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Board-level	Governance Committee
committee	The Board of Directors oversees the execution of the Company's enterprise risk management (ERM) framework with assistance provided by Board committees. The Governance Committee oversees the management of risks related to issues of environmental and



Scheduled - all meetings	Reviewing and guiding annual budgets Overseeing major capital expenditures Overseeing acquisitions,	Centene's governance structure and its oversight of climate-related risks and opportunities plays a critical role in ensuring the Company's continued fulfilment of its mission and its future success. In fulfilling our commitment to delivering high-quality health services to at-risk populations, we recognize that some of our members and their families are particularly vulnerable to experiencing the most harmful impacts of climate change. Our corporate, local health plan and business unit	
	nergers, and divestitures Reviewing and guiding strategy Overseeing and guiding scenario analysis Overseeing and guiding public policy engagement Reviewing and guiding the risk management process	leadership are engaged in discussions to closely monitor climate-related risks and their potential impact on the members we serve. We are continually assessing climate-related risks across the geographies we serve. Centene's Board of Directors (the Board), through its various Board committees, fosters sound risk management oversight and effective corporate governance to ensure the Company creates sustainable long-term value for stakeholders. The Company's structure, policies and procedures support the Board's commitment to effective governance, transparency and accountability. The Board oversees the execution of the Company's ERM framework with assistance provided by Board committees. The G overnance C ommittee of the Board oversees the management of risks related to issues of environmental and social importance and makes recommendations to the Board regarding our company's position on key public policy issues relating to environmental	
t	an um	and social responsibility. The Audit and Compliance Committee oversees the Company's SUSTAINABISO o <sup>ob°</sup> M <sup>b°</sup> uv <sup>q</sup> msimto d sa <sup>, 1</sup> sa q <sup>m</sup> d um um <sup>nC</sup>	2 pr



Row 1	No, and we do not plan to address this within the next two years	Important but not an immediate priority	Centene has assessed potential risks and opportunities posed by climate change to our organization and stakeholders. For climate-related issues facing the organization, we have determined that those with the potential to have a material impact are either not likely in the near-term, or the near term effects are sufficiently mitigated. We believe our current board members can provide oversight of these types of risks and their mitigations. For example, our current board members have the competence to provide oversight of actuarial soundness of pricing in response to the risk of increased medical costs caused by climate change, and diversification of investments both in type and duration in response to the risk of carbon impacts on our portfolio. Therefore, we do not have plans to add board members with competence on climate-related issues in the near term.





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Managing public policy engagement that may impact the climate Managing value chain engagement on climate-related issues Assessing climate-related risks and opportunities Managing climate-related risks and opportunities

Not applicable

CEO reporting line

Quarterly

The Enterprise Risk Committee (ERC) is a cross-funinrM-

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Short- term	0	1	Estimating a time horizon for Centene's climate-related issues is challenging. Regardless of industry, climate forecasting requires looking far into the future and the resulting effects are difficult to predict As a multi-national healthcare enterprise focused on services to government-sponsored or subsidized healthcare programs, we need to consider all our stakeholders—members, direct-care consumers, providers, government partners, employees and shareholders—as we consider our risks and opportunities, and our ability to manage them. The time horizon of our climate-related issues may be impacted by broader business risks such as strategic, operational, legal, pricing/underwriting, reserving, reputational, credd—



Long-	5	10	Estimating a time horizon for Centene's climate-related issues is challenging. Regardless of industry, climate forecasting
term			



Integrated into multi-disciplinary company-wide risk management process

More than once a year

Short-term Medium-term Long-term

## IDENTIFYING AND ASSESSING CLIMATE-RELATED RISKS

Centene's ERM risk identification and assessment process is reflective of both a top-down and bottom-up approach. On a quarterly basis, enterprise-wide and business unit risks are identified and assessed with the assistance of the Company's Risk Champions. These are senior executives and other leaders from across all significant functional business areas of the Company who have been charged with working with their teams to identify and communicate risks to objectives and provide risk oversight and monitoring duties at the corporate and/or business unit levels. As a function of this process, Centene maintains a risk register to document the various risks faced by the Company, including descriptions of the impact, mitigation actions and risk owners. All identified significant enterprise risks, including those that have climate change as a driver, are captured within the enterprise risk register.

The ERM team also monitors emerging risks and opportunities and prepares a quarterly report submitted to the Enterprise Risk Committee and the Board. The emerging risk and opportunities report captures a variety of risk information. Through coordination with the environmental, social and governance (ESG) Champions, Climate Change Task Force (CCTF) and Sustainability/ESG team (Sustainability team) the ERM team captures environmental and climate-related risks.

The Company formed a cross-functional stakeholder group called the CCTF at the end of 2020 to facilitate the identification of potential climaterelated risks and opportunities and engaged an external consultant to provide overall guidance. The first significant step in the process was to conduct a climate risk identification workshop. The identification of Centene's climate-related risks and opportunities required the Company to determine how climate drives exposures which, in turn, drive certain health outcomes. The CCTF discussed the climate drivers, exposure



pathways and health outcomes identified by the participants in the workshop to educate and inform on the linkages between climate and



certain viruses and airborne allergens and pollutants, leading to increased respiratory illnesses such as chronic obstructive pulmonary disease and asthma. All significant enterprise risks, including those that have climate change as a driver, are highlighted in the quarterly ERM report that is presented to the ERC and the Board of Directors for review and monitoring. Centene has identified climate-related risks as part of its ERM process and modelled internal and external impacts from environmental risks within its annual Own Risk and Solvency Assessment (ORSA) since 2016.

Through its frequent communications with management, the ERM team maintains a listing of all risks posed to the organization. The enterprisewide risk register is comprised of the most significant risks rated by impact and likelihood. Each of these risks is associated with the most senior leader responsible and maintained in our enterprise governance, risk and compliance application.

Centene intends to continue the assessment approach described here to periodically update climate-related risks and opportunities. As a result of the initial climate risk workshops we conducted, we added a new risk to specifically address climate change in the enterprise risk register. Additionally, functional areas across the organization individually assess and manage the various elements of climate risk. For example, Operations will assess and manage the risk of extreme weather events disrupting member services and Finance will assess and manage the risk of climate change on the value of our investments. This approach enables full integration of climate risks and opportunities into the overall risk management process, as well as singular ownership and accountability at the functional level by Risk and Compliance

Current Relevant, regulation always included	Risks and opportunities driven by climate change are becoming increasingly important to our strategy-setting process. As part of our efforts to understand how various climate risk drivers might impact Centene, we considered the TCFD's classification of risks and opportunities: (1) risks and opportunities related to the transition to a lower-carbon economy and (2) risks and opportunities related to the physical impacts of climate c

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		<ul> <li>Transitioning to a lower-carbon economy may entail extensive policy, legal, technology and market changes as governments, businesses and society seek to prevent the worst impacts of climate change.</li> <li>Proposed SEC rules on climate disclosure in the U.S., as well as already enacted disclosure regulations in the UK, were included in our 2023 climate risk analysis.</li> </ul>
E merging regulation	Relevant, always included	We considered the following excerpt from TCFD to help us consider risks relevant to our organization: Transitioning to a lower-carbon economy may entail extensive policy, legal, technology and market changes as governments, businesses and society seek to prevent the worst impacts of climate change.

In addition to the above, our first Climate Risk Workshop included the CCTF discussing emerging climate risks and opportunities.







		downgrades from ratings agencies and therefore not be purchased by Centene. Our Treasury team has engaged with the portfolio manager to better understand the state of our investments and exposure to climate risks.
Reputation	Relevant, always included	We considered the following excerpt from TCFD to help us decide to include the following risks relevant to our organization: Transitioning to a lower-carbon economy may entail extensive policy, legal, technology and market changes as governments, businesses and society seek to prevent the worst impacts of climate change. Depending on the nature, speed and focus of these changes, transition activities may pose varying levels of financial and reputational risk to organizations.
		Example of a specific risk considered in our assessment Risk of inadequate climate action impacting our reputation. Stakeholders (for example, investors, governments, business partners, employees, etc.) may consider Centene's response to climate or extreme environmental events inadequate, which could result in reputational risks as well as exposure to litigation risks and concerns. Further, state and federal government partners with whom we do business could implement requirements around climate-related action as part of our contractual obligations with them, creating compliance challenges. Several of Centene's largest shareholders have publicly stated increased expectations for investees to disclose on their assessment of risks related to climate change and corresponding climate action and mitigation plans.
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We have not formally estimated the financial impact of this risk, but as it relates to liquidity concerns, we do conduct quantitative assessments of this risk as part of our Own Risk and Solvency Assessment (ORSA), among other internally performed assessments.

Centene's risk management and other processes capture environmental risks such as viral and vector-borne illnesses and new flu strains when relevant. Centene's experience with COVID-19 provides a recent example of how risks are escalated through the Company and mitigations are designed and implemented. As the COVID-19 pandemic developed in the 1st guarter of 2020, Centene enacted COVID-19 pandemic preparedness and response plans throughout the enterprise. Each individual health plan augmented its internal capabilities by leveraging the resources of the entire Centene enterprise. A team of Business Continuity Champions was engaged to daily track updates, review requirements and implement changes as necessary to ensure operational continuity. Centene maintains open communication channels with local government health departments and local providers to detect any significant increases in vector-borne diseases. Poverty, food insecurity, housing instability, education, employment, access to transportation and other circumstances contribute to health disparities among underserved and vulnerable populations. Centene's external partnerships and nationwide initiatives are designed to address these challenges, which can improve our members' ability to deal with gradual air quality degradation and rising temperatures. One such example where Centene seeks to address negative health impacts is through Community Impact Councils (CICs), which are a collaborative assembly of community and civic leaders representing a broad spectrum of stakeholders including local social service agencies, advocacy groups, faith-based organizations, public representatives, managed care organizations and service providers. CICs were designed to use data to identify community level drivers of health and identify ways to improve community outcomes. We anticipate these councils could identify potential climate-related health and social issues arising in communities and be a forum through which ideas and strategies are formed to best mitigate them. At the same time, CICs determine priorities most important to the community, and as Centene represents one stakeholder amidst several we cannot necessarily create or mandate a climate-related project.



Risk 2



No, we do not have this figure

Not applicable

Not applicable

Not applicable

We have xind the financial impact of this risk, but as it relates to mar i mi mi idq fi f atd s





We have presented the likelihood and impact ratings under a low mitigation scenario below.

Long-term





We have not formally estimated the financial impact of this risk, but as it relates to market risk concerns, we do conduct quantitative assessments of this risk as part of our Own Risk and Solvency Assessment (ORSA), among other internally performed assessments.





Not applicable

Not applicable

We have not formally estimated the financial impact of this risk.

Centene aims to build resiliency into all aspects of its business plan. After a severe weather event, our business continuity plans can be activated to allow our team members to continue serving our members and help address critical needs. For example, the Health Net team in California provides special assistance to ensure its members affected by wildfires have access to essential prescription medications, healthcare provider information and other healthcare services.



Yes

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Not applicable

We have not formally estimated the financial impact of this opportunity.

Centene will continue to fund transportation initiatives, educate providers on climate and related health impacts and explore the other opportunities mentioned here.

COVID-19 had a profound effect on both business operations and the provision of health services to members. In response, Centene partnered with telehealth vendors, built up broadband in rural communities and committed millions in grants to expand the telehealth capacities of our health provider partners. Post-pandemic, Centene hQ d tural r oftte th - M m I



No, we do not have this figure

Not applicable

Notapplicable

Not applicable

We have not formally estimated the financial impact of this opportunity.

Centene helps communities enhance capacity for programs that improve access to fresh foods. One example is our partnership with Feeding America and the *FI I d fl f TI damal d FI I d fl f TI I ffl k* resource development initiative. This program equips network food banks and Centene health plans with best practice guidelines for meeting the needs of individuals experiencing food insecurity, including screening individuals for food insecurity, and connecting them with access to medically and culturally relevant food to improve nutrition and health outcomes.



Centene has partnered with organizations in several locations to support community gardens and establish agriculture and nutrition education programs for youth and their families. Community residents have opportunities to plant and produce their own nutritious foods while also benefiting the environment. One example of this is providing funding to the City of Sacramento to finish community gardens at a housing development and surrounding community to actively address climate change, which also increases local & sustainable food sourcing to improve food security & related health outcomes. Through these programs and other community engagement efforts, Centene and our subsidiaries strive to improve access to healthy and culturally relevant food, leading to lifestyle changes that subsequently benefit the environment, such as eating fresh foods and cycling or walking when possible. We recognize healthier member populations are better equipped to withstand the impacts of climate change, and we aim to continue our work to promote health security for our members.

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**Direct operations** 

Markets

Other, please specify Stakeholder expectations

Increased revenues resulting from increased demand for products and services



Opportunity to position Centene as a partner of choice for federal and state governments regarding climate change.

Stakeholders, including government partners, continue to push companies to act and report on sustainability topics. The Department of Defense, General Services Administration and NASA have proposed an amendment that would require certain federal government contractors to disclose their greenhouse gas (GHG) emissions and climate-related financial risks and set targets for GHG reduction. By proactively engaging in these activities, we may enable a better competitive position for contract bids.

Further, we seize opportunities to invest in socioeconomic interventions to decrease member susceptibility to extreme weather events or other climate-related impacts. By working to reduce the negative climate-related health impacts to our members, we could improve both the health and resiliency of the communities we serve, which in turn may lessen the financial impacts to government partners and differentiate Centene as a partner of choice regarding climate change.

We have presented the likelihood and impact ratings under a high mitigation scenario below.

Long-term

Likely

Medium-high

No, we do not have this figure

Not applicable





sistent with those included in the 6th Assessment Report While the ent on the likelihood of any one scenario over another, we wanted to those included in the most recent report.

essing risks and opportunities in the short, medium and long term as espectively, and aligm b è td ofi



Throughout our climate scenario analysis process, we sought to answer the following focal questions:



Based on the results of the climate-risk scenario analysis, Centene is likely to be more impacted by climate-related risks under a scenario in which global action on climate change is low, resulting in greater physical impacts from climate change. This scenario may disproportionately affect our members' health relative to less vulnerable individuals. Centene has fewer risks and more opportunities under a scenario in which global action to reduce carbon emissions is high. None of the risks identified by Centene were assessed higher than moderate impact under an aggressive mitigation scenario in which carbon emissions are greatly reduced.

We concluded health-related physical climate drivers are most likely to shape our future performance (as compared to other drivers such as uopiotetionabedieecomomic). This impact would manifest through increased m M r...err Q r

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## Risks

One example of this member impact is the possibility of increased extreme weather events causing a rapid deterioration in the health of our members. According to the National Oceanic and Atmospheric Administration, National Centers for Environmental Information, the United States alone experienced eighteen weather and climate related disasters in which overall damages/costs reached or exceeded \$1 billion in 2022. These events included wildfires, hurricanes, floods and other severe weather, and they can have an impact on our members' health. For example, wildfire smoke, including deadly pollutants such as fine particulate matter, is linked to health risks such as respiratory infections, cardiac arrest and lung cancer.

## Opportunities

There are also several climate-related opportunities that will impact Centene's business, strategy and financial planning. The potential for optimized use of telehealth is an example. The increased use of telehealth driven by the COVID-19 pandemic has proven its potential to improve the lives of our members by increasing healthcare accessibility and reducing costs. Centene's provider partners are also able to see more members due to less transition time between appointments. As an added benefit, telehealth is environmentally friendly through reduced member travebe

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	and nudge members towards healthier behavior. We strive not only to apply our findings to Centene's member and provider-focused programs, but also to disseminate this knowledge to others in the industry. Since 2019, the Centene Center's researchers have completed more than 30 manuscripts for publication, and in 2022, the Center supported 23 studies across important areas like vaccination,



Row 1	Direct costs Capital expenditures	Capital Expenditures: Climate-related risks and opportunities are informing our financial planning as evidenced by the capital expenditures made/being made in our headquarters highlighted below. These expenditures go above and beyond what would have been minimally viable for a well-functioning facility: Centene's St Louis headquarters has one LEED (Leadership in Energy and Environmental Design) Gold Certified building. This includes items such as insulation to save on energy usage. The building has vegetated roofs and more than 23,000 square feet of native plantings. The rooftop green space reduces storm water runoff, energy consumption and the heat island effect. We have not estimated the savings from this initiative in dollars or CO2e. Direct costs: Life-threatening weather events have the potential to displace thousands and poor air qual 'omsvel art' Q ndi1 idnals'eim rer



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Row 1	No



January 1, 2019

December 31, 2019

30,362

January 1, 2019

December 31, 2019



January 1, 2019

December 31, 2019

99,628

Some of the underlying data used to calculate market-based scope 2 emissions was updated due to the timing of our calculations.

January 1, 2019

December 31, 2019

2,435,556

January 1, 2019



December 31, 2019

198,403

January 1, 2019

December 31, 2019

25,974

January 1, 2019

December 31, 2019



January 1, 2019 December 31, 2019 5,011 January 1, 2019 December 31, 2019



January 1, 2019

December 31, 2019









26,862 January 1, 2022 December 31, 2022

36,667

January 1, 2021

December 31, 2021



January 1, 2020

December 31, 2020

We are reporting a Scope 2, location-based figure

We are reporting a Scope 2, market-based figure





## Refrigerants Scope 1 Emissions are not evaluated Not applicable

Notapplicable

Not applicable



1,708,679

Spend-based method



Relevant, calculated

31,591

Average data method

Centene's fuel-and-energy-related activities emissions include emissions from three activities: Upstream emissions of purchased fuels, Upstream emissions of purchased electricity, and transmissions & distribution losses. Generation of purchased electricity that is sold to end users is not applicable to Centene. Centene's fuel & energy related activities not included in Scope 1 and 2 are calculated using the averagedata method, estimating emissions by using secondary emission factors (BEIS and IEA) for upstream emissions per unit of consumption (for example, kg CO2 e/kilowatt hour 1



Not relevant, explanation provided

Centene owns a limited number of office buildings and has minimal sublease contracts.



Due to the natur	M e of Centene's b	e d° Pusiness mode	se <sup>°</sup> I, there is no waste disp	osal and treatment of pro		ss d <b>b</b> ene.	t spŒ
Notrelevant, exp	planation provide	ed					
Operation of ass	ets and leasing t	to third parties	s are not material source	s of income and not rele	evant to Centene's op	perations.	
	5						
	5						



January 1, 2021

December 31, 2021

1,526,843





58,263 1,914 18,951



No

110

0.0000008

116,963

unit total revenue



144,547,000,000

Location-based

%

38.5

Decreased

Divestment Change in revenue Other, please specify Primarily as a result of reduced real estate footprint

Revenue increased approximately 15% from 2021 to 2022. Combined scope 1 and 2 emissions decreased by 22% from 2021 to 2022 primarily laeeaq M p as ædescubpef a reducted realmission & Wepten leader and a sedescubpe for the lateral score and the sedescubpe for the lateral score and the laterand score and the lateral score and the lateral score and the





Decreased



Other	32,826	Decreased	22	84 building leases expired in 2022. 174 buildings were either
				closed or downsized as a result of the real estate
				optimization initiative.

Location-based



Consumption of fuel (excluding feedstock)	HHV (higher heating value)	108,717	108,717
Consumption of purchased or acquired electricity		236,369	236,369
Consumption of self-generated non-fuel renewable energy			
Total energy consumption		345,085	345,085

Consumption of fuel for the generation of electricity	Yes
Consumption of fuel for the generation of heat	Yes
Consumption of fuel for the generation of steam	No
Consumption of fuel for the generation of cooling	No
Consumption of fuel for co-generation or tri-generation	No







HHV			
5,595			
1,656			
3,939			
HHV			
99,852			



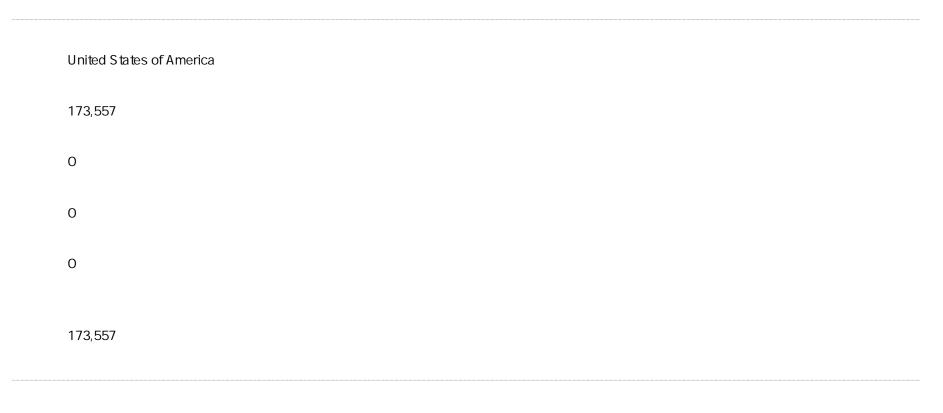
91,391

HHV



Electricity	10,116	10,116	
Heat			
Steam			
Cooling			





United Kingdom of Great Britain and Northern Ireland



62,812