,000,000	66,000,000
SUPPLIERS			
Total Farmers	9,421	9,331	9,248
Chicken Farmers	3,659	3,672	3,564
Cattle Farmers	3,764	3,790	3,775
Hog Farmers	1,975	1,774	1,811
Turkey Farmers	23	95	98
Food			
FOOD SAFETY & QUALITY ASSURANCE (FSQA)			
Certified Labs*	13	16+	16
Global Food Safety Initiative (GFSI) Certified Plants	99	108	106
Safety Quality Foods (SQF) Level 3 Certified Plants	13	24	23
Safety Quality Foods (SQF) Level 2 Certified Plants	1	0	2
British Retail Consortium (BRC) Certified Plants	83	82	79
Food Safety System Certification (FSSC) 22000 Certified Plants	2	2	2
Product Recalls**	2 (Hot Wings®, Chicken Nuggets)	2 (Popcorn Chicken, Chicken Patties)	1 (Food Service Chicken Product)

TOPIC	FY2016	FY2017	FY2018
Animal Welfare			
TOTAL THIRD-PARTY FARMCHECK® PROGRAM AUDITS	573	539	538
KEY WELFARE INDICATORS*			
Broiler Chickens			
Transport Liability	–	--	99.83%
Non-Damaged Wings	–	--	98.88%
Acceptable Paw Scores	–	--	78%**
Cattle & Hogs			
No Falls	–	--	99.15%
Not Prodded	–	--	99.15%
Acceptable Wait Time	–	--	94.02%
Environment			
COMPLIANCE METRICS*			
Notices of Violation (NOV)	19	75	40
Penalties Per Fiscal Year	\$94,855	\$208,965	\$2,012,765
Total Reportable Chemical Spills (e.g., chemicals, fats, oils, fuels)	18	9	1
WATER			
Water Use Intensity* (gallons used to produce a pound of finished product)	1.05	1.05	1.01
Water withdrawal* (billion gallons)	31.34	31.89	31.56
Water withdrawal by source			
Municipal Water	77%	78%	80%
Well Water	23%	22%	20%
Water Discharge by Destination			
Fresh Surface Water	49%	46%	45%
Irrigation	9%	13%	11%
Publicly Owned Treatment Facility	42%	41%	44%
Water reused (billion gallons)	2+	2+	2+
Wastewater nutrients collected and reused (pounds)	4+	3+	4+

TOPIC	FY2016	FY2017	FY2018	FY2018 WITH ACQUISITIONS
ENERGY AND EMISSIONS				
Greenhouse Gas Emissions Intensity (metric tons CO2e to produce 1,000 pounds of finished product)	0.018	0.019	0.018	0.020
Energy Use Intensity* (Btu used to produce a pound of finished product)	1,619	1,614	1,593	1,802
Total Energy Use	48.23	48.97	49.60	56.11
Non-renewable Fuel (Million mmBtu)*	32.57	33.74	34.47	39.96
Electricity (Million mmBtu)*	14.55	14.56	14.75	15.63
Renewable Fuel (Million mmBtu)*	1.11	0.66	0.38	0.52
Scope 1 GHG Emissions (Million Metric Tonnes CO2e)	2.90	3.22	3.12	3.50
Scope 2 GHG Emissions (Million Metric Tonnes CO2e)	2.25	2.53	2.57	2.73

TOPIC	FY2016	FY2017	FY2018
WASTE GENERATION*			
Waste Generated (million pounds)	2,804	2,980	3,710
Waste to Landfill (million pounds)	287	334	370
Waste Diverted from Landfill (million pounds)	2,517	2,646	3,340
Recycle & Beneficial Reuse** Rate	90%	89%	90%
Landfill Waste Intensity (pounds landfilled to produce 100 pounds of finished product)	0.94	0.98	1.19

Workplace

WORKFORCE

U.S.	108,000	117,000	116,000
Outside U.S.	6,000	5,000	5,000
Team Members by Gender*			
Male	61%	61%	61%
Female	39%	39%	39%
Team Members by Category*			
Full-Time Team Members	99%	99%	99%
Part- Time Team Members	1%	1%	1%
Salaried Team Members	89%	89%	89%
Hourly Team Members	11%	11%	11%
Retention Rate	64%	66%	61.3%

TOPIC	FY2016	FY2017	FY2018
COMPENSATION & BENEFITS			
Average Hourly Pay for U.S. Team Members	\$13.73	\$14.78	\$14.96
HEALTH AND SAFETY*			
Total Recordable Incident Rate: Number of work-related injuries and illnesses per 100 team members.	6.58	5.08	3.94
Lost Time Incident Rate: Number of work-related injury and illnesses that result in one or more days away from work per 100 team members.	4.99	3.80	2.94
Days Away, Restricted and Transfer Rate: Number of work-related injuries and illnesses resulting in a team member missing work, having restricted work activity or being transferred from their regular work assignment per 100 team members.	0.85	0.73	0.76
ETHICS & COMPLIANCE			
Number of facilities audited	25	27	31
Average Score	93%	95%	96%
WCA Audit Findings			
Health & Safety	37%	63%	51%
Labor	59%	29%	43%
Environment	4%	8%	6%
Business Integrity	0%	0%	0%
Ethics Help Line Contacts Received	3,840	4,761	5,379
Help Line Contacts Investigated	3,141	3,927	4,337
Unsubstantiated After Investigation	76%	78%	77%
Calls investigated and resolved	24%	22%	23%
Help Line contacts referred to other teams for resolution	699	834	1,042
Ethics Help Line Compliant Areas			
Employee Matters	55%	52%	53%
Harassment & Discrimination	18%	17%	26%
Management Style	24%	26%	17%
Other	3%	5%	4%

ESG Data Center Endnotes

FOOD

*Our certifications include A2LA 17025 and ISO 9001-2015 as well as state certified labs at some of our beef and pork plants.

**In 2018, we voluntarily recalled 260 cases of Tyson Foodservice chicken product after being notified by a supplier that an ingredient sent to Tyson Foods may contain pieces of blue and clear soft plastic. This ensured that no affected product was sold in stores. Tyson Foods received no reports of illnesses associated with the affected product, and the U.S. Department of Agriculture has classified this as a Class II recall with a low health risk.

ANIMAL WELFARE

*Percentage acceptable of animals and trailers audited against [NAMI Recommended Animal Handling Guidelines \[June 2017 Rev. 1\]](#) for cattle and hogs and [NCC Welfare Guidelines for Broilers](#).

**We are committed to continuous improvement in animal welfare and our opportunity is to improve paw scores during winter weather. Paw condition can be impacted in winter weather by factors such as low temperatures and moisture. Our goal is to improve paw scores in winter months by five percent year-over-year. We will report our progress against this goal in our annual sustainability report.

ENVIRONMENT

Compliance Metrics

*These statistics are representative of all U.S.-based operations, excluding Cobb-Vantress, AdvancePierre, Original Philly, Tecumseh Poultry, American Proteins and Keystone Foods.

Water

*This footprint includes data from our U.S.-based operations. Information from our U.S.-based Cobb-Vantress, The Pork Group, hog buying stations, Tecumseh Poultry, American Proteins and Keystone Foods are not included in this footprint. FY2018 data includes AdvancePierre and Original Philly acquisitions, FY2016 and FY2017 data does not.

Energy and Emissions

*This footprint includes data from our U.S.-based operations, including The Pork Group and hog buying stations. Keystone Foods and the Grayridge elevator are excluded from all years of data.

- The first three columns of data (FY2016, FY2017 and FY2018) are aligned with information used to set our science-based target (SBT) that was approved in July of 2018.
- The final column of data (FY2018 with Acquisitions) represents the growth that has occurred at Tyson Foods since we set our SBT with the acquisitions of American Proteins (four rendering plants in Georgia and Alabama and 13 blending facilities located throughout the southeastern and midwestern U.S.); AdvancePierre Foods (10 facilities, two distribution centers and three support centers); Original Philly (two plants in Philadelphia, Pennsylvania); three Tennessee grain elevators; and North Carolina grain elevator.
- Next year, we will continue to expand our footprint with data from the acquisitions of Keystone Foods, Grayridge Elevator and BRF S.A. We plan to adjust our baseline to account for our continued growth in 2021.

Waste Generation

*This footprint includes data from our U.S.-based operations. Information from our U.S.-based Cobb-Vantress, The Pork Group, hog buying stations, Tecumseh Poultry, American Proteins, Original Philly and Keystone Foods are not included in this footprint. FY2018 data includes AdvancePierre. Landfill intensity is based on production locations.

*Beneficial reuse can include activities such as composting, land application and digestion.

WORKPLACE

Workforce

*U.S./Domestic employees only as of September, 2017, excluding AdvancePierre Foods.

Health and Safety

*Data includes Cobb-Vantress U.S. facilities. AdvancePierre Foods, American Proteins Inc. and Tecumseh Poultry are included in FY2018 but not prior years.