



2023 ESG REPORT





Contents

- 3 A Message From Our CEO
- 4 About CITGO
- 6 Environment
- 12 Social
 - 13 People
 - 14 Safety
 - 16 Community
- 21 Governance
- 25 Our ESG Reporting Process: Areas of Focus
- 26 Our ESG Reporting Process: Stakeholder Engagement
- 27 GRI Content Index

About Our 2023 Report

Unless otherwise stated, all data provided represents activities within our operational control (our refineries, terminals, plants and headquarters). Our 2023 Environmental, Social and Governance (ESG) Report was prepared in accordance with the Global Reporting Initiative (GRI) Sustainability Reporting Standards (2016). The GRI Index can be found at the back of this report on page 26.

CITGO is a privately held entity and all disclosures in this report are voluntary. Monetary figures are in U.S. dollars, unless otherwise noted. Some data has been rounded.

This ESG report contains forward-looking statements relating to the manner in which CITGO intends to conduct its activities, based on management’s current plans and expectations, and how CITGO intends to pursue current strategies. These statements are not promises or guarantees of future conduct, policy or performance, and are subject to a variety of uncertainties and other factors, many of which are beyond our control. For additional information, please see CITGO’s most recent annual report and other financial reports, including the information set forth under the caption “Risk Factors” in CITGO’s annual report for the year ended December 31, 2023. CITGO disclaims any duty to update any forward-looking statements.

A Message From Our CEO



Carlos E. Jordá
CITGO President & Chief
Executive Officer

In 2023, we refreshed our corporate values to emphasize our commitment to safety, integrity, respect, accountability and care. These values guide our daily decision-making and behaviors with respect to our ESG initiatives. These values also inform our ongoing strategies, including:

- ▶ Investing in asset infrastructure to support Operational Excellence initiatives, such as projects that support a strong safety and environmental culture.
- ▶ Evaluating alternatives to reduce greenhouse gas emissions (GHG) with an initial focus on energy efficiency.
- ▶ Continuing our long-standing tradition of corporate responsibility by investing in our local communities in the key focus areas of health; disaster relief and resilience; education; and environment.
- ▶ Continuing to support the Simón Bolívar Foundation in its mission to provide humanitarian aid that improves the health of vulnerable communities in and from Venezuela, especially mothers and children.
- ▶ Supporting a diverse and inclusive workforce that attracts top talent.
- ▶ Continuing to strengthen our ethics and compliance programs and internal control systems, reinforcing a healthy speak up culture and confirming compliance with expectations.

We worked to advance our ESG strategies over the last year, and I am particularly proud of our efforts in the following areas:

- ▶ **Environment:** Achieved notable progress in our energy initiatives at our facilities and received Energy Star certification for the third time. Additionally, we continued investing in our signature Caring for Our Coast program, which is celebrating a 10-year anniversary in 2024.
- ▶ **Social:** Achieved our best process safety performance on record, while increasing our investment in safety and operational reliability capital projects. We continued investing in signature programs such as STEM Talent Pipeline, student scholarships, and various initiatives to help communities prepare for and recover from disasters. We also raised millions of dollars for MDA and United Way.
- ▶ **Governance:** Continued enhancements in our Ethics and Compliance initiatives, including refreshing our corporate values, further promoting and enhancing a speak-up culture, launching a new conflict of interest policy and reporting tool, and promoting the Integrity Helpline. We also strengthened our Cybersecurity measures and conducted an assessment and testing of our internal controls.

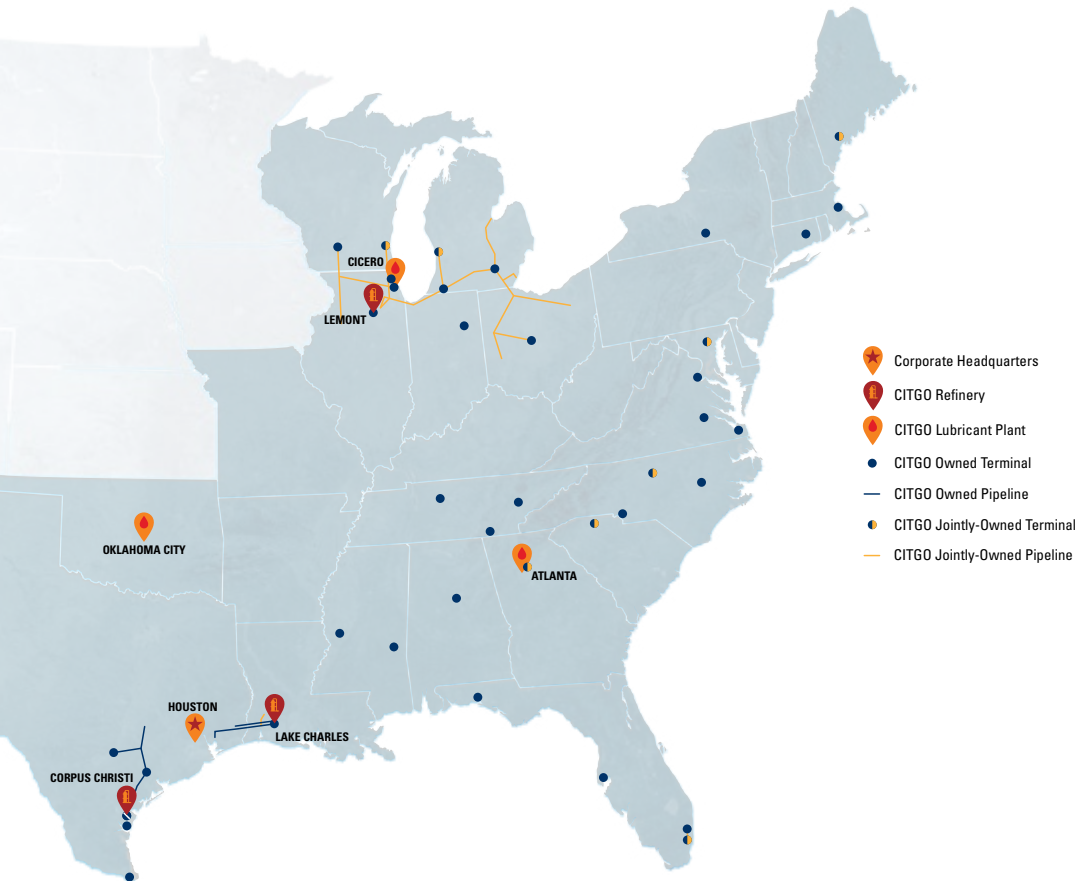
In closing, last year was another strong year for CITGO both operationally and financially. While our business environment will continue to change, our values and commitment to our ESG initiatives remain. It is a privilege to operate in the communities we serve, and we remain focused on operating safely and acting with integrity, respect and accountability.

Carlos E. Jordá

About CITGO

CITGO Petroleum Corporation makes the products that fuel everyday life.

We refine, transport and market motor fuels, lubricants, petrochemicals and other industrial products. CITGO operates three highly complex refineries located along the Gulf Coast and in the Midwest, a network of pipelines and terminals, and three lubricants blending plants across the country.



REFINING

CITGO operates three highly complex refineries in Lake Charles, La., Lemont, Ill., and Corpus Christi, Texas, with a combined crude capacity of 807,000 barrels-per-day (bpd).

Each refinery processes large volumes of crude oil into refined products, primarily gasoline, diesel, jet fuel and petrochemicals.

TERMINALS AND PIPELINES

Our extensive network of petroleum product terminals and pipelines is among the largest in the nation, consisting of 42 active wholly or jointly owned terminals and five wholly owned and three joint interest pipelines. This network offers the flexibility to store and distribute products to our customers throughout the midwestern, southern and eastern United States.

About CITGO

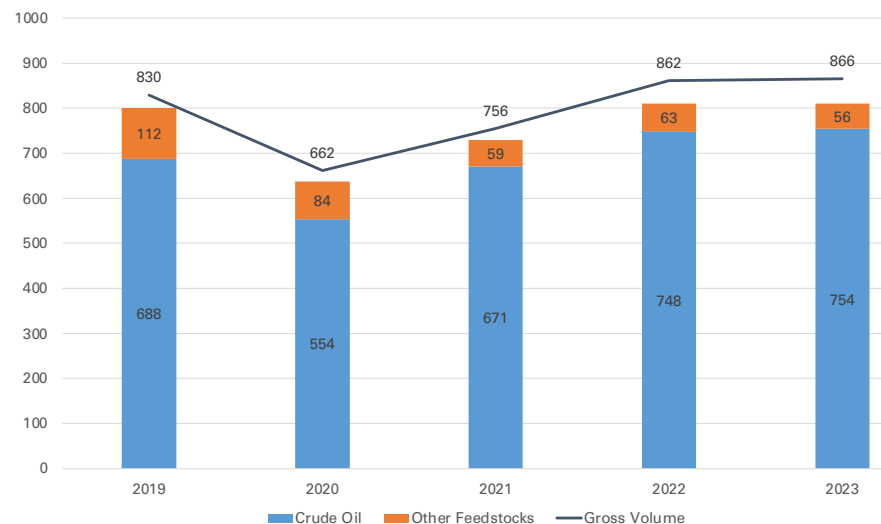
SUPPLY AND MARKETING

The high complexity of each refinery provides the added flexibility to adjust and optimize crude slates based on market dynamics and can contribute to improving refinery yields. As crude production in both the United States and Canada has grown, CITGO has increased the use of these advantaged crudes. Although we have the flexibility to receive crude via many modes of transportation, having direct access to these crudes via pipelines minimizes transportation costs.

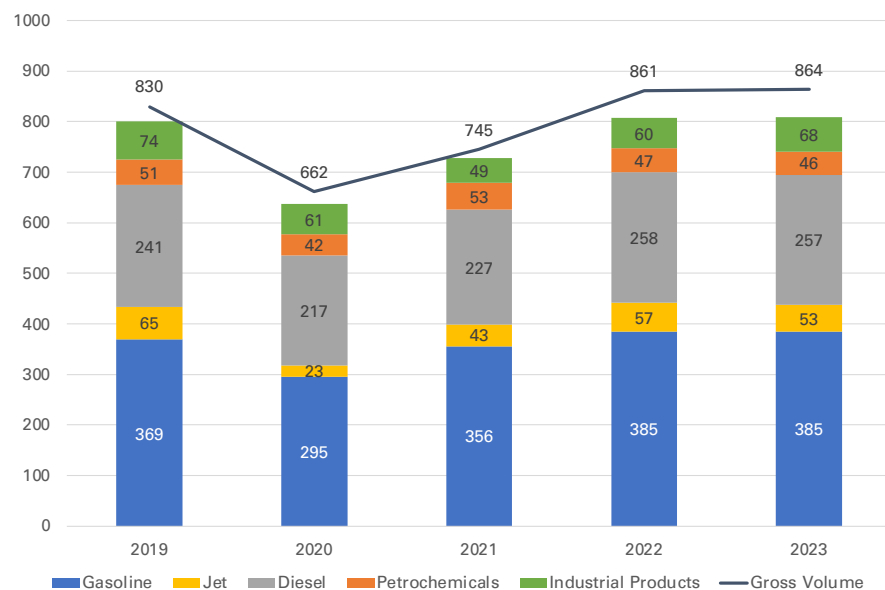
In 2023, CITGO produced nearly 695,000 bpd of transportation fuels (gasoline, diesel and jet) and purchased 213,000 bpd of refined products from third parties. Of this total, 147,000 bpd was sold for export and the balance was marketed domestically. The Company also blends and packages lubricants under the CITGO, Mystik and Clarion brands at its Atlanta, Ga., Oklahoma City, Okla., and Cicero, Ill. facilities.



Refinery Net Inputs, MBPD



Refinery Net Products, MBPD*



Environment

We are privileged to operate in the communities we serve. As good corporate neighbors, we strive to act with care and keep environmental impacts to a minimum.

AIR EMISSIONS

In 2023, total Air Emissions (VOC, NO_x, CO, SO₂, PM₁₀) increased relative to 2022. Measured in metric tons per million barrels of gross throughput, the Lake Charles and Corpus Christi Refineries experienced an increase in emissions due to turnarounds and unplanned outages, which reduced throughput, while the Lemont Refinery saw a decrease in emissions per barrel due to higher throughput as well as the impact of the activities outlined below.

CITGO continues to explore and invest in activities that help reduce emissions of Air Pollutants at all three refineries by:

- ▶ Installing more efficient burners
- ▶ Conducting regular burner tuning
- ▶ Reducing the number of flares
- ▶ Implementing flare minimization practices
- ▶ Active leak detection and repair practices

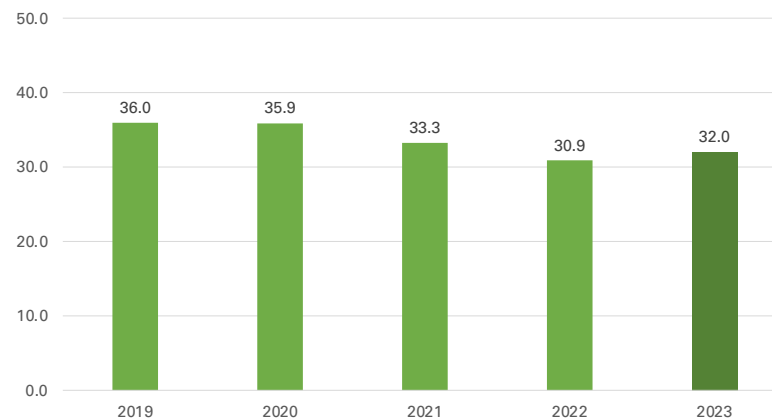
Examples of these types of activities in 2023 include:

- ▶ Flare minimization practices on the Lemont Refinery's SHU/ISAL unit by installing the large collection header down the pipe row to the cooling water exchangers, which minimizes flare load from the clearing and chemical cleaning during a turnaround.
- ▶ VOC sensors at the Corpus Christi Refinery as part of a fixed monitoring system that continuously monitors for VOC emissions above background, thereby ensuring VOC emissions remain low and any leaks are addressed immediately upon detection.

Total Air Emissions from Refineries

(VOC, NO_x, CO, SO₂ & PM₁₀)

Metric Tons / Million Barrels of Gross Throughput*



*As defined by Section 108 of the federal Clean Air Act (VOC, NO_x, CO, SO₂ & PM₁₀) (excluding lead), and as certified in annual air emission inventories.

NOTE: Historical data reported for Total Air Emissions from Refineries differs slightly from data presented in the 2021 ESG Report and has been updated to correct minor errors reported in data for past years. In addition, for consistency throughout the report we adjusted the denominator from net throughput to gross throughput.

GREENHOUSE GAS EMISSIONS

CITGO continues to track and report its Scope 1 GHG emissions for our refinery operations, consistent with EPA reporting requirements. The majority of our GHG emissions come from our refining operations. As of 2022, we also started reporting emissions data from our other wholly-owned and operated facilities, including terminals, pipelines, lubricant plants, corporate office and jointly-owned facilities. We have also incorporated all Scope 2 emissions which are primarily associated with purchased electricity and steam.

In 2023, our total GHG emissions decreased from 2022 levels. This was primarily due to the shutdown of a coke-fired power plant in which CITGO has a 49.5% interest, in the second quarter of 2023. This resulted in the reduction of Scope 1 emissions. We expect the full year ongoing reduction associated with this exit to be approximately 0.9 MMT (million metric tonnes).

CITGO is progressing in the development of a solar farm adjacent to the Lemont Refinery. The Company expects to generate 5 megawatts of power and 80 megawatts of battery storage via renewable/solar. The estimated reduction in CO₂ is 6,150 metric tons.

Other recently approved projects to help reduce GHGs include the installation of Vapor Recovery Units (VRU), which capture displaced vapors when filling gasoline trucks, at our East Chicago, Indiana and Luling, Texas terminals. Utilizing VRUs instead of Vapor Combustion Units (VCU) provides positive economics and also lowers GHG and other emissions over the life of the projects. The East Chicago project has already been commissioned in 2024. The Luling terminal VRU project was approved in anticipation of tighter future regulations and is expected to come online in 2025.

Greenhouse Gas Emissions (Million MT CO₂e) CITGO Operations*

(refineries, terminals, pipelines, lubricant plants and corporate office)



*Includes emissions resulting from CITGO direct control and equity share of NISCO.



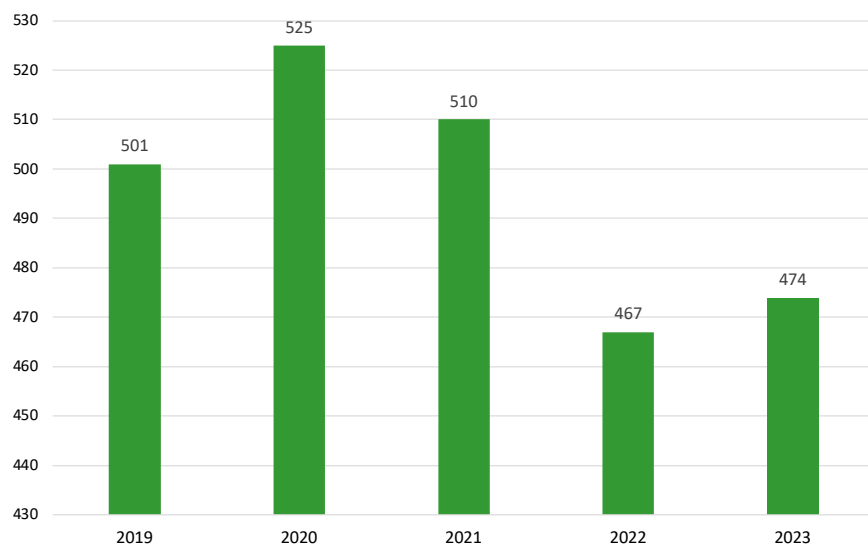
Charlotte Terminal Honored with Air Quality Excellence

The CITGO Charlotte Terminal was honored with an Air Quality Excellence Award from the Mecklenburg Air Quality Board. This recognition is a testament to the commitment and dedication of our terminal personnel in maintaining close compliance with Mecklenburg County's rigorous air permit requirements and upholding the highest standards of air quality.

ENERGY USE

Because energy use is the primary contributor to GHG emissions in refining processes, we seek to evaluate ways to reduce the energy intensity of our operations, which would lower our GHG emissions and also contribute to reduced operating expenses. While we have these types of projects under review, our 2023 energy intensity increased relative to 2022 primarily due to lower throughput at the Lake Charles Refinery, our largest and least energy efficient refinery.

**Energy Use Intensity at Refineries
(Energy Use)**
Thousand BTUs per Barrel of Gross Throughput*

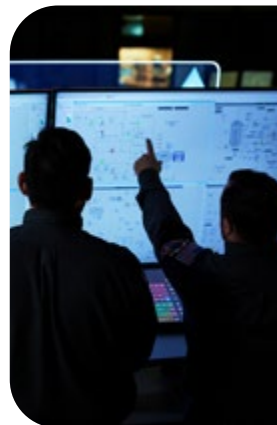


*includes purchased electricity and based on refinery throughput

All three refineries are actively working projects to improve energy efficiency. Specific projects underway and/or completed this year include:



- ▶ The Lake Charles Refinery is developing two heat recovery projects for two crude units to reduce energy intensity, both of which will be implemented during the next scheduled turnaround for each unit.



- ▶ The Corpus Christi Refinery, already an Energy Star Partner, continued to improve energy usage and is working toward being included in the first quartile of U.S. refineries that are recognized as energy efficient. Also in 2023, the refinery began a project to upgrade its reformer feed/effluent exchanger, which was completed in 2024. Looking ahead, upgrades are planned for the 2025 turnaround to further reduce energy on the crude unit.



- ▶ The Lemont Refinery has several heat integration projects in development in 2024, including a project that shifts yields from gasoline to distillates, thereby reducing throughput in the energy intensive naphtha reforming units and reducing energy usage by 22 MMBtu/hour. Another project integrates ULSD stripper bottoms stream to crude preheat exchanger train, which increases crude unit energy efficiency and throughput capability.

ENERGY USE CONTINUED

As part of our ongoing commitment to operational excellence, CITGO joined the Environmental Protection Agency's (EPA's) ENERGY STAR partnership program in 2022. This partnership is part of a company-wide energy management project designed to decrease the energy needed to operate. Related activities throughout the company include:

- ▶ Formed dedicated Energy Star Teams at each individual plant to focus on implementing the ENERGY STAR 7-Step Plan.
- ▶ Concluded a third-party energy study of the Lake Charles Refinery and started a similar study of the Lemont Refinery. The results of these surveys will be evaluated and energy reducing project opportunities will be prioritized among other strategic projects.
- ▶ Repaired more than 1,500 steam leaks across all three refineries for an annual savings of \$12.8 million.
- ▶ Shared the CITGO energy management journey at the Annual ENERGY STAR Industrial Partner Meeting, highlighting the certification of the Corpus Christi Refinery, and energy management roles and responsibilities at all CITGO facilities.
- ▶ Celebrated ENERGY STAR Day and Energy Awareness Month in October with branded items and energy saving tips for employees.
- ▶ Awarded a \$100,000 grant to support SBP's Opportunity Housing program. The grant will fund the installation of solar panels for a sustainable housing development in Houston, Texas.

Energy Savings with LED Lighting

CITGO installed LED lighting at its corporate headquarters. This upgrade has contributed to a 19.5% reduction in total energy usage based on year over year data.

Corpus Christi: Three ENERGY STAR Certifications and Counting



The Corpus Christi Refinery's first ENERGY STAR was an achievement years in the making. "We've been building energy best practices at the plant since the early 2000s," said John Curry, CITGO Corpus Christi Process Consultant Energy/Heaters. Following an audit in 2018, the refinery developed an official energy management plan and a dedicated website to track the progress towards certification. These efforts combined with energy efficiency surveys and programs would lead to two more certifications in 2020 and 2023.





WATER USE

Efficiently utilizing water in our processing is an area of focus. As indicated in the chart, water usage increased at both the Lemont and Corpus Christi Refineries in 2023. In Lemont, the increase was related to high crude rate and overall utilization, while in Corpus Christi the increase was caused by higher utilization of specific units that require more water, such as the alkylation and FCC units. Water usage at the Lake Charles Refinery decreased to normal usage rates.

WASTE GENERATION

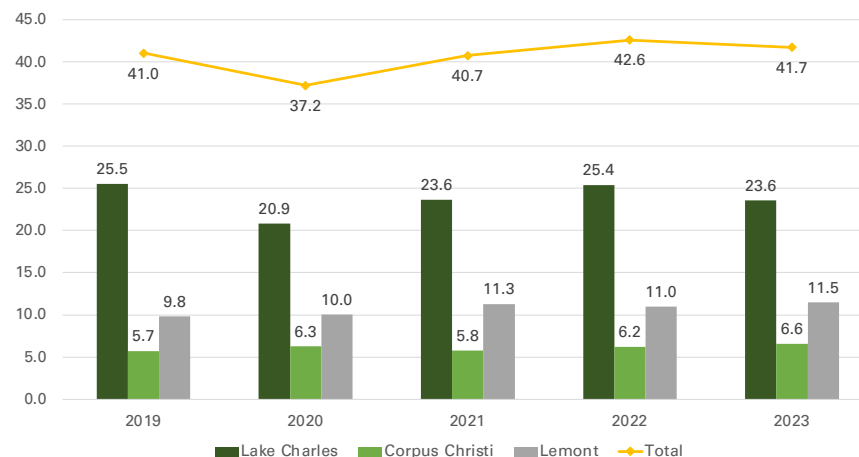
CITGO reports hazardous and non-hazardous wastes from its refineries, both of which can vary depending on utilization, weather-related events, periodic turnarounds, tank cleanings, remediation projects and changing characteristics of feedstocks in the refining process. Hazardous wastes are carefully managed and heavily regulated and can include items such as hydrotreating catalysts, refinery tank bottom solids, process sewer sludge and lab waste. Examples of non-hazardous waste include dredging solids, excavated soil, spent filters and various cleanup debris.

In 2023, hazardous waste was similar to 2019 and 2022 levels (pre and post COVID), with small variances due to specific activities such as tank cleanings and equipment outages.

The increase in non-hazardous waste was due to equipment outages, tank cleanings, maintenance and capital projects at the Lake Charles and Corpus Christi Refineries. The Lemont Refinery had a decrease in non-hazardous waste due to a delay in the process required to treat, dewater and test the dredging solids, resulting in less material ready for disposal. Adjustments to the process have since been made to return to a more normal timeline.

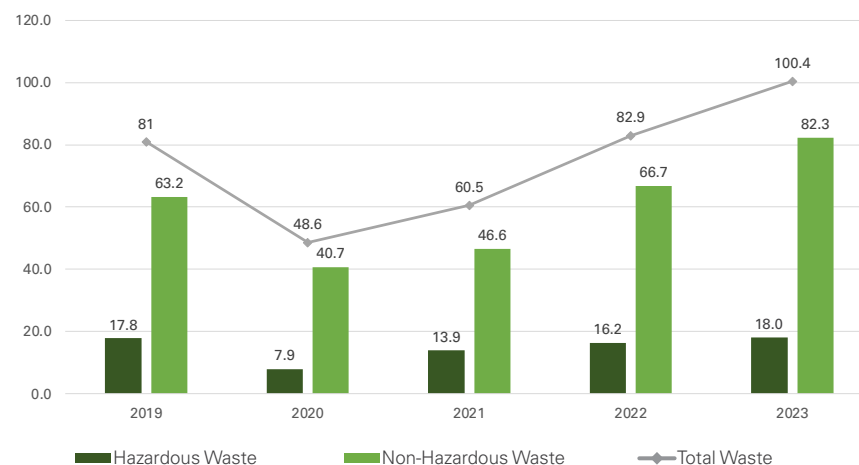
Aggregate Water Use at Refineries

(Million Cubic Meters)



Waste Directed for Disposal at Refineries

(Thousand Metric Tons)



RENEWABLE FUELS

In the renewable fuels space, we continue exploring opportunities in the sustainable aviation fuel (SAF) market in two different ways. One is through blending and logistics services to companies who already produce sustainable aviation fuel or to airlines who are purchasing it.

In 2023 we applied for a federal grant to install a rail facility at our East Chicago terminal to receive SAF at a lower transportation cost and offer blending services with conventional jet fuel. The grant was approved in August 2024, allowing us to further develop the project to make a final

investment decision. Our East Chicago terminal is one of our largest and is strategically located in the Midwest, making it an ideal SAF installation and one that would provide a model as we continue exploring additional SAF opportunities across our refining and marketing system. We believe this presents a longer-term opportunity to support the efforts of the airline industry in reducing its carbon footprint.



Social

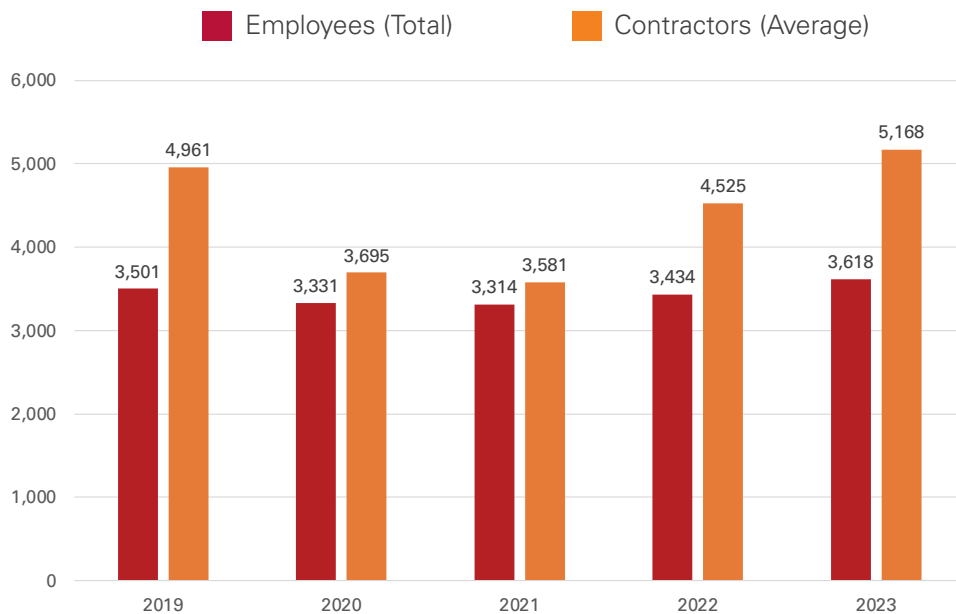
We work to maintain positive relationships with our stakeholders, with special emphasis on our employees and the communities in which we live and work. Our underlying values of safety, integrity, respect, accountability and care are reflected in our behaviors and actions, ensuring we conduct our business in a safe, compliant, reliable and responsible manner.



People

Our workforce is at the heart of every aspect of our business. Running a successful operation requires a workforce with a diverse skill set and knowledge, and we strive to attract and retain the best talent. As shown in the chart on this page, our total workforce headcount in 2023 was 8,786 (3,618 employees and 5,168 contractors). The total number of contractors has increased over the last few years to a more normal, pre-COVID level, as we have added more contractors for routine maintenance and capital projects at our refineries.

Workforce Total Headcount



NOTE: Number of contractors has been updated from previous reports. Reporting period is January 1 - December 31 of each year.

DIVERSITY AND INCLUSION

CITGO remains committed to maintaining a diverse and inclusive workforce. While we have not set specific diversity targets, and do not plan to set such targets, we believe that fostering a workplace environment that values and respects different backgrounds, experiences, points of view and gender identities contributes to our continued success and innovation. Our longstanding commitment to fair hiring, retention and development opportunities go hand in hand with our efforts to build and maintain a high performing workforce and a strong ethics and compliance environment. As a subset of our total employees, the associated chart summarizes the employee profile for women and minorities. Since 2019, the percentage of females has dropped from 21% to 19%, while the percentage of minorities has increased from 30% to 32%.

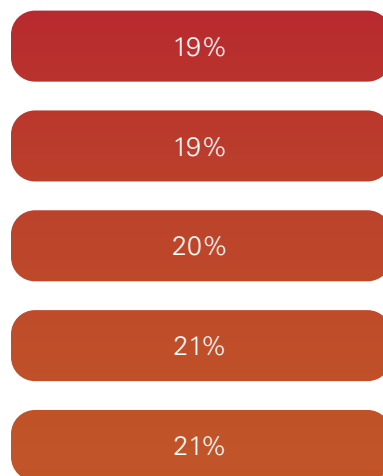


CITGO Dependent Scholarship Program

Since 1987, CITGO has assisted the dependent children of CITGO employees and retirees in reaching their college education goals through the CITGO Dependent Scholarship Program. To date, \$4.4 million has been awarded to 390 high school seniors to further their post-secondary education goals.

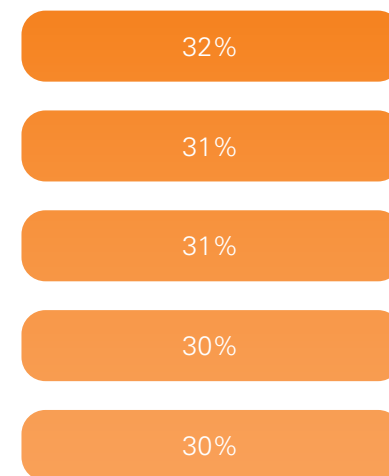


Females as a % of Total Workforce



2023
3,618 total employees
2022
3,434 total employees
2021
3,314 total employees
2020
3,331 total employees
2019
3,501 total employees

Minorities as % of Total Workforce





Safety

Safety is a core value of CITGO and is important to all that we do. An integral part of our Operational Excellence initiatives, safety is emphasized by our leadership through visible and active participation in the continual drive towards a culture of Health, Safety, Security and Environment (HSSE) excellence. Our workforce is empowered with the authority to ensure HSSE expectations and requirements are in place and effective before starting any work or activity. Stop work authority is given to, and expected of, all personnel working for, or on behalf of, CITGO when HSSE requirements or expectations are not being appropriately implemented or if HSSE risks are perceived to be inadequately controlled.



Jack McCrossin Earns First-Ever ILTA Distinguished Service Award

In May 2023, the International Liquid Terminals Association (ILTA) presented its first-ever Distinguished Service Award to Jack McCrossin, General Manager Terminal Facilities and Pipeline. ILTA introduced the award to highlight individual industry professionals who have consistently contributed leadership, education, advocacy and advancements in the terminal industry throughout their careers.

2023 SAFETY HIGHLIGHTS

- ▶ CITGO continues as a safety leader in an industry that has among the lowest injury and illness rates of all manufacturing industry sectors, as reported by the U.S. Bureau of Labor Statistics.
- ▶ In 2023, CITGO increased investment to \$244 million in safety and operational reliability capital projects, underpinning its commitment to safe, compliant, and reliable operations. In comparison, our 2022 spend was \$225 million, which was an increase from \$200 million in 2021. See our [2023 Annual Report](#) for additional information.
- ▶ Achieved the best overall CITGO Process Safety Rate performance on record.
- ▶ Three-hundred (300) CITGO Emergency Response Team personnel enhanced their capabilities in response management through participation in:
 - ▶ Three hands-on industrial firefighting training events
 - ▶ Emergency Response Specialist course
 - ▶ Hazardous Materials Specialist course
- ▶ Emergency scenario drills were conducted at the Lemont Refinery and at the Port Everglades Terminal involving multiple local, state, and federal agencies to test emergency response capabilities.
- ▶ The CITGO Life Critical Rules program was rolled out in 2023, including a corporate standard and awareness campaign targeting prevention of the most critical incidents.
- ▶ Terminals and Pipelines (TPL) was again recognized for its HSSE performance with the International Liquid Terminals Association's Safety Excellence Award.

SAFETY PERFORMANCE DATA - TRIR, DART AND PSE

In 2023, the Company experienced a 67% increase in the Total Recordable Incident Rate (TRIR) and a 20% decrease in the Days Away, Restricted, or Transfer (DART) case rate. The TRIR increase occurred while managing the challenges of increased operational work hours, significant turnaround and capital improvement project scopes, and abnormally severe regional winter freeze conditions.

Process Safety Management (PSM) performance remains a key area of focus. Overall, the sum of Tier 1 and Tier 2 Process Safety Events (PSEs) was reduced by 40% from the previous year. The Tier 2 PSE Rate was the lowest in recorded CITGO history. These PSM improvements were made while experiencing abnormally severe freeze events at the Lake Charles and Corpus Christi Refineries in the fourth quarter of 2023. This success is a result of improvements in PHA (Process Hazard Analysis) methodologies, enhanced employee participation, and operational reliability capital project advancement and ongoing commitment to safety.

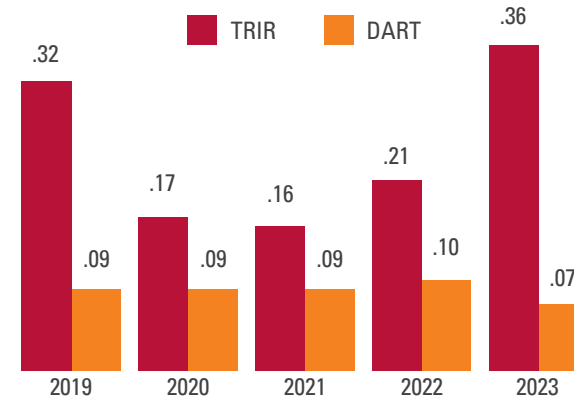
The Company's overall occupational safety performance remains better than the industry average and action plans are being implemented to further improve forward looking safety performance. Examples of safety action plans include organizational and personal risk reduction measures associated with work authorization, pre-job safety reviews, and hazard recognition. Systematic analysis of High Learning Value Events continued in 2023, identified based on both actual and potential severity, and reviews with executive management endorsed enterprise-wide learning opportunities.

Additional HSSE initiatives completed during the year included HSSE Management System integration and Life Critical Rules roll out. Audit programs targeted review and implementation of key safe work practices and asset integrity assessments. A phased review of HSSE documentation proceeded to ensure applicability and standardization where appropriate. CITGO further expanded safety performance focus by identifying continual improvement opportunities through HSSE performance metrics, targeting leading indicators, while also monitoring lagging indicators.

Electronic Permit to Work (ePTW)

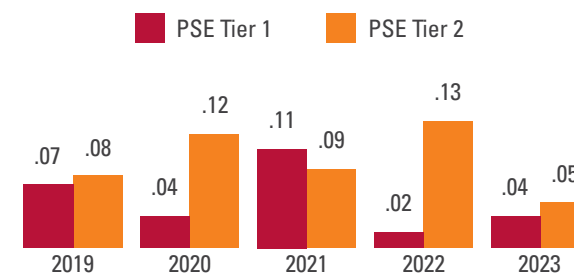
CITGO is currently in the process of implementing an electronic permit to work system across all business units to improve work authorization and control. This initiative will promote effective, efficient, and consistent implementation of a key safety system of work and reduce HSSE risk. This system will allow for digital monitoring, providing real-time assessment and historical audit capability for continuous safe work control improvements. CITGO remains committed to investing in the technologies that optimize our HSSE efforts.

CITGO Total Recordable Incident Rate (TRIR) & Days Away, Restricted, or Transfer (DART) Case Rate*



Number of Recordable Incidents					
	2019	2020	2021	2022	2023
TRIR	29	14	12	18	34
DART	8	7	7	9	7

CITGO Process Safety Event (PSE) Tier 1 & 2 Rates*



Number of Incidents					
	2019	2020	2021	2022	2023
Tier 1	6	3	8	2	4
Tier 2	7	10	7	11	5

*Rates are based on number of incidents multiplied by 200,000 divided by total work hours.



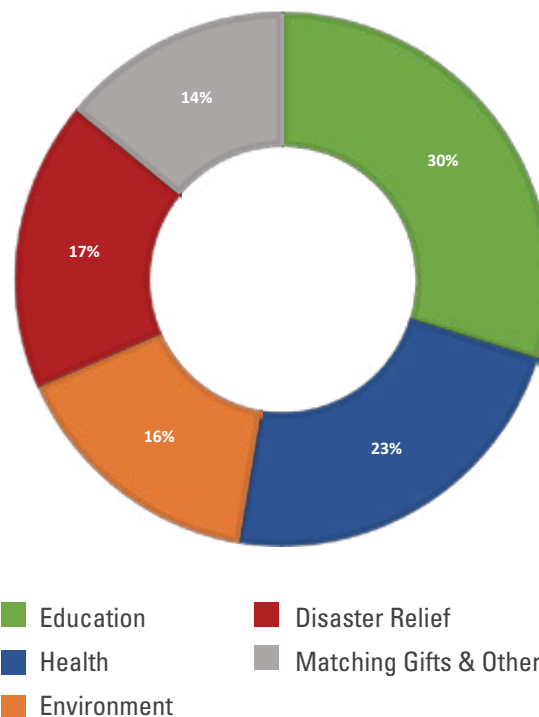
Community

CITGO remains committed to its values by supporting charitable organizations that align with its four focus areas of corporate social responsibility: health; disaster relief and resilience; education; and environment.

In 2023, CITGO made cash contributions totaling \$5.7 million to more than 250 unique charitable organizations (in addition to contributions made to the Simon Bolivar Foundation discussed later in this report):

- ▶ \$1.3 million for Health
- ▶ \$1.0 million for Disaster Relief and Resilience
- ▶ \$1.7 million for Education
- ▶ \$0.9 million for Environment
- ▶ \$0.8 million for other contributions including Matching Gifts*

Community Investment



Education

Education is vital to long-lasting community sustainability. CITGO supports educational initiatives that create meaningful impact while addressing some of today's biggest social barriers. Through the STEM Talent Pipeline signature grant program, CITGO awarded nearly \$900,000 to 35 schools and educational organizations, encouraging students to pursue STEM careers. The program reaches more than 28,000 students and educators and supports 13 CITGO Innovation Academies.

CITGO also awarded \$240,000 in scholarships through the unique Distinguished Scholars Program, which recognizes high school students for their talents in areas such as community service, beating the odds, and career and technical education.

*The "other" category includes funding to support United Way campaigns and safety and well-being initiatives.

Environment

Originally launched in 2014, our Caring For Our Coast (CFOC) program is an ongoing effort to protect vulnerable coastal and inland habitats through education and volunteerism.

In 2023, CFOC awarded \$700,000 to 13 environmental organizations. The results of these programs included planting nearly 58,000 trees, grasses and shrubs; collecting more than 100,000 pounds of trash; restoring 1,316 acres; and engaging more than 8,000 volunteers in 337 events.

Highlights of our partnership with these environmental organizations include:

- ▶ Continued restoration and maintenance of the critical migratory bird habitat at Smith Oaks Bird Sanctuary in High Island, Texas with the Houston Audubon Society, which improves biodiversity while engaging communities in creating safer spaces for birds to thrive and for people to connect to nature.
- ▶ Restoration and recovery work in Sam Houston Jones State Park in Louisiana, which will help fortify natural areas and increase resiliency for local communities in future flooding and weather events.
- ▶ Volunteer restoration events in Packery Flats near Corpus Christi, Texas with Coastal Bend Bays & Estuaries Program, which also supported habitat restoration in the Mission River Delta in Refugio County, Texas.
- ▶ Ecological restoration of the O'Hara Woods complex in the heart of the Romeoville, Ill. community with The Conservation Foundation.
- ▶ Funding science classroom with Tampa Bay Watch for marine science and educational programs, teaching students about marine environments and current environmental issues.
- ▶ Educational and volunteer programming with Galveston Bay Foundation, National Recreation and Parks Association, and Friends of Padre.

Caring for our Coast Partners and Projects:

Coastal Bend Bays & Estuaries Program	Houston Parks Board
Coastal Conservation Association Louisiana	National Recreation and Park Association
Friends of Padre	Restore America's Estuaries
Galveston Bay Foundation	Sam Houston Jones State Park, La.
Gulf of Mexico Alliance	Tampa Bay Watch
Houston Audubon	The Artist Boat, Inc
	The Conservation Foundation



Disaster Relief and Resilience

- ▶ Our programs are designed to not only assist communities when disaster strikes, but to support initiatives that promote resilient communities and partner organizations. Our activities in 2023 included:
 - ▷ Donated to SBP USA for disaster relief in the Tampa, Fla. area after Hurricane Idalia
 - ▷ Awarded a grant to SBP's Opportunity Housing program to fund the installation of solar panels in a sustainable housing development built for vulnerable Houstonians
 - ▷ Assisted migrants in Houston and across the United States with basic needs and transportation
 - ▷ Provided shelf stable, emergency food to homebound seniors ahead of hurricane season
 - ▷ Distributed disaster prep kits to low-income families

Health

Since 1986, CITGO has partnered with the Muscular Dystrophy Association (MDA), raising more than \$272 million through annual fundraising campaigns that support MDA's mission. With the help of Marketers, Retailers and employees, in 2023, CITGO raised \$5.9 million for research and to support families living with muscular dystrophy, ALS and related neuromuscular diseases.

In addition to MDA, CITGO supports a variety of programs that assist unsheltered people with basic needs, transportation and social services; provide access to healthy food; and provide victim advocates for survivors of crime and domestic abuse. CITGO also supported the Houston Area Women's Center's most successful educational campaign focused on domestic violence.

CITGO supported health and wellness by donating funds for a new bike trail connection project in Romeoville, Ill. A collaborative effort among the City of Rockport, the Village of Romeoville and CITGO, the project connected the 3.26 mile Centennial Trail to an 11-mile stretch of the I&M Canal Trail, simplifying what previously was a point of confusion and frustration for bikers and cyclists traveling between Lemont and Joliet. As an additional benefit for commuters, the project also included a new connection with the Romeoville METRA station.

CAER First Responder Grants in Lemont, Ill.

For the third year in a row, the CITGO Lemont Refinery awarded first responder grants to agencies in Lemont, Lockport, Romeoville and Will County, Ill. as a continuation of the CITGO Community Awareness Emergency Response (CAER) program. Eight grants totaling more than \$80,000 were awarded in 2023 to be used for educational and disaster relief purposes.

"We created the CAER First Responder Grant Program back in 2021 to better partner with our first responders who are the real heroes of our community," stated Jim Cristman, CITGO Lemont Vice President and General Manager. "We are proud to support them as they provide ongoing, critical services to the surrounding area."

The CITGO Lemont Refinery CAER Council was formed in 2002 to share information and increase understanding and cooperation among CITGO, community leaders and communities regarding safety, the environment and emergency response. The council is made up of police, fire, other community leaders and refinery leadership. CAER continues to be a successful model for keeping community leaders informed on important information.

Employee Engagement and Volunteering

Our community investment program starts with our employees. Volunteering, fundraising and matching gifts through organizations such as the United Way and MDA not only boost employee engagement and recruitment, but also reinforce our values and strengthen the bond between the company, employees, and communities. Through TeamCITGO, our employees, retirees, friends, and families volunteer their time and talent for various local charitable and community projects, embodying the spirit of volunteerism. CITGO employees were actively engaged in:

- ▶ Raising and donating more than \$1.9 million for United Way organizations in our refinery communities
- ▶ Raising and donating more than \$2.2 million for MDA through refinery, terminal and corporate fundraising events

- ▶ Volunteering more than 6,500 hours and donating more than \$280,000 to local community organizations, including CITGO matching funds and rewards. Additional employee volunteer highlights include:
 - ▶ Lemont Refinery employees volunteered 320 hours to frame a home in three days as part of its Habitat for Humanity program
 - ▶ Corporate employees volunteered for the River, Lakes, Bays 'N Bayous Trash Bash, our largest employee-driven event. Thirty-seven volunteers helped manage the clean-up of a 12-mile stretch of a local bayou, bringing in:
 - ▶ 381 volunteers
 - ▶ 1,905 hours
 - ▶ 4,000 pounds of trash
 - ▶ 250 pounds of material reused or recycled

Giving Tuesday

Our innovative One Good Thing Campaign drives employee engagement for Giving Tuesday and highlights employees doing their good deeds for the community. It is a workplace giving effort to encourage and facilitate donations to the causes our employees care about. CITGO seeds \$50 to every employee's giving account to donate to the charity of their choice. CITGO also offers volunteer rewards up to \$200 and matches 1:1 up to \$500 in matching gifts.



SIMÓN BOLÍVAR FOUNDATION

The Simón Bolívar Foundation (SBF) is the 501(c)(3) non-profit, private foundation of CITGO Petroleum Corporation, with the overarching mission of improving the health of vulnerable individuals affected by disaster, conflict and poverty, with special attention to children and mothers in and from Venezuela. During 2023, SBF focused on fulfilling its mission of providing access to humanitarian health care, building capacity, and transferring knowledge, while also working to transition the care of existing patients.

Overall, SBF signed 25 grant agreements that are designed to benefit an estimated 280,000 individuals and 114 hospitals in nine countries. Below is a list of grants awarded totaling approximately \$6.3 million:

- ▶ **Strategic Partnerships:** SBF continued strategic partnerships with large, reputable charitable organizations with \$2.6 million to provide grantmaking for humanitarian health and reinforce capacity to smaller organizations locally, benefiting an estimated 125,976 vulnerable individuals.
- ▶ **Colombia Round:** \$415,000 awarded for two grants benefiting an estimated 5,050 individuals, providing 72,000 meals and 11,300 PPE kits.
- ▶ **Integral Maternal, Neonatal and Childhood (IMNC) Health Care Program Venezuela:** \$1.6 million awarded for five grants benefiting 40,960 individuals, through 256,696 medicines and vitamins and 802,700 meals in Zulia, Bolivar, Amazonas, Apure, Carabobo, Lara and Falcon.

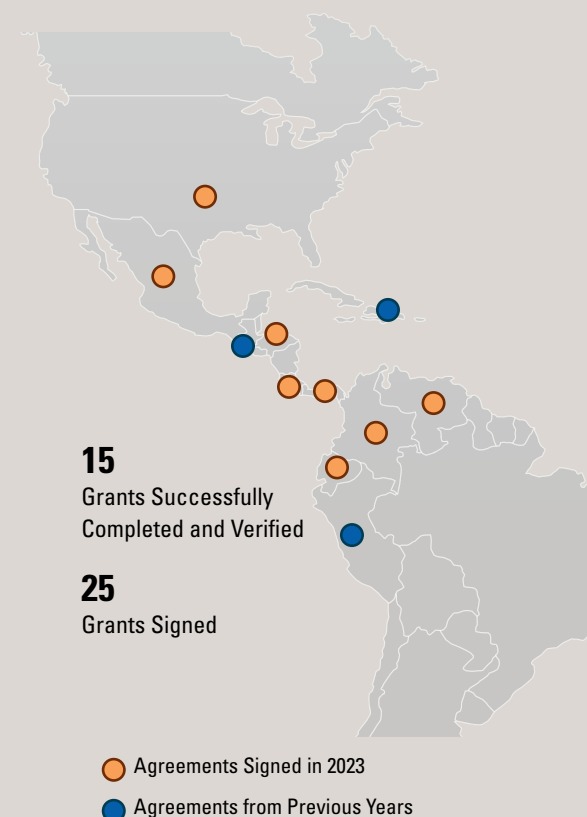
- ▶ **Colombia, Peru, and Ecuador Round:** \$1.5 million awarded for five grants benefiting 103,790 individuals, through 221,900 meals and 3,548 medicine and vitamin kits.
- ▶ **Hoy Invita Simón:** \$141,000 to five organizations in the United States to provide hot meals and food bags to migrants in Houston, Miami, New York City and Chicago, benefiting an estimated 2,450 individuals.

Additionally, SBF committed approximately \$1.2 million to providing medical support to individual patients, donations to hospitals, promoting knowledge transfer and administrative expenses.

Notable activities include:

- ▶ Supporting scholarships for Baylor Tropical Medicine students.
- ▶ Continued to issue audited financial reports.
- ▶ Sponsoring field work for Centro de Medicina Tropical of Universidad Central de Venezuela, in Chichiriviche de la Costa, where students and professors provide medical attention and education to locals.
- ▶ Through an endowment with the Baylor College of Medicine, 177 doctors participated in the Igor Palacios lectureship program, 70 of whom were Venezuelan doctors attending virtually. Venezuelan representatives received an award for the second year in a row for the best medical case presented.

- ▶ SBF continues to explore transition options for a small group of patients in Argentina and Spain. SBF also extended an agreement with an organization in Venezuela to continue supporting liver transplant patients in-country.
- ▶ For more information, see the *Simón Bolívar Foundations 2023 Annual Report*.



Governance

One of the main responsibilities of management is to ensure that CITGO operates consistent with our values and works to adopt industry leading practices. In this regard, the CITGO Board of Directors prioritizes strong governance, which is integral to the Company's operational and financial objectives. In 2023 we enhanced our Ethics and Compliance initiatives, strengthened our Cybersecurity measures, and conducted a full assessment and testing of our internal controls.



ETHICS AND COMPLIANCE

During 2023, the CITGO Ethics and Compliance (E&C) Office continued making enhancements to the Company's E&C programs. The E&C Office helped coordinate the Employee Engagement Survey, refreshed the corporate values, further promoted and enhanced a speak-up culture, launched a new Conflicts of Interest Policy and reporting tool, and promoted the Integrity Helpline.

The results of the 2023 Employee Engagement Survey reflected improvements compared to the previous year, with an increase in the total engagement score and improvements in 26 of the 29 questions included in the survey. The results reflected commitment to corporate citizenship, intent to stay and desire to achieve career goals

at CITGO. Action plans were subsequently created at the corporate level and individual department levels to both reinforce positive results and address areas for improvement.

Continuing the work begun in 2022 to refresh the Corporate Values, the E&C office conducted a series of 23 focus groups comprised of a cross-section of employees throughout the company. Five Values emerged: safety, integrity, respect, accountability, and care. These Values, definitions and associated behaviors were initially rolled out in 2023 and a full creative campaign to support these values was unveiled in early 2024.

Supporting the refreshed values, a targeted speak-up campaign was launched to enhance trust among employees. This involved quarterly informational videos, leveraging the E&C Ambassador Network, and utilizing the E&C Committees, all of which helped reinforce a work environment guided by our Values and free of harassment and retaliation.

E&C Office also introduced a new Conflicts of Interest Policy, process, and the CITGO Disclosure Tool, which replaced the annual conflicts of interest questionnaire and related certifications. The new tool allows employees to disclose, record and manage actual or potential conflicts of interest in real time.

Employee Engagement Survey Results Comparison					
Engagement Year	% Response	Engagement Score	% Favorable	% Neutral	% Unfavorable
2022	57%	70	64%	26%	10%
2023	54% ↓³	75 ↑⁵	72% ↑⁸	22% ↓⁴	6% ↓⁴

Response Population: 1,865 out of 3,439

Score Increased: 26

Score Decreased: 0

Comments: 2,648

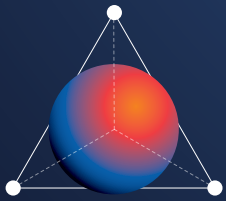
Comments per Respondent: 1.41

* Survey was sent to 132 more employees in 2023. 27 less employees responded in 2023 versus 2022.

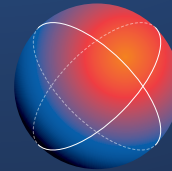
CITGO Values

CITGO is comprised of many unique, diverse people and, collectively, has its own Values that define how employees are expected to behave.

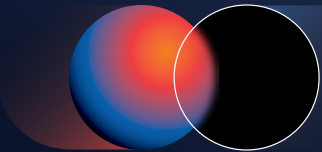
Each Value provides guidance on how employees can nurture a culture of ethical decision making and standards of behavior in the workplace.



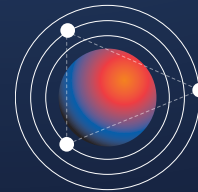
Safety - operating safely - every job, every day – by protecting people, our assets and the environment through smart decisions and safe actions.



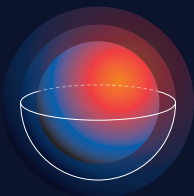
Integrity – acting with integrity in everything we do to build relationships and trust.



Respect - We are respectful, by nurturing a culture where everyone feels comfortable expressing their thoughts and concerns.



Accountability - We are accountable for our words, our actions, and results.



Care - We express care by looking out for each other and our communities.

CITGO is committed to Values that guide us every day.

ETHICS AND COMPLIANCE

The CITGO Integrity Helpline

We believe all CITGO stakeholders have a responsibility to speak up. There are a number of reporting channels available for stakeholders and community members to ask questions or raise concerns, including the Integrity Helpline. Data from the Integrity Helpline showed a continued increase in the number of reports received between 2022 and 2023, indicating that CITGO stakeholders are actively speaking up and using a variety of speak-up channels.

The Integrity Helpline is confidential and administered by an independent external third-party and is

available 24 hours a day, 7 days a week. The Integrity Helpline may be accessed by filing an electronic on-line report or by calling (800) 252-4846. All CITGO stakeholders should feel confident that when they speak up the Company will listen, follow up and take appropriate action. Any comments, questions, concerns or complaints received through the Integrity Helpline or our other reporting channels are evaluated and investigated, as appropriate. Concerns can be reported anonymously, if desired. Any person who reports a concern through any of these available channels, including the Integrity Helpline, is protected from retaliation.

Chrysti Ziegler Named Chair of ACFE Board of Regents



Chrysti Ziegler, Chief Auditor for CITGO, was named Chair of the 2023-2024 Board of Regents of the Association of Certified Fraud Examiners (ACFE).

The 90,000-member ACFE is the world's largest anti-fraud organization and premier provider of anti-fraud training and education. Elected by ACFE members, the Board is responsible for admitting new members and setting high standards of professionalism for anti-fraud professionals.

CYBERSECURITY

CITGO has identified Cybersecurity as a key enterprise risk for the company as cyber threats continue disrupting businesses around the world. In response, CITGO has developed a comprehensive cybersecurity program with the primary goal of safeguarding the confidentiality, integrity and availability of CITGO data, business systems and computing environments. The Company's Cybersecurity program is designed to follow the National Institute

of Standards and Technology (NIST) Cybersecurity Framework, which supports controls for identifying, detecting, protecting, responding to, and recovering from cyber threats.

The security and integrity of our systems is the responsibility of everyone at CITGO. The CITGO Cybersecurity program includes a comprehensive set of policies, standards, and processes, as well

as technical controls for securing company assets. Policies and standards apply to all CITGO facilities, employees, and contractors. To manage our existing program as well as emerging new technologies and procedures, the CITGO Cybersecurity team increased both personnel and budget, up 20% and 50%, respectively, over the last five years.

CYBERSECURITY

Layered Security Architecture

The cybersecurity architecture at CITGO uses a layered approach. These layers include, but are not limited to, physical access limitations, segmentation of Information Technology and Operational Technology networks, correlation of security incidents and events, 24/7 monitoring, risk assessments, vulnerability management, penetration tests, employee education, phishing tests and incident simulations. We have put in place incident-response procedures, business-continuity procedures, and disaster-recovery procedures, all of which we test periodically. We also use third parties to conduct incident simulations, penetration tests, and to measure overall maturity of the program.

PCI Compliance

CITGO works to comply with the Payment Card Industry Data Security Standard Level 1 Service Provider for Merchant Services, using a third-party Qualified Security Assessor to periodically assess the Company's compliance. CITGO also works to comply with the California Consumer Privacy Act and other applicable privacy laws. There have been no material incidents, alleged violations or fines due to non-compliance with physical and/or Cybersecurity standards or regulations.

Training

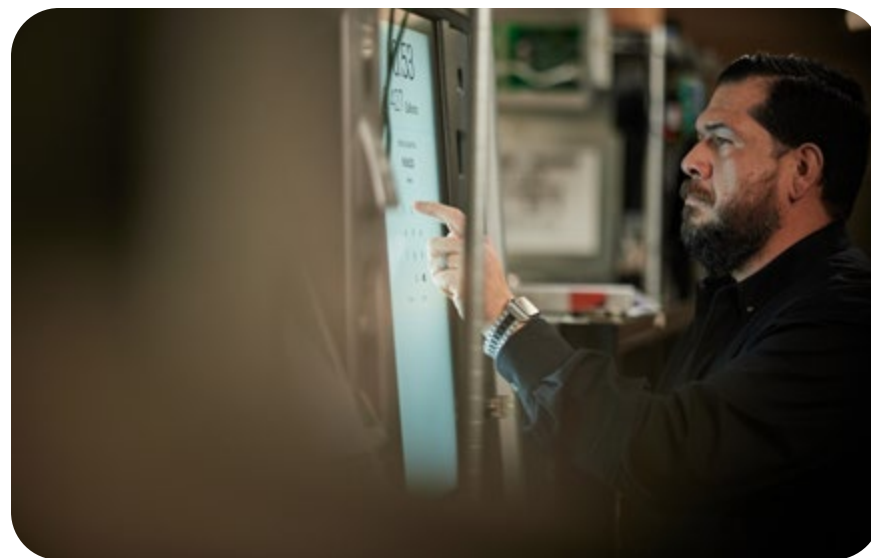
Employees are required to review our cybersecurity policy and complete threat-awareness training on an annual basis. We conduct phishing exercises each month. If employees fail the exercise, they receive remediation training. Employees who have repeated failures are reported to their management for further education and awareness training.

Leadership

Our Chief Information Officer (CIO) oversees the assessment, strategic planning, budgeting, and staffing for the company's cybersecurity program. Because CITGO has identified cybersecurity as one of our top enterprise risk management items, the CIO provides quarterly briefings to senior management and annual briefings to the CITGO Audit Committee. There have been no material incidents, violations or fines due to non-compliance with physical and/or cybersecurity standards or regulations.

INTERNAL CONTROL COMPLIANCE

In March 2019, we began a project to more closely align our internal controls over financial reporting with those generally employed by U.S. public companies. Following the pandemic, we developed a control framework, assessed organizational readiness, and tested controls. Our external auditor delivered an unmodified report on the Company's Internal Controls Over Financial Reporting as of December 31, 2023, the first time this opinion was sought.



Our ESG Reporting Process: Areas of Focus

We used the Global Reporting Initiative’s (GRI) Standards process to identify topics most relevant to the company as identified by key stakeholders. At CITGO, we took these steps to identify priority issues relevant to our reporting efforts:

- 1 Assessed industry developments using the GRI Standards.
- 2 Benchmarked previous reporting efforts against reporting by peers and industry leaders.
- 3 Focused on the sustainability context of issues managed through key decision-makers at corporate headquarters and at each site.
- 4 Determined the availability of data and the ability to expand disclosure.
- 5 Convened senior executives and internal subject-matter experts from across the organization to assess the reporting approach in light of stakeholder interests and needs.
- 6 Continued materiality assessments to address new and emerging risks.

This year’s report focuses on topics we deemed most relevant to the company and its stakeholders. Of those topics, the following six topics listed below were identified as the top priority areas.

REGULATORY COMPLIANCE
AIR EMISSIONS
OCCUPATIONAL AND PROCESS SAFETY
ENERGY USE INTENSITY
COMMUNITY ENGAGEMENT
EFFLUENTS, WASTE AND RECYCLING

Our ESG Reporting Process: Stakeholder Engagement

Stakeholder Group	Location	Action
Employees	All locations of operation in the United States	Our employees are integral to our business. They refine, transport and store our products. They are our eyes and ears on the ground, our subject-matter experts and our brand ambassadors.
Government Bodies and Agencies	Local, state and federal governmental bodies and agencies	Governmental bodies and agencies set the legislation and regulations that impact our work.
Nongovernmental Organizations (NGOs)/ Nonprofits and Industry Associations	Global	NGOs support the implementation of corporate social responsibility programs through grants and partnerships.
Consumers	Global	Consumers contribute to our financial success.
Community	In the vicinity of our operations	Our communities provide the bases of operations and an employment pool, and enable us to more broadly engage outside the workplace.
Post-Secondary Institutions	In the vicinity of our operations	These educational institutions help us sustain a qualified workforce.
Contractors	In the vicinity of our operations	Contractors contribute best-in-class skills that support our operations.
Marketers	United States	Marketers help us sell our products and promote our brand reputation.



GRI Content Index

2023 CITGO ESG Report

GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions																																																																																																					
102-1	Name of the organization		CITGO Petroleum Corporation ("CITGO")																																																																																																					
102-2	Activities, brands, products, and services		CITGO is the fifth largest refiner in the U.S. with a combined crude capacity of approximately 811,000 barrels-per-day (bpd), CITGO operates three sophisticated, highly complex crude-oil refineries located in Lake Charles, La.; Lemont, Ill.; and Corpus Christi, Texas; three fully owned and six jointly owned pipelines covering approximately 450 miles; 42 active terminals across 21 states; and three Lubricants plants in Oklahoma City, Okla.; Atlanta, Ga. and Cicero, Ill. Our gasoline, jet fuel, diesel, petrochemicals and industrial products fuel industry needed to mobilize the U.S. economy. Business activities also extend to pipelines, terminals and stores though we maintain limited control therein and therefore, do not include their activities within our ESG disclosure efforts.																																																																																																					
			<table><tr><th colspan="12">Total Refinery Production (MBPD)</th></tr><tr><td></td><td colspan="2">2019</td><td colspan="2">2020</td><td colspan="2">2021</td><td colspan="2">2022</td><td colspan="2">2023</td></tr><tr><td>Rated Crude Oil Refining Capacity at Year End</td><td colspan="2">769</td><td colspan="2">769</td><td colspan="2">769</td><td colspan="2">769</td><td colspan="2">807</td></tr></table>	Total Refinery Production (MBPD)													2019		2020		2021		2022		2023		Rated Crude Oil Refining Capacity at Year End	769		769		769		769		807																																																																				
			Total Refinery Production (MBPD)																																																																																																					
				2019		2020		2021		2022		2023																																																																																												
			Rated Crude Oil Refining Capacity at Year End	769		769		769		769		807																																																																																												
			<table><tr><th colspan="12">Refinery Input</th></tr><tr><td>Crude Oil</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Heavy</td><td>263</td><td>39%</td><td>228</td><td>41%</td><td>146</td><td>22%</td><td>196</td><td>26%</td><td>220</td><td>29%</td></tr><tr><td>Light Sour</td><td>164</td><td>24%</td><td>86</td><td>16%</td><td>33</td><td>5%</td><td>34</td><td>5%</td><td>25</td><td>3%</td></tr><tr><td>Light Sweet</td><td>261</td><td>38%</td><td>240</td><td>43%</td><td>492</td><td>73%</td><td>518</td><td>69%</td><td>509</td><td>68%</td></tr><tr><td>Total Crude Oil</td><td>668</td><td>100%</td><td>554</td><td>100%</td><td>671</td><td>100%</td><td>748</td><td>100%</td><td>754</td><td>100%</td></tr><tr><td>Other Feedstocks</td><td>112</td><td></td><td>84</td><td></td><td>59</td><td></td><td>63</td><td></td><td>56</td><td></td></tr><tr><td>Total</td><td>800</td><td></td><td>638</td><td></td><td>730</td><td></td><td>811</td><td></td><td>810</td><td></td></tr></table>	Refinery Input												Crude Oil												Heavy	263	39%	228	41%	146	22%	196	26%	220	29%	Light Sour	164	24%	86	16%	33	5%	34	5%	25	3%	Light Sweet	261	38%	240	43%	492	73%	518	69%	509	68%	Total Crude Oil	668	100%	554	100%	671	100%	748	100%	754	100%	Other Feedstocks	112		84		59		63		56		Total	800		638		730		811		810												
			Refinery Input																																																																																																					
			Crude Oil																																																																																																					
			Heavy	263	39%	228	41%	146	22%	196	26%	220	29%																																																																																											
			Light Sour	164	24%	86	16%	33	5%	34	5%	25	3%																																																																																											
			Light Sweet	261	38%	240	43%	492	73%	518	69%	509	68%																																																																																											
			Total Crude Oil	668	100%	554	100%	671	100%	748	100%	754	100%																																																																																											
			Other Feedstocks	112		84		59		63		56																																																																																												
			Total	800		638		730		811		810																																																																																												
			<table><tr><th colspan="12">Product Yield</th></tr><tr><td>Light Fields</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Gasoline</td><td>369</td><td>46%</td><td>295</td><td>46%</td><td>356</td><td>49%</td><td>385</td><td>48%</td><td>385</td><td>48%</td></tr><tr><td>Jet Fuel</td><td>65</td><td>8%</td><td>23</td><td>4%</td><td>43</td><td>6%</td><td>57</td><td>7%</td><td>53</td><td>6%</td></tr><tr><td>Diesel/#2 Fuel</td><td>241</td><td>30%</td><td>217</td><td>34%</td><td>227</td><td>31%</td><td>258</td><td>32%</td><td>257</td><td>32%</td></tr><tr><td>Petrochemicals</td><td>51</td><td>7%</td><td>42</td><td>7%</td><td>53</td><td>7%</td><td>47</td><td>6%</td><td>46</td><td>6%</td></tr><tr><td>Industrial Products</td><td>74</td><td>9%</td><td>61</td><td>9%</td><td>49</td><td>7%</td><td>60</td><td>7%</td><td>68</td><td>8%</td></tr><tr><td>Total</td><td>800</td><td>100%</td><td>638</td><td>100%</td><td>728</td><td>100%</td><td>807</td><td>100%</td><td>809</td><td>100%</td></tr><tr><td>Utilization of Rated Crude Oil Refining Capacity</td><td colspan="2">89%</td><td colspan="2">72%</td><td colspan="2">87%</td><td colspan="2">97%</td><td colspan="2">93%</td></tr></table>	Product Yield												Light Fields												Gasoline	369	46%	295	46%	356	49%	385	48%	385	48%	Jet Fuel	65	8%	23	4%	43	6%	57	7%	53	6%	Diesel/#2 Fuel	241	30%	217	34%	227	31%	258	32%	257	32%	Petrochemicals	51	7%	42	7%	53	7%	47	6%	46	6%	Industrial Products	74	9%	61	9%	49	7%	60	7%	68	8%	Total	800	100%	638	100%	728	100%	807	100%	809	100%	Utilization of Rated Crude Oil Refining Capacity	89%		72%		87%		97%		93%	
			Product Yield																																																																																																					
			Light Fields																																																																																																					
			Gasoline	369	46%	295	46%	356	49%	385	48%	385	48%																																																																																											
			Jet Fuel	65	8%	23	4%	43	6%	57	7%	53	6%																																																																																											
			Diesel/#2 Fuel	241	30%	217	34%	227	31%	258	32%	257	32%																																																																																											
Petrochemicals	51	7%	42	7%	53	7%	47	6%	46	6%																																																																																														
Industrial Products	74	9%	61	9%	49	7%	60	7%	68	8%																																																																																														
Total	800	100%	638	100%	728	100%	807	100%	809	100%																																																																																														
Utilization of Rated Crude Oil Refining Capacity	89%		72%		87%		97%		93%																																																																																															
102-3	Location of headquarters		Houston, Texas - U.S.A.																																																																																																					
102-4	Location of operations		CITGO assets [https://www.CITGO.com/operations/terminals-pipelines] and stores [https://www.CITGO.com/station-locator] can be found via separate site pages.																																																																																																					
102-5	Ownership and legal form		CITGO Holding, Inc., a Delaware corporation. CITGO is a wholly owned subsidiary of CITGO Holding, Inc.																																																																																																					



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions
102-6	Markets served		CITGO serves markets that benefit from our products and services across an extensive value chain in the United States. -Midstream Production: Transportation (marine and land) and Terminals (storage and pipelines); -Downstream Production (refining, petrochemicals, and transportation fuel, such as gasoline, diesel, ethanol blending and jet fuel); and -Commercial Activity (wholesale marketing, retailing of transport fuels, crude oil and gas trading)
102-7	Scale of the organization		The scale of our organization is detailed within our most recent Annual Report at: https://www.CITGO.com/stakeholders
102-8	Information on employees and other workers		CITGO employees: 3,618, Contractors: 5,168
102-9	Supply chain		Crude oil supplies come from a wide variety of North American and foreign crudes that can be run through our complex refineries. CITGO products have access to market through pipeline, barge and ship in addition to rail and truck transportation options. Certain support is dependent on third-party vendors and partnerships such as for hydrogen and electricity and certain feedstocks.
102-10	Significant changes to the organization and its supply chain		No significant changes associated with acquisitions, divestitures or support for go-to-market services were made in 2023.
102-11	Precautionary Principle or approach		CITGO utilizes risk management tools typical for the industry for enterprise risk identification and management as well as for area-specific risks like HSE risk management. CITGO routinely evaluates the potential risks of process and organizational changes for safety and environmental activities. Additionally, Corporate HSE Policy establishes multi-year performance improvement goals to further support continuously improving and minimize risks and adverse impacts.
102-12	External initiatives		Community engagement efforts highlighted throughout our report speak to external initiatives we are committed to. Stakeholders are also invited to learn more at: https://www.CITGO.com/responsibility/community-involvement
102-13	Membership of associations		As an organization deeply rooted in the communities where we operate, our teams are involved in several organizations at the local level and national level. For a full list of memberships in associations, refer to: https://www.CITGO.com/responsibility/community-involvement#memberships
102-14	Statement from senior decision-maker		See a Message From our CEO on page 3.
102-16	Values, principles, standards, and norms of behavior		Though our values are discussed throughout the report, readers are advised to reference our website for more at: https://www.CITGO.com/about/who-we-are/vision-values
102-18	Governance structure		Our leadership and governance profiles can be found at: https://www.CITGO.com/about/leadership-governance
102-40	List of stakeholder groups		Stakeholder groups listed in our report are limited to those that we closely interact with on a daily basis, those who we depend on to drive value to the marketplace and the future of our profession. As we continue to build out our platform for active ESG engagement, we will find ways to strengthen efforts towards enhancing our reporting strategy.
102-41	Collective bargaining agreements		See disclosures 403-1 and 403-4 for more information.
102-42	Identifying and selecting stakeholders		Internal subject matter experts active in our ESG efforts, worked to identify and select key stakeholder groups for which we interact with on a daily basis and who could inspire our materiality assessment.
102-43	Approach to stakeholder engagement		Our approach to stakeholder engagement is focused on 1) passive engagement led through desktop research and due diligence which allows us to stay abreast of industry trends and 2) active engagement carried out throughout the year and through various functions in order to maintain a pulse on issues impacting our management controls.



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions
102-44	Key topics and concerns raised		Key topics and concerns raised throughout our ongoing stakeholder engagement efforts have informed the issues disclosed within our report. By addressing progress in the areas of regulatory compliance, air emissions, occupational health and process safety, energy use intensity, community engagement, and effluents, waste and recycling, we are able to strengthen critical communication with our stakeholders.
102-45	Entities included in the consolidated financial statements		Financial highlights accounted for our overall operational footprint can be found in our most recent Annual Report at: https://www.CITGO.com/stakeholders
102-46	Defining report content and topic Boundaries		Our ESG reporting efforts highlight 2023 calendar year activities at our headquarters and refineries. However, each metric accounts for different variations depending on how data is tracked in our organization. Specifics are provided herein within the Content Index.
102-47	List of material topics		See disclosure 102-44
102-48	Restatements of information		A few restatements are listed within health and safety data sets. Items found within parenthesis are figures listed in the last report. Both numbers are left in the tables to demonstrate restatements. Changes are immaterial.
102-49	Changes in reporting		Within this year's reporting effort, we have included boundary detail within the Content Index in order to bring clarity to what is accounted for within each metric.
102-50	Reporting period		2023 Calendar Year
102-51	Date of most recent report		2022 Calendar Year ESG Report
102-52	Reporting cycle		Calendar Year
102-53	Contact point for questions regarding the report		info@CITGO.com
102-54	Claims of reporting in accordance with the GRI Standards		Our CY2023 ESG Report is in accordance with the GRI Standards core-level reporting guidance.
102-55	GRI Content Index		Herein
102-56	External Assurance		Financial statement audits are conducted by KPMG. Internal quality controls are also applied to environmental, health and safety data as information is also reported to regulatory agencies. We completed our internal control enhancements and they were implemented, as planned, earlier this year. This company-wide initiative included formalizing key controls related to our financial reporting processes, training our employees on those controls, and implementing an annual control testing framework in service of further developing and refining our internal control environment.
103-1	Explanation of the material topic and its Boundary		The level and depth of disclosure on management approach are dependent on the current systems and processes deployed to manage performance data within, and outside, the organization.
103-2	The management approach and its components		
103-3	Evaluation of the management approach		



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions						
201-1	Direct economic value generated and distributed	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Economic Value (in millions of U.S. dollars)		2019	2020	2021	2022	2023
			Net sales		25,567	14,673	27,367	45,353	37,485
			Other revenue		25	17	18	21	16
			Subtotal		25,592	14,690	27,385	45,373	37,501
			Cost of sales and operating expenses		24,171	14,946	26,564	40,655	33,917
			Other expenses		1,097	893	1,031	1,130	953
			Subtotal		25,268	15,839	27,595	41,785	34,870
			(Loss) Income before Income Taxes		324	-1,149	-210	3,588	2,631
			Income tax (benefit expense)		78	-482	-50	774	593
			Net (Loss) Income		246	-667	-160	2,814	2,038
			Additional financial highlights accounted for our overall operational footprint can be found in our most recent Annual Report at: https://www.CITGO.com/stakeholders						
202-2	Proportion of senior management hired from the local community	D: Refineries	Refinery	2019	2020	2021	2022	2023	
			Lake Charles	67%	70%	70%	70%	70%	
			Lemont	70%	100%	90%	90%	80%	
			Corpus Christi	78%	80%	70%	70%	70%	
			NOTE: The data is for management positions at the refineries.						
CITGO staffing philosophy for senior management is to provide employees with training and development so that they are prepared for the opportunity to take on higher level positions once they have sufficient experience and qualifications.									
203-1	Infrastructure investments and services supported	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Location	Amount (\$)	Recipients		Projects		
			Companywide	1,096,320	• Muscular Dystrophy Association (MDA) • Catholic Charities USA • San Antonio Area Foundation • Restore America's Estuaries		• In support of MDA's mission • Migrant assistance • Scholarships • Coastal area restoration		
			Lake Charles	300,000	United Way of Southwest Louisiana		Disaster relief and prevention		
			Lemont	550,000	• Village of Romeoville • United Way of Will County		• Bicycle-pedestrian trail • In support of United Way's mission		
			Corpus Christi	100,000	United Way of the Coastal Bend		In support of United Way's mission		
			Houston	100,000	St. Bernard Project Inc.		Solar panels for sustainable housing unit		
			Florida	100,000	St. Bernard Project Inc.		Hurricane Idalia Relief		
Note: Donations listed are a sample of the Company's total community investment and giving.									
203-2	Significant indirect economic impacts	M: Terminals & Pipelines D: Refineries & Lubricant C: Corporate (However, Indirect Economic Impact tab only mentions Refineries & Corporate)	Economic Value (in millions of U.S. dollars)		2019	2020	2021	2022	2023
			Payments to Charitable Organizations		12.38	11.27	5.49	11.6	13.6
			Payments are made regardless of whether they are accruals from other budget years or long-term accruals. Figures also include CITGO donations to the Simón Bolívar Foundation. Volunteerism values are provided by a credible external source that informs value per working hour as a standard calculation.						
207-1	Approach to tax governance and management	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Additional financial highlights accounted for our overall operational footprint can be found in our most recent Annual Report at: https://www.CITGO.com/stakeholders						



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions						
302-1	Energy consumption within the organization	D: Refineries	Energy Consumption (MMBtus)						
			2019	2020	2021	2022	2023		
			151,818,710	127,177,428	140,571,278	147,244,352	149,599,835		
302-3	Energy intensity	D: Refineries	Energy Use Intensity at Refineries (Thousand BTUs per Barrel of Throughput)						
			2019	2020	2021	2022	2023		
			501	525	510	467	474		
303-1	Water withdrawal by source	D: Refineries	Aggregate Water Use in Million Cubic Meters (million m3)						
			Refinery Level		2019	2020	2021	2022	2023
			Lake Charles		25.5	20.9	23.6	25.4	23.6
			Corpus Christi		5.7	6.3	5.8	6.2	6.6
			Lemont		9.8	10	11.3	11	11.5
			Total		41	37.2	40.7	42.6	41.7
			Water consumed at our facilities stems from a combination of municipal for potable water use, and natural sources in proximity to our refineries. With respect to protecting waterways, we are committed to treating water before it exits our facilities. Similarly, we have robust processes in place to protect adjacent waterways and wetlands surrounding our facilities through testing, metering and tracking water use prior to discharge. Water consumption at headquarters, lubricant plants, terminals and pipelines are not reported as that consumption represents a de minimis factor in comparison to our overall footprint.						
304-3	Habitats protected or restored	Refer to the other non-specific disclosures	Efforts to protect, manage and restore are mandated at the enterprise level and executed by each individual site. Examples of CITGO diligence, including giving, engagement, and partnerships towards preservation and restoration for biodiversity integrity, are located within the social section of the report as case studies.						
305-1	Direct (Scope 1) GHG emissions	D: Refineries			2019	2020	2021	2022	2023
			Total Scope 1 Emissions Figures						
			GHG Scope 1 (Million Metric Tons CO2e)		8.2	6.6	7.3	7.6	7.9
			Intensity Figures						
			GHG Scope 1 (Metric Tons CO2e/1000 bbl)		26.9	27.3	26.5	24.2	25
			Throughput						
			Gross Throughput (MMBbl)		303.8	242.4	276.8	315.1	317
Emissions factors used are established by the EPA.									
305-2	Energy indirect (Scope 2) GHG emissions	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	CO2e (Metric Tons)		2019	2020	2021	2022	2023
			GHG Scope 1		9,111,983	7,361,325	8,264,144	8,461,951	7,952,974
			GHG Scope 2		1,520,466	1,336,770	1,423,436	1,359,214	1,513,191
305-3	GHG intensity	D: Refineries	Our intensity figures are associated with throughput and barrels of production.						



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions							
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	D: Refineries	Air Pollutants	2017	2018	2019	2020	2021	2022	2023
			VOC (US tons)	3,414	2,096	2,140	2,242	2,172	2,179	2,100
			NO _x (US tons)	5,175	5,177	5,181	4,119	4,586	4,849	4,939
			CO (US tons)	2,565	2,548	2,869	2,002	2,172	2,426	2,718
			SO ₂ (US tons)	1,127	1,054	1,083	469	450	487	617
			PM ₁₀ (US tons)	868	921	886	776	846	819	803
			PM _{2.5} (US tons)	683	870	684	570	663	630	607
			HAPs (US tons)	592	567	522	501	489	490	504
			Total Air Emissions VOC, NO _x , CO, SO ₂ & PM ₁₀ (US tons)	13,149	11,797	12,159	9,608	10,226	10,761	11,177
			Total Air Emissions VOC, NO _x , CO, SO ₂ & PM ₁₀ (Metric Tons)	11,929	10,702	11,030	8,716	9,277	9,762	10,140
			Combined Air Emissions VOC, NO _x , CO, SO ₂ & PM ₁₀ (Metric Tons/Million barrels)	39.5	33.5	36.3	36.0	33.5	31.0	32.0
			Total Criteria Air Pollutants - NO _x , CO, SO ₂ , PM ₁₀ , Lead (US tons)	9,735	9,701	10,019	7,366	8,055	8,581	9,077
			In 2023, none of the events resulting in environmental non-compliance with environmental laws and regulations met the significance disclosure criteria.							
306-2	Waste by type and disposal method	D: Refineries	Both hazardous and non-hazardous waste are tracked by site at CITGO per regulatory compliance mechanisms. Hazardous waste totals, as reported in the annual RCRA hazardous waste reports, are manifested and disposed of offsite.							
307-1	Non-compliance with environmental laws and regulations	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	In 2023, none of the events resulting in environmental non-compliance with environmental laws and regulations met the significance disclosure criteria.							
401-1	New employee hires and turnover	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Company Hires and Turnover Rate							
				EOY 2021		EOY 2022		EOY 2023		
			Hires	295		430		436		
			Turnover Rate	9%		9%		7%		
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	For more about CITGO employment benefits, refer to: https://www.CITGO.com/careers/work-at-CITGO/work-at-CITGO							
403-1	Workers represented in formal joint management-worker health and safety committees	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	All employees, both represented and non-represented, are encouraged to take an active role in enhancing the overall health and safety of our workplaces. Labor agreements at all locations call for representatives from bargaining units to participate in union/management safety leadership and awareness committees, which results in quality investigations, program planning, employee input and oversight of all safety programs.							



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions					
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	CITGO Health and Safety (H&S) data related to TRIR and DART and CITGO Tier 1 and 2 Process Safety Event Rates includes all Organization (refineries, lubes, terminals & pipelines and corporate headquarters). Industry H&S data related to TRIR and DART does not include lubes, terminals & pipelines and corporate headquarters. CITGO only reports refinery related H&S data to AFPM.	Safety Aspect	2019	2020	2021	2022	2023
			Total Recordable Incident Rate (TRIR)					
			Industry Employees (refining only)	0.37	0.53	0.39	0.38	0.35
			Industry Contractors (refining only)	0.30	0.20	0.26	0.20	0.27
			CITGO Employees	0.40	0.22	0.20	0.39	0.31
			CITGO Contractors	0.26	0.14	0.13	0.08	0.39
			Total Employees and Contractors* *Rates are based on number of incidents multiplied by 200,000 divided by total working hours.	0.32	0.17	0.16	0.21	0.36
			Days Away, Restricted or Transfer (DART) Rate					
			Industry Employees (refining only)	0.23	0.23	0.37	0.26	0.20
			Industry Contractors (refining only)	0.09	0.10	0.07	0.10	0.09
			CITGO Employees	0.13	0.16	0.11	0.11	0.08
			CITGO Contractors	0.05	0.04	0.07	0.08	0.07
			Total Employees and Contractors* *Rates are based on number of incidents multiplied by 200,000 divided by total working hours.	0.09	0.09	0.09	0.09	0.07
			Tier 1 Process Safety Event Rates	0.09	0.07	0.04	0.11	0.04
			Tier 2 Process Safety Event Rates	0.18	0.08	0.12	0.09	0.05
			CITGO H&S data related to TRIR and DART includes all Organization (refineries, lubes, terminals & pipelines and corporate headquarters). Industry H&S data related to TRIR and DART does not include lubes, terminals & pipelines and corporate headquarters. CITGO only reports Refineries related H&S data to AFPM. AFPM includes refineries and chemical plants in its industry data. CITGO Tier 1 and 2 Process Safety Event Rates includes all Organization (refineries, lubes, terminals & pipelines and corporate headquarters). AFPM Industry Tier 1 and 2 Process Safety Event Rates does not include lubes, terminals & pipelines and corporate headquarters. CITGO only reports refinery related Process Safety Event Rate data to AFPM. AFPM includes refineries and chemical plants in its industry data. To provide year-over-year comparable safety data, 2020 TRIR and DART rates above do not include COVID-19 cases.					
403-3	Workers with high incidence or high risk of diseases related to their occupation	M: Terminals & Pipelines D: Refineries & Lubricants	Workers with the highest exposure to Incidents and associated risks are those at the Industrial work sites (Refineries, Lubricants Plants and Terminals), whether employees or contractors.					



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions					
403-4	Health and safety topics covered in formal agreements with trade unions	M: Terminals & Pipelines D: Refineries & Lubricants	All employees, both represented and non-represented, are encouraged to take an active role in enhancing the overall health and safety of our workplaces. Labor agreements at all locations call for representatives from bargaining units to participate in union/management safety leadership and awareness committees, which results in quality investigations, program planning, employee input and oversight of all safety programs.					
404-1	Average hours of training per year per employee	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Average Hours of Training Per Year					
				2019	2020	2021	2022	2023
			Participant Hours	198,866	97,363	202,632	184,670	244,612
			Total Cost (\$)	1,500,00	82,021	768,833	1,459,020	1,832,286
			In 2023, CITGO launched its Fueling Good Leaders program. This program is designed to equip those who supervise one or more people with skills to lead a high performing team that aligns with the Company's culture and values. The program involves in-person training, reinforcement training online, and coaching. 95% of the 550 participants have completed the initial training.					
404-2	Programs for upgrading employee skills and transition assistance programs	Same as 404-1	Our educational assistance program supports employees' ambitions to transition to other positions, and even, external opportunities. The program covers a portion of our employees' college degrees.					
404-3	Percentage of employees receiving regular performance and career development reviews	Same as 404-1	Our salaried employees receive regular performance reviews. Hourly operators are evaluated for compliance with performing duties of their roles on a regular basis.					
405-1	Diversity of governance bodies and employees	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Female and Minority Employees Compared to Total Number of Employees					
				2019	2020	2021	2022	2023
			Female	21 %	21 %	20 %	19 %	19 %
			Minority	30 %	30 %	31 %	31 %	32 %
			Total Employees	3,501	3,331	3,314	3,434	3,618
413-1	Operations with local community engagement, impact assessments, and development programs	D: Refineries, C: Corporate (However, Indirect Economic Impact tab only provide details by Refineries. Also SB Foundation donation is included)	Economic Value (Enterprise Level - Total)	2019	2020	2021	2022	2023
			Community Investments (\$)	12,380,927	11,275,046	5,499,737	11,612,452	13,640,505



GRI Standards Disclosure Item (ID)	GRI Standards (Disclosure Title)	Reporting Boundaries: Midstream Production Downstream Production Commercial Activity	CY2023 - Additional Detail/Omissions					
413-2	Operations with significant actual and potential negative impacts on local communities	Same as 413-1	Value of Volunteerism (Hours/Costs)	3,907 hours	1,398 hours	1,657 hours	4,087 hours	6,619 hours
			Site Level Detail					
			Lake Charles					
			Community Investments (\$)	451,708	1,015,437	839,712	1,643,820	983,550
			Value of Volunteerism (Hours/Costs)	861 hours	173 hours	515 hours	784 hours	1,493 hours
			Lemont					
			Community Investments (\$)	252,515	620,500	527,894	548,500	1,067,000
			Value of Volunteerism (Hours/Costs)	880 hours	544 hours	295 hours	1,486 hours	2,213 hours
			Corpus Christi					
			Community Investments (\$)	566,650	958,500	861,100	1,814,623	808,000
			Value of Volunteerism (Hours/Costs)	352 hours	184 hours	225 hours	542 hours	663 hours
			Houston					
			Community Investments (\$)	154,650	2,711,500	645,500	750,000	1,347,177
			Value of Volunteerism (Hours/Costs)	1,609 hours	484 hours	587 hours	1,194 hours	2,096 hours
			Currently, there are no formal impact assessments conducted across the CITGO organization. Being that CITGO employees are deeply rooted in their communities, we encourage them to identify organizations and causes in need. By fostering regular engagement, our team is able to respond to community needs in a cooperative way. The Simon Bolivar Foundation is aimed at benefiting the health needs of its ultimate stakeholder, Venezuelans mothers and children, in and out of the country. In 2022 SBF engaged two studies to researchers, to map the health needs in Venezuela and in Latin America, where the larger number of migrants from Venezuela move to, to define how SBF could be more effective with the allocation of SBF resources.					
415-1	Political contributions	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	As expressly prohibited by company policy, there were no political contributions in 2023.					
418-1	Substantial complaints concerning breaches of customer privacy and losses of customer data	M: Terminals & Pipelines D: Refineries & Lubricants C: Corporate	Total number of substantiated complaints received concerning breaches of customer privacy, categorized by:		2020	2021	2022	2023
			Complaints received from outside parties and substantiated by the organization		0	0	0	0
			Complaints from regulatory bodies		0	0	0	0
			Total number of leaks, thefts, or loss of customer data		0	0	0	0
			If the organization has not identified any substantiated complaints, a brief statement is sufficient		0	0	0	0
			From an information Security perspective, the department has not received any outside complaints concerning breaches of customer privacy, or detected any leak, thefts, or loss customer data during these timeframes.					



©2023 CITGO Petroleum Corporation

CITGO, as well as the CITGO logo, trade name and trade dress, and all related marks are registered trademarks of CITGO Petroleum Corporation.

CIT-12225