Task Force on Climate-Related Financial Disclosures (TCFD) Index

We are committed to providing transparency on our climate change risk management, governance and performance. The Task Force on Climate-Related Financial Disclosures (TCFD) has developed a voluntary, consistent framework for climate-related financial risk disclosures for use by companies providing information to stakeholders. A summary of our response to the TCFD-recommended disclosures, with aligned references to our CDP disclosure, is below, with new, expanded information.

Governance	CDP Section Alignment
a) Board Oversight	C1.1a & C1.1b

Assurant's Board of Directors (Board), directly and through its committees as described in their charters, oversees the company's risk management policies and practices, including the company's risk appetite, and discusses risk-related issues at least quarterly, including climate-related risk. The Board reviews management's assessment of the company's key enterprise risks and receives a risk management update from the Chief Strategy and Risk Officer annually, including management's strategy with respect to each risk. The Nominating and Corporate Governance Committee coordinates Board and committee oversight of the key risks. The Board and its committees receive updates from management on specific risks throughout the year, including climate-related risks, and each committee chair reports significant risk updates to the full Board so that the Board has the benefit of the committee's specific areas of risk oversight.

The Audit Committee reviews the company's policies with respect to risk assessment and risk management and coordinates with the Finance and Risk (F&R) Committee with respect to Board oversight of risk management and global risk management activities. The Audit Committee also focuses on risks relating to financial statements, internal control over financial reporting, disclosures (including disclosure of the company's material risks), and compliance with legal and regulatory requirements. The F&R Committee has primary oversight responsibility of the global risk management function and corresponding risk activities, and receives risk management updates at least quarterly from the Chief Strategy and Risk Officer and the Global Head of Risk that include the identification, assessment, reporting, and mitigation of existing and emerging key enterprise risks. The F&R Committee also focuses on risks relating to investments, capital management, and catastrophe reinsurance. The Nominating and Corporate Governance Committee has ultimate oversight responsibility for how the company manages sustainability and the Chief Administrative Officer and Senior Vice President, Investor Relations and Sustainability provide regular updates to the Nominating and Corporate Governance Committee. In fulfilling its responsibilities, the Board and each committee has the authority to retain external advisors.

Assurant's longer-term strategic planning process, overseen by our Board, prioritized climate as a multiyear environmental, social, and governance (ESG) area of focus, including to minimize Assurant's carbon footprint and enhance sustainability. In 2021, Assurant's preliminary scenario analysis, which is described in greater detail in the Climate Resilience section of this report, was reviewed with the company's Board. In 2022, Assurant developed and announced a near-term greenhouse gas (GHG) emissions reduction target of 40 percent across Scope 1 and 2 by 2030, from a 2021 baseline. The methodology and SBTi standard as well as a summary of key levers expected to achieve the target was reviewed with the nominating and corporate governance committee. Progress toward the goal is expected to be reviewed with the Board at least annually.

Assurant's Board, Management Committee, and employees understand the importance of sustainability to deliver greater value as the company operates the business in support of its long-term strategy. In its Notice of 2023 Annual Meeting of Stockholders and Proxy Statement, Assurant enhanced the list of experience and skills that the company believes are important for the Board to have to include sustainability.

b) Management Role

C1.2

The Chief Strategy and Risk Officer, Chief Administrative Officer, and Chief Financial Officer, who each report directly to our President and CEO, oversee functions responsible for climate-related actions, policies, and risk mitigation and management. Specifically, the Senior Vice President, Investor Relations and Sustainability, in collaboration with the Global Head of Risk, oversee climate-related risk from a management perspective. Overall risk management is the responsibility of the Chief Strategy and Risk Officer, who leads the global risk management function that coordinates our risk management activities, and the Global Head of Risk, who reports to the Chief Strategy and Risk Officer. The company's risk management framework cascades downward into the enterprise through various management committees. Climate-related issues inherent in Assurant's property insurance writings are monitored by the management-level Reinsurance Risk Committee (RRC), which reports into the management-level Enterprise Risk Committee (ERC), and subsequently the F&R Committee of the Board. Quarterly updates from the Chief Strategy and Risk Officer to the F&R Committee include the company's risk appetite related to reinsurance, changes to catastrophic risk, and material climate-related issues as appropriate.

The ERC includes members of Assurant's Management Committee, risk management leadership, and certain support function leaders of the company, and is responsible for the interdisciplinary oversight of business unit and enterprise risks and the design, management, and recommendation of the risk appetite framework and limits.

Our President and CEO, together with our Chief Administrative Officer and Senior Vice President, Investor Relations and Sustainability, set the strategic direction of ESG-related matters, including climate issues, in collaboration with the Management Committee as well as other leaders and subject matter experts. To identify and prioritize key ESG matters for integration into the ESG strategy, a cross-section of leaders representing sustainability, investor relations, risk management, strategy, facilities, legal, business operations, customer experience, and the people organization are engaged to monitor and assess climate-related issues that are relevant to Assurant through the ESG committee described below.

In 2021, Assurant's preliminary scenario analysis, which is described in greater detail in the Climate Resilience section of this report, was reviewed with our Management Committee to inform them about climate-related risks and opportunities and with the company's Board. Since 2021, our Senior Vice President, Investor Relations and Sustainability, along with a cross-section of functional leaders, provide routine updates to the Management Committee to ensure they remain informed of climate-related risks, opportunities, and issues.

Beginning in 2021, Assurant formed the Assurant Investment Committee to provide a forum for ESG topics to be discussed and considered in balance with other investment considerations specific to managing Assurant's $7.5 billion-dollar investment portfolio, excluding cash and cash equivalents, as of December 31, 2022. This committee comprises a cross section of internal stakeholders that's empowered to identify and incorporate into investment policy ESG topics with the objective to generate consistent, long-term, risk-adjusted investment income. This includes consideration, where applicable, of factors that may influence our investments, including energy costs and climate impact.

In 2022, Assurant enhanced its climate-related governance process and finalized its ESG Oversight and Action Committee (ESG Committee), which comprises select Management Committee members and senior management across key functional areas to provide oversight of the company's business-aligned ESG strategy. The ESG Committee meets at least quarterly and fulfills its responsibilities by (i) providing the relevant ESG oversight required to identify, develop, and set business-aligned ESG strategy for long-term value creation; (ii) establishing the enterprise ESG position and view for ESG policy, standards, requirements, disclosures, and mandates; (iii) providing recommendation and approval for enterprise ESG initiatives that advance Assurant's ESG strategy; and (iv) supporting the integration of enterprise-wide ESG strategy throughout the organization. On a semiannual basis, the ESG Committee leadership provides updates to the Management Committee on (1) the status of key ESG initiatives, (2) updates related to enterprise ESG performance, its roadmap, and investments, and (3) opportunities for continual enterprise ESG improvement.

In 2022, Assurant leveraged the ESG Committee to develop and approve its 40 percent Scope 1 and 2 GHG target and its enterprise Climate Action Policy.

Strategy	CDP Section Alignment
a) Climate-Related Risks and Opportunities	C2.1a, C2.3, C2.3a, C2.4, & C2.4a

Assurant defines a substantive financial or strategic impact as one which would materially harm our business and the delivery of our strategic objectives or cause material harm to our financial condition, results of operations, and cash flows. In assessing whether an impact is material we consider both financial (e.g., impact to annual adjusted EBITDA or capital position) and nonfinancial criteria (including potential for harm to our clients, business partners, regulators, and investors) and on an inherent and residual basis. The magnitude of the impact considered will vary depending on the affected business line and geography. When conducting climate risk assessments, risks are assessed across short-, medium-, and long-term time horizons. The specific time horizon for individual assessments can differ considering the business line, geographical area, or useful life of the assets or infrastructure being assessed, generally with short term and medium term aligning to our business planning time horizons, and long term going beyond that.

Assurant faces climate-related risks and opportunities across its business activities, which includes its catastrophe-exposed and noncatastrophe-exposed insurance portfolios, investment activities as an asset owner, and within its own operations including its supply chain.

Key climate risks facing Assurant span both transition and physical risk categories, including:

Table 1: Summary of Risks	
Transition Risks	
Policy and Legal *(Medium Term)*	**Business Activities:** Policy and regulatory environments are encouraging electric vehicles, alternative transportation fuels, and micro mobility, so warranty coverage may need to be aligned with changing risks/liabilities in the marketplace. For example, Assurant's portfolio of auto warranty products now includes a product for electric vehicles, which we're rolling out to markets worldwide. **Investment Activities:** Regulatory changes and rezoning in response to climate risk may shift the value of certain properties, affecting the value of Assurant's equity real estate portfolio. Emissions reduction legislation may accelerate the clean energy transition in certain jurisdictions, leading to heavily fossil fuel-reliant investments becoming devalued or stranded. **Own Operations:** Assurant may incur additional costs associated with tracking and reporting on climate-related aspects of its operations based on increasing mandatory disclosure in various jurisdictions. In addition, as we publish more details about our climate change mitigation plans and targets, for example the Climate Action Policy and emissions reduction targets published in December 2022, we face increased risk of regulatory action and litigation from stakeholders if those plans and targets aren't met in the future.

Technology *(Long Term)*	**Business Activities:** New "green" technologies, reduced personal vehicle ownership due to micromobility and ridesharing alternatives, and shifts toward extended product life cycles may require Assurant to evaluate the cost-revenue implications for insurance and warranty products and services in its Connected Living and Global Automotive businesses. Assurant will also need to continuously assess how new technologies influence the goods the company protects and how this may impact the experience and pricing needs of the business. **Investment Activities:** Green technology shifts may require Assurant to reconsider additional strategies and screening criteria for future investments. **Own Operations:** Assurant may incur costs associated with transitioning toward low-emissions operations, such as the cost of building efficiency. Some of these transitions may be partially offset by energy cost savings over the long term.
Market *(Long Term)*	**Business Activities:** In Global Lifestyle, specifically, within our Global Automotive business, there's a risk that products won't meet market needs as dominant technologies change, or markets shrink due to movement away from personal vehicles and reduced vehicle miles traveled. In Global Housing, while the consumer market may expand for hazard insurance in climate-prone areas, Assurant will need to consider the impact of increasing climate-related hazards when defining its strategy in climate risk-prone markets. **Investment Activities:** Assurant may need to further consider its investment screening criteria due to changes in risk and return of long-term investments in carbon-intensive industries, driven by the pressure to decarbonize and the risk of stranded assets.
Reputation *(Medium Term)*	**Own Operations:** Assurant may experience increasing pressure from investors, employees, regulators, and clients to measure, disclose, and act on climate-related risks and broader ESG considerations. This includes the ongoing adherence to and refinement of the SBTi-aligned carbon emissions reduction target announced in 2022, the appetite for pursuing a net-zero target and the necessary resources, processes, and accountability needed to meet these objectives. **Investment Activities:** Assurant may face growing pressure from investors and customers to divert more investments away from heavy-emitting industries and toward green investments.
Physical Risks	
Acute *(Long Term)*	**Business Activities:** Catastrophe losses, including human-made catastrophe losses, could materially reduce our profitability and have a material adverse effect on our results of operations and financial condition. IIn Global Housing, our participation in U.S. FEMA's National Flood Insurance Program (NFIP) is subject to a portion of this risk. Assurant is one of the largest administrators for the U.S. government under NFIP. Congress must support NFIP to ensure it's able to meet its reimbursement obligations to insurers and also reauthorize the NFIP periodically. A failure to reauthorize the NFIP, beyond the current extension period of September 30, 2023, would effectively stop the sales and renewal of NFIP flood policies, which may reduce our role as an administrator in the Write Your Own program.

Acute *(Long Term)* (continued)	Because Global Housing's lender-placed homeowners and lender-placed manufactured housing insurance products are designed to automatically provide property coverage for client portfolios, our exposure to certain catastrophe-prone locations, such as Florida, California, Texas, North Carolina, South Carolina, and Puerto Rico, may increase. The withdrawal of other insurers from these or other states may lead to adverse selection and increased use of our products in these areas and may negatively affect our loss experience. **Investment Activities:** Assurant may see devaluation in its equity real estate portfolio depending on the exposure of certain sites to climate-related hazards. Risk and screening categories for future investments in Assurant's fixed maturity investment portfolio may need to be adjusted to account for vulnerability to acute climate hazards. **Own Operations:** Assurant may encounter increased physical damage to offices and device care centers and prolonged outages and/or disruption of electricity and other services due to climate hazards such as flooding, storm surge, and extreme weather events. Damage and disruption may interfere with critical operational functions for the business for on-site operations, the remote workforce, and outsourced business processes. Operating costs may rise to: 1) implement and further harden existing business resiliency processes, providers, and equipment; 2) account for recovering property, data, equipment, systems, and human resources; and 3) insure against these hazards. Insurance may be unavailable to transfer some of these risks.
Chronic *(Long Term)*	**Business Activities:** In the United States, insurance regulators seek to maintain orderly markets, which can lead to moderation of indicated rate movements. One of the unintended consequences of this can be a potentially insufficient differential between regulator-approved insurance rates for properties with high exposure to climate events and the true exposure of these properties. Some state insurance departments don't allow the use of computer models in rate proposals submitted by companies such as Assurant while, in other states, the use of models is highly constrained to the state's approved view and use. The evolving nature of climate-related chronic physical risk is not well captured without the ability to model situations and exposures using a forward-looking view reflective of this risk. The increasing frequency and severity of catastrophic events as a result of climate change may cause Assurant increased difficulty or increased costs when securing catastrophe reinsurance protection to minimize financial impact and provide capital offsets. Additionally, Assurant's lender-placed product may see an increase in exposure to more catastrophe-prone areas. This may occur when increased risks and catastrophe costs cause other insurers to withdraw from a state and, therefore, Assurant may become the role of insurer of last resort on properties with higher climate-related risks. Assurant may see downgrades of the financial strength ratings of reinsurers who are less diversified, which could increase Assurant's counterparty credit risk. **Own Operations:** In addition to those noted in "Acute Risks," hazards could include temperature change, sea-level rise, and extreme weather events. Any properties owned by Assurant in its operations may decline in value due to sea-level rise. Damage to property, equipment, systems, and climate-related health effects on the workforce will likely increase operating costs associated with insuring against these hazards.

Table 1: Summary of Opportunities	
Resource Efficiency ***(Short Term)***	**Business Activities**: As the telecommunications industry seeks to mitigate the environmental impacts from their customers' use of connected devices and transition to more circular business models through increasing the longevity of devices and moving to zero waste, opportunities for Assurant to further extend its device protection, warranty, trade-in and upgrade, and certified pre-owned disposition programs will continue to grow. **Own Operations:** Assurant may benefit from cost savings and system efficiency from the adoption of new technology; however, this must be balanced against increased exposure to new risks associated with moving toward digital, decentralized and cloud-based systems/technology (e.g., cyber risk, energy security, data centers), and the time and resources required to implement this transition on a global scale.
Energy Source ***(LongTerm)***	**Business Activities:** Further adoption of clean energy and technologies (e.g., electric vehicles, micro mobility, ridesharing, distributed energy, solar and storage) may offer opportunities for Assurant to continue to explore new products and markets in its Global Housing and Global Lifestyle businesses. **Own Operations:** Assurant may need to make further investments in clean energy and technology (e.g., on-site generation, energy-efficiency, energy storage, etc.) to meet energy conservation goals. While capital costs may be incurred, there also may be opportunities to reduce operating costs and increase business resiliency.
Products and Services ***(Medium Term)***	**Business Activities:** The growth of the electric vehicle or EV market globally will provide further growth opportunities of Assurant's EV One Protection extended warranty solution and associated products. This solution provides comprehensive, flexible, and customized coverage options for wear and tear and mechanical repair to service the growing EV market. Additionally, the growing market for second-hand mobile devices and opportunities for customers to upgrade to 5G are likely to continue to drive the expansion of the mobile trade-in business, which helps to extend the life of a mobile device and reduce e-waste.
Products and Services ***(LongTerm)***	**Business Activities:** In addition to those noted in "Energy Source" and "Products and Services," Assurant may create new ways to bundle products due to the convergence of climate risk in certain areas. For instance, certain fire-prone areas may, in the future, also be susceptible to flooding or storm surge. Assurant may be able to expand its offerings to include low-cost products in new, emerging markets that are most at risk of climate-related impacts. **Investment Activities:** Existing responsible investment screens focus on selectively restricting investments in entities whose activities are fundamentally inconsistent with Assurant's values or are likely to result in reputational and/or other risks. Beginning in December 2021, the company restricts new investments in entities that exceed revenue thresholds in thermal coal extraction and power generation, oil sands extraction, tobacco production and distribution, and civilian firearms production and distribution. In addition, the investment portfolio limits exposure to issuers with ties to controversial weapons, United Nations Global Compact violators, or without female representation on boards of directors.

Resilience *(Long Term)*	**Own Operations:** Assurant can invest in renewable energy and energy efficiency programs to minimize financial risks associated with carbon pricing, increase business resilience (e.g., through on-site generation), and align with peers, investors, and clients to set and achieve decarbonization goals. **Business Activities:** Assurant could work with its clients to engage end-user customers in the Global Housing business to adopt distributed energy technologies that could reduce costs for customers and increase resilience against climate-related hazards. Assurant will continue to explore new partnerships/products with resilience service companies (ReSCOs) that offer capital outlay for risk retrofitting and generate a return from reduced insurance costs.

b) Impact on Strategy

C2.3a, C2.4a, C3.1, C3.2a, C3.2b, C3.3, C3.4, C-FS3.7, & C-FS3.7a

We believe considering and incorporating climate risks and opportunities into our business strategy drives long-term profitability. Assurant faces the greatest risk exposure to climate change through our lender-placed, voluntary homeowners, renters, and flood property insurance offerings, particularly in coastal regions prone to hurricanes. We integrate several strategies into our business approach to mitigate these risks and seize opportunities, including:

Most Substantial Business Decision: As part of our strategy, we've continued to diversify our portfolio toward products and services with lower catastrophe exposure, including by growing our Connected Living and Global Automotive businesses. Assurant's multiyear strategy to position the company for longer-term profitable growth is focused on growing business where we can maintain or reach market-leading positions, as well as advancing our diversification and shift to capital-light and fee-based offerings that provide greater stability and predictability, and less climate-related risk. Catastrophe-exposed businesses contributed meaningfully less to Assurant's profitability at year-end 2022 compared to prior years.

Additionally, Assurant's Responsible Investing Commitment recognizes the importance of considering ESG factors in the management of Assurant's investment portfolio. Our portfolio management professionals and third-party asset managers integrate ESG considerations into due diligence, monitoring, and investment decision-making. Assurant's Responsible Investing Commitment Policy is located here.

Risk Transfer and Diversification: Responsible and diversified risk transfer forms the foundation of Assurant's catastrophe risk mitigation strategy, specifically with respect to its insurance offerings. For exposure to catastrophe risk above its internally established risk appetite thresholds, Assurant works with a leading reinsurance broker and more than 40 global reinsurers to transfer risk. Assurant may additionally transfer its weather-related catastrophe risk through private equity or capital markets, including the insurance-linked securities or ILS market. Risk is also transferred to the Florida Hurricane Catastrophe Fund. Assurant's exposure to acute risk in the change of its risk transfer strategies is mitigated by the procurement of reinsurance arrangements, which have a multiyear duration.

For 2022, our property catastrophe reinsurance program included multiyear reinsurance contracts covering approximately 45 percent of the U.S. program, reducing volatility in future reinsurance costs and as of January 2023, approximately two-thirds of the 2023 program was placed with the remaining one-third expected to be completed by June of this year.

In our Global Automotive business, we continued the global rollout of an electric vehicle (EV) and hybrid vehicle-specific protection product which is now available in 12 countries worldwide including the U.S., Canada, U.K., Mexico, Argentina, Brazil, Australia, and New Zealand. Assurant's EV One Protection provides extended warranty solutions that are comprehensive, flexible and include customized coverage for wear and tear and mechanical repair. Assurant is well-positioned to serve the growing EV market globally as consumers look to minimize their carbon footprint.

Catastrophe Modeling: Assurant employs a proprietary view of risk, which combines and adjusts results from several models to arrive at a comprehensive assessment of our climate-related catastrophe risk, policy rates, and reinsurance costs. Assurant's total exposure to catastrophe risk is reviewed on a quarterly basis.

Model Risk: Modeling tools that support business decisions involve historical data and numerous assumptions that may differ materially from actual events. Reinsurance catastrophe models rely on, in part, past catastrophe losses to project the future. As the impact of climate change has the potential to exponentially grow the frequency and severity of insured damage from weather events, reliance on historical data inherently implies that there's model risk. Additionally, the modeled futuristic view (beyond one year) of catastrophe risk is continually modified as more favorable historical loss years in the loss data set are replaced, year by year, by less favorable recent years.

c) Climate Resilience

C3.2, C3.2a, & C3.2b

Preliminary Scenario Analysis: The process of screening for climate-related risks and opportunities across operations and business units informed our preliminary scenario analysis activities. We conducted an initial climate scenario analysis in 2021, with third-party support, to identify and analyze the various climate-related risks faced by 10 of Assurant's critical and/or highly vulnerable facilities across the globe. We also explored climate-related opportunities for Assurant's operations to enhance resilience. Key modeling assumptions related to asset values and GHG emissions associated with each site. In alignment with the TCFD recommendations, we reviewed impacts in the near term (2020 – 2029) and how they may evolve in the longer-term (2030,-,2039) under a "two-degree" scenario and a "business-as-usual" scenario.[1] In 2021, Assurant's preliminary scenario analysis was shared with the Board and Management Committee.

In the future, Assurant may conduct additional scenario analyses covering underwriting activities and investments as resources, analytical tools, and data become available. Assurant expects that climate scenario analysis and other climate-related risk evaluations will be important inputs that will influence the company's long-term strategy, business operations, and physical footprint.

Impact and Strategy for Climate Resilience: With exposure to natural catastrophe through our insured properties, Assurant maintains a high-quality panel of reinsurers, works with state regulators, and incentivizes flood-prone policyholders to use physical risk management tools. Our reinsurance program reduces our financial exposure to climate change and enhances our ability to protect more than three million homeowner and renter policyholders against severe weather and other hazards as of March 31, 2023. We also prioritize opportunities that address the underlying causes of climate risk. For example, we educate consumers and regulators about the benefits of adopting climate-resilient improvements when constructing or repairing homes. To incentivize these behaviors, we offer discounts to those who have fortified their homes to mitigate the impacts of floods, hurricanes, or other severe weather.

1. A "business-as-usual" scenario represents an emissions trajectory should no major global effort to limit greenhouse gas emissions come into effect (RCP8.5). In a "two-degree" scenario, global emissions are aligned with international pledges to manage global average temperature increases to below 2°C by 2100 (RCP4.5).

Risk Management	CDP Section Alignment
a) Process to Identify Climate Risk	C2.1, C2.2, C2.2a, C-FS2.2b, C-FS2.2c, C-FS2.2d, & C-FS2.2e

Climate-related risk identification is integrated into our multidisciplinary, company-wide risk identification, assessment, and management processes, which incorporate our global risk management framework, governance structure, risk appetite framework and limits, key risk themes, risk taxonomy, catastrophe modelling and analytics, and reinsurance purchase decision-making frameworks.

The Enterprise Risk Committee (ERC) meets at least six times per calendar year to focus on all risks with a substantive financial or strategic impact on our business. The ERC, which is chaired by our Global Head of Risk and includes members of Assurant's Management Committee, risk management leadership, and certain support function leaders of the company, is responsible for the interdisciplinary oversight of business unit and enterprise risks and the design, management, and recommendation of the risk appetite framework and limits. Through the Global Head of Risk, the ERC reports and provides regular updates to the F&R Committee of Assurant's Board.

The company conducted a full climate risk and opportunities screening analysis in 2021 to identify potential climate-related issues for Assurant businesses, which continues to be maintained and refreshed as necessary. As part of that process, the major lines of business were reviewed and assessed based on current climate change trends, the varying degrees of potential downside and upside, and the additional information and analysis required to gain greater understanding of the risks. The assessment considered both physical and transition-related risks across the key drivers identified in the TCFD framework over specific time horizons as well as considering current and emerging regulatory requirements.

Physical risk: For our climate-related catastrophe exposures inherent in our property insurance business, our Reinsurance Risk Committee (RRC) monitors catastrophe exposure and the reinsurance leader that reports into the management-level Enterprise Risk Committee (ERC), and subsequently the F&R Committee of the Board on an annual and as-needed basis. Our RRC reviews and approves our catastrophe reinsurance activities. Annually through our catastrophe reinsurance program, we aim to reduce our company's financial exposure.

When identifying or assessing climate-related risks, an individual catastrophe event that generates losses in excess of $5.0 million, pre-tax, net of reinsurance and client profit sharing adjustments, and including reinstatement and other premiums, is considered a reportable catastrophe loss. All such items greater than $5.0 million are reported to the audit committee on a quarterly basis.

Transition risk: Assurant monitors the emergence and development of transition risks and opportunities through the processes described above and through specific climate-related considerations.

Risk Management and Government Relations and Regulatory Affairs teams monitor how changing policy and regulatory environments worldwide may directly or indirectly affect products. For example, insurance policies and/or warranty coverage may need to be aligned with changing risks/liabilities in the marketplace. We are also engaged on climate regulatory matters. Assurant has partnered with relevant trade associations to provide feedback on proposed guidelines including the American Property Casualty Insurers Association, the Life Insurance Council of New York, and the Business Roundtable as a few key examples. Assurant also directly engages with lawmakers about the National Flood Insurance Program and other fire and hazard risk management regulations.

In relation to our investment portfolios, the Assurant Investment Committee provides a forum for ESG topics to be discussed and considered in balance with other investment considerations specific to managing Assurant's $7.5 billion-dollar investment portfolio, excluding cash and cash equivalents as of December 31, 2022. This committee comprises a cross section of internal stakeholders that's empowered to identify and incorporate into investment policy with the objective to generate consistent, long-term, risk-adjusted investment income. This includes consideration, where applicable, of factors that may influence our investments, including energy costs and climate impact.

b) Process for Managing Climate Risk

C2.1, C2.2, C-FS2.2d, & C-FS2.2e

The company employs a risk governance structure, overseen by the Board and senior management and coordinated by the global risk management function, to provide a common framework for evaluating the risks embedded in and across our businesses and functional areas, developing risk appetites, managing these risks, and identifying current and future risk challenges and opportunities.

Risk Management coordinates the company's internal risk management activities, including climate-related risks, and is the responsibility of the Chief Strategy and Risk Officer and the Global Head of Risk, who reports to the Chief Strategy and Risk Officer. Risk Management develops risk assessment and risk management policies and facilitates the identification and assessment, monitoring and reporting, and mitigation of risks. Risk Management also coordinates with compliance and other departments and internal committees overseeing risk to develop recommendations for risk limits. Periodic reporting and discussion of climate risk occurs at the ERC and subcommittees, as warranted.

Risk appetite is defined as the levels, types, and amount of risk that we're willing to accept in the pursuit of our business and strategic objectives, consistent with prudent management of risk concomitant with available levels of capital. Using metrics allows for a cohesive assessment of risk, resources, and strategy, and it supports management and the Board in making well-informed business decisions. The company's risk appetite is subject to Board oversight and approval.
Risk Management relies on a combination of activities and processes, including through scenario analysis and the Own Risk and Solvency Assessment, to provide analysis and seek assurance that the most significant risks have been identified and are managed to be within the Board-approved risk appetites.

Physical Risk: Assurant prioritizes climate-related physical risks and opportunities based upon each business unit's exposure to natural catastrophe, flood, fire, existing and emerging regulatory requirements related to climate change, and other climate-related events.

Assurant is most prone to climate change impacts related to the homes for which we provide lender-placed, voluntary and flood insurance through Global Housing. In managing our portfolio of voluntary property insurance policies, Assurant uses risk concentration models to identify and de-risk areas of high exposure to climate-related perils such as wildfire and flood. To enhance our understanding of our significant risk exposure to catastrophic events, we purchase aftermarket information that provides us with additional building characteristics, which we include in our modelling process and supply to our diverse panel of reinsurers. We employ catastrophe models for various geographic regions that contain five-year projections of climate-related weather activity, which allow us to make more accurate assumptions on the frequency of hurricanes or other climate-related events to determine pricing and guide appropriate risk-taking within the company.

Changes in total insured value and potential risk concentrations are reviewed quarterly, with aggregate and trend information reported to management on a quarterly basis. This analysis ensures ongoing oversight and monitoring of the business portfolio exposure and the adequacy of the in-force and prospective reinsurance programs.

While Assurant cannot underwrite individual policies within its lender-placed portfolio, coverage terms offered within the policy can be changed over time to manage the risk within the portfolio. One example is the deductible level, which can be increased in higher-risk areas. Assurant's homeowners policies are also issued with annual (12-month) terms, so pricing, coverage, and the contracts with our insurance clients can be reviewed within a relatively short time horizon relative to the longer term impacts of climate change.

A key response to climate-related physical risk is the strategy of diversifying the business portfolio toward products and services with lower catastrophe exposure, including by growing the Connected Living and Global Automotive businesses. Assurant's multiyear strategy to position the company for longer-term profitable growth is focused on growing business where it can maintain or reach market-leading positions, advancing diversification and shift to capital-light and fee-based offerings, and less climate-related risk.
For our own operations, Assurant Risk Management, in collaboration with Corporate Real Estate and Facilities, assesses all of the company's facilities for exposure to severe climate-related events and recommends improved climate resiliency where appropriate.

Transition Risk: Under the oversight of the Assurant Investment Committee, our portfolio management professionals and our third-party asset managers work to consistently lower our overall investment portfolio exposure to industries and companies with high-risk environmental issues and target higher allocations to companies and issuances that demonstrate enhanced environmental, social, and sustainability attributes.

c) Climate Risk Integration — C2.1, & C2.2

As described above, climate-related risk identification is integrated into a multidisciplinary, company-wide risk identification, assessment, and management processes.

Given the characteristics of climate risks, Assurant uses a cross-cutting risk approach wherein climate risks are part of the existing framework and attributed to the existing risk taxonomy. The main reasons for that are:

- Climate-related risks are intertwined with other risks and risk types. They should be looked at holistically and be an integral part of the decision and risk mitigation process
- Assurant operates in multiple countries with different business lines.
  - The impact and severity of climate risks are geographically diverse.
  - The impact and severity will differ among the various business lines (e.g., Auto is different from Connected Living).
  - In most circumstances, physical and transition risks are a driver for other conventional risk types (e.g., strategic, market, or operational).

The Assurant risk appetite framework sets out our approach to determining risk appetite and the risk themes for which an appetite statement is captured. Given this approach, wherein climate risks are part of the existing framework, there's no single appetite statement for climate risk. If the impact of climate risk is material, it should be included in the risk appetite statements of that specific risk theme. Examples may include actions in relation to:

- The Assurant climate action policy and commitment to reduce carbon emissions
- Efforts to monitor climate risk exposure through catastrophe exposed underwriting
- Efforts to monitor climate risk exposure in the investment portfolio

For these and other possible instances regarding separate climate risk appetites, the regular risk appetite setting process is followed.

a) Metrics	CDP Section Alignment
We monitor absolute energy use, Scope 1, Scope 2, and relevant Scope 3 emissions, and emissions intensity relative to revenue.	C4.1, C4.1a, C4.2, & C6.10

b) Scope 1, 2 and 3 GHG Emissions (Metric Tons CO2e) [1,2,3]		CDP Section Alignment
Scope 1	1,505	C6.1, C6.3, C6.5, C-FS14.0, C-FS14.1, & C-FS14.1a
Scope 2		
Location-based	13,447	
Market-based	13,456	
Scope 3		
Purchased Goods and Services	289,882	
Capital Goods	4,131	
Fuel and Energy-Related Activities	675	
Upstream Transportation and Distribution	6,048	
Waste Generated in Operations	955	
Business Travel	2,999	
Employee Commuting	4,478	
Downstream Transportation and Distribution	51,467	
Use of Sold Products	95,779	
End-of-Life Treatment of Sold Products	272	
Downstream Leased Assets	213	
Franchises	2,612	
Investment Portfolio[4]	-	

[1] Scope 1, 2, and 3 emissions calculated according to Greenhouse Gas Protocol | (ghgprotocol.org).
[2] Scope 2 GHG emissions are estimated using the market-based Scope 2 accounting method in alignment with theGreenhouse Gas Protocol.
[3] Category 15 emissions represents a 75 percent portfolio coverage and includes the 2021 Total Carbon Emissions calculated for Fixed Income, Listed Equity and Real estate/property asset classes.
[4] Assurant expects to calculate its 2022 Investment Portfolio as part of its upcoming CDP submission.

c) Targets	CDP Section Alignment
In 2022, Assurant announced its goal to reduce enterprise Scope 1 and 2 GHG emissions by 40 percent by 2030, from a 2021 baseline. The target, which aligns with the Paris Agreement and is science-based, was set as part of the company's ESG guiding principle to ensure its facilities around the world adhere to sustainability practices. We continue to consider our path to implementing a Scope 3 GHG emission target, which would also take into account our investment portfolio and supply chain, among other areas.	C4.1, C4.1a, & C4.2

Appendix: Sustainability Accounting Standards Board (SASB) Index

Assurant, Inc. (NYSE: AIZ) is a leading global business services company that supports, protects, and connects major consumer purchases. Assurant supports the advancement of the connected world by partnering with the world's leading brands to develop innovative solutions and to deliver an enhanced customer experience through mobile device solutions, extended service contracts, vehicle protection services, renters insurance, lender-placed insurance products. and other specialty products. Given Assurant's unique business model that spans multiple industry categories with an ongoing shift to more service-oriented business, particularly in mobile, Assurant is providing the following disclosures aligned with the Sustainability Accounting Standards Board (SASB) industry standards for both insurance and telecommunication services.

As of August 2022, the International Sustainability Standards Board (ISSB) of the IFRS Foundation assumed responsibility for the SASB Standards. The ISSB has committed to build on the industry-based SASB Standards and leverage SASB's industry-based approach to standards development. Assurant has prepared the 2023 SASB Index to continue to drive transparency and will look to evolve future disclosures in alignment with updated IFRS standards which are expected to be forthcoming.

Insurance Industry Metrics

Topic Area	Metric Code	Metric Description	Disclosure[2]
Insurance – Activity Metric	FN-IN-000.A	Number of policies in force, by segment: (1) property and casualty, (2) life, (3) assumed reinsurance	Assurant currently tracks and reports the policies in force globally for mobile device protection, auto, and renters policies. See our Q4 2022 Financial Supplement for policies in force, specifically, page 4 for Mobile and Auto and page 7 for Renters.
Transparent Information & Fair Advice for Customers	FN-IN-270a.1	Total amount of monetary losses as a result of legal proceedings associated with marketing and communication of insurance product-related information to new and returning customers	For a description of any material pending legal proceedings in which we are involved, see the Legal and Regulatory Matters portion of Note 28, Commitments and Contingencies, on page F-78 of Assurant's Fiscal Year 2022 Form 10-K filing.
	FN-IN-270a.2	Complaints-to-claims ratio	Assurant currently tracks complaints by line of business internally. This data is used to track performance and identify opportunities for improvement. However, given the varying nature of how our product and service offerings are sold, and the varying definitions of complaint types by product line, we don't currently calculate or publicly disclose an overall complaints-to-claims ratio.
	FN-IN-270a.3	Customer retention rate	Due to the nature of Assurant's business, the variability in our lines of business and how our products and services are sold, we don't currently calculate or publicly disclose customer retention rates.

Topic Area	Metric Code	Metric Description	Disclosure[2]
Transparent Information & Fair Advice for Customers (cont.)	FN-IN-270a.4	Description of approach to informing customers about products	Assurant provides a variety of products across our lines of business and has established policies and procedures to ensure the information given to customers is transparent, complete, and accurate. For more information, see the Our Products and Services section of Item 1. Business in Assurant's Fiscal Year 2022 Form 10-K filing, specifically pages 5-6 for Global Lifestyle and pages 8-9 for Global Housing.
Incorporation of ESG Factors in Investment Management	FN-IN-410a.1	Total invested assets, by industry and asset class	As of December 31, 2022, Assurant had total investments of $7.52 billion. For more information about Assurant's invested assets, see Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) on pages 58-59 and Note 8 Investments starting on page F-30 of Assurant's Fiscal Year 2022 Form 10-K filing.
	FN-IN-410a.2	Description of approach to incorporation of environmental, social, and governance (ESG) factors in investment management processes and strategies	Assurant's approach to the incorporation of ESG factors into our investment management processes and strategies is outlined in our Responsible Investing Commitment, which is available here: https://www.assurant.com/our-story/sustainability, and the Responsible Investing section on page 25 of Assurant's 2023 Sustainability Report.
Policies Designed to Incentivize Responsible Behavior	FN-IN-410b.1	Net premiums written related to energy efficiency and low carbon technology	While Assurant doesn't explicitly track net premiums related to energy efficiency and low-carbon technology, we do provide products and services that incentivize environmentally minded actions. For example, we provide coverage for efficiency-related items such as smart thermostats through our Connected Living business. Additionally, in 2020, Assurant launched an industry-first electric vehicle protection product, Assurant EV One℠, which has expanded and is now available in 12 countries globally. Additionally, Assurant's services in mobile trade-in support extend the life of a mobile device, helping to minimize e-waste. See Climate, Energy, and Emissions starting on page 26 of Assurant's 2023 Sustainability Report for a discussion of these products and services.
	FN-IN-410b.2	Discussion of products and/or product features that incentivize health, safety, and/or environmentally responsible actions and/or behaviors	

Topic Area	Metric Code	Metric Description	Disclosure[2]
Environmental Risk Exposure	FN-IN-450a.1	Probable Maximum Loss (PML) of insured products from weather-related natural catastrophes	Assurant utilizes various proprietary modelling processes to make underwriting and pricing decisions, and to manage exposure to catastrophe risk. The table below details the estimated reportable losses affecting its Global Housing insurance portfolio that could result from weather-related natural catastrophes, based on three likelihood scenarios: (1) 1-in-50; (2) 1-in-100; (3) 1-in-250. Assurant defines a reportable catastrophe event as an individual catastrophe event that generates losses in excess of $5.0 million, pretax, net of reinsurance and client profit-sharing adjustments and including reinstatement and other premiums. This data includes hurricanes, earthquakes, and other perils, of which hurricanes are the most significant to Assurant's business. The hurricane loss amounts are based on Assurant's catastrophe risk models and include losses from wind and storm surge. The earthquake loss amounts include losses from earthquakes, as well as fires following earthquakes. This data, reported as of June 2022, covers Assurant's Global Housing insurance portfolio, and is reported gross and net of reinsurance.

Probable Maximum Loss – Hurricane

Probability of Non-Exceedance	Return Period (Year)	Direct and Assumed	Net (Excl. reinstatement premiums)
98.00%	50	$784.3M	$212.7M
99.00%	100	$1.09B	$251.9M
99.60%	250	$1.55B	$308.4M

Probable Maximum Loss – Earthquake + Fire Following

Probability of Non-Exceedance	Return Period (Year)	Direct and Assumed	Net (Excl. reinstatement premiums)
98.00%	50	$47.3M	$30.3M
99.00%	100	$78.0M	$52.7M
99.60%	250	$140.6M	$81.1M

For further information about Assurant's risk management processes, see Item 1. Business, specifically pages 7, 9, 17, 18, 19 of Assurant's Fiscal Year 2022 Form 10-K filing. See also Assurant's 2023 Sustainability Report, Task Force on Climate-Related Financial Disclosures (TCFD) Index, specifically the section entitled Risk Management.

<table>
<tr><th>Topic Area</th><th>Metric Code</th><th>Metric Description</th><th>Disclosure[2]</th></tr>
<tr><td rowspan="2">Environmental Risk Exposure
(cont.)</td><td>FN-IN-450a.2</td><td>Total amount of monetary losses attributable to insurance payouts from (1) modeled natural catastrophes and (2) nonmodeled natural catastrophes, by type of event and geographic segment (net and gross of reinsurance)</td><td>In Assurant's 2023 TCFD Index, we disclose our catastrophe modeling practices and strategy, together with how we employ catastrophe modeling for climate risk identification and integration. See details starting on page 46 in Assurant's 2023 Sustainability Report, TCFD index.

The following table presents the losses, net of reinsurance, incurred by Assurant during 2022 as a result of both modeled and nonmodeled significant catastrophe events. Assurant defines a reportable catastrophe event as an individual catastrophe event that generates losses in excess of $5.0 million, pre-tax, net of reinsurance and client profit-sharing adjustments and including reinstatement and other premiums. This data includes hurricanes, earthquakes, and other perils, of which hurricanes are the most significant to Assurant's business.

2022 Net Incurred Catastrophe Losses
<table>
<tr><th>Event Type</th><th>Incurred Losses*</th></tr>
<tr><td>Hurricane</td><td>$118.9M</td></tr>
<tr><td>Earthquake</td><td>$ 0</td></tr>
<tr><td>Other Perils</td><td>$20.3M</td></tr>
<tr><td>Total</td><td>$139M</td></tr>
</table>
*Includes incurred but not reported (IBNR) estimates. Excludes approximately $35M of reinstatement premiums.</td></tr>
<tr><td>FN-IN-450a.3</td><td>Description of approach to incorporation of environmental risks into (1) the underwriting process for individual contracts, and (2) the management of firm-level risks and capital adequacy</td><td>Assurant has an extensive risk management process, covering both pricing and underwriting of policies as well as management of firm-level risks. For further information about Assurant's risk management processes, refer to the following in Assurant's Fiscal Year 2022 Form 10-K filing:

Item 1. Business, specifically, pages 17-19 covering Global Risk Management and pages 7 and 9-10 covering the segment-level risk management for Global Lifestyle and Global Housing, respectively.

See also Assurant's 2023 Sustainability Report, Task Force on Climate-Related Financial Disclosures (TCFD) Index, specifically the section titled Risk Management.</td></tr>
</table>

Topic Area	Metric Code	Metric Description	Disclosure[2]
Systemic Risk Management	FN-IN-550a.1	Exposure to derivative instruments by category: (1) total potential exposure to noncentrally cleared derivatives, (2) total fair value of acceptable collateral posted with the Central Clearinghouse, and (3) total potential exposure to centrally cleared derivatives	Assurant uses derivative financial instruments on a limited basis to hedge risk. For more information, see Investments on pages F-30–F-36, Fair Value Disclosures on page F-37, and Interest Rate Derivatives on page F-60 of Assurant's Fiscal Year 2022 Form 10-K filing.
	FN-IN-550a.2	Total fair value of securities lending collateral assets	As Assurant doesn't engage in securities lending, we don't consider this metric to be applicable to our business model. For more information, please see the Investments portion of Item 7, MD&A, on pages 58-59 of Assurant's Fiscal Year 2022 Form 10-K filing.
	FN-IN-550a.3	Description of approach to managing capital and liquidity-related risks associated with systemic noninsurance activities	For information on our approach to managing capital resources and liquidity and related risks, please see the Liquidity and Capital Resources portion of Item 7, MD&A, on pages 59–64 and Risk Factors on pages 19–39 of Assurant's Fiscal Year 2022 Form 10-K filing.

Telecommunication Services Industry Metrics

Topic Area	Metric Code	Metric Description	Disclosure[2]
Telecom – Activity Metrics	TC-TL-000.A	Number of wireless subscribers	As a provider of mobile device solutions, extended service products, and related services for mobile devices, Assurant doesn't have any wireless, wireline or broadband subscribers nor do we have network traffic. These metrics are therefore not applicable to our business.
	TC-TL-000.B	Number of wireline subscribers	
	TC-TL-000.C	Number of broadband subscribers	
	TC-TL-000.D	Network traffic	
Environmental Footprint of Operations	TC-TL-130a.1	(1)Total energy consumed (Gigajoules), (2) Percentage grid electricity, (3) Percentage renewable	(1) The total CY2022 (actual & estimated) energy consumption (GJ): 150,798[1] (2) Grid electricity: 84% (3) Renewable: 0%

Topic Area	Metric Code	Metric Description	Disclosure[2]
Data Privacy	TC-TL-220a.1	Description of policies and practices relating to behavioral advertising and customer privacy	As a provider of mobile device solutions, extended service products, and related services for mobile devices, Assurant doesn't have any wireless, wireline, or broadband subscribers nor do we have network traffic. Thus, this SASB metric isn't applicable to Assurant's business model. Assurant's privacy practices are outlined in Assurant Privacy Policies, which can be found here: (1) Assurant's Privacy Policy ; and (2) Additional jurisdiction-specific privacy statements for North America, Europe, Asia-Pacific, and Latin America, and the Caribbean are available via the links at the bottom of Assurant's WHAT WE DO website.
	TC-TL-220a.2	Number of customers whose information is used for secondary purposes	
	TC-TL-220a.3	Total amount of monetary losses as a result of legal proceedings associated with customer privacy	Assurant doesn't have any material pending legal proceedings associated with privacy-related issues. For further information about material pending legal proceedings in which Assurant is involved, see the Legal and Regulatory Matters portion of Note 28, Commitments and Contingencies, on page F-80 of Assurant's Fiscal Year 2022 Form 10-K filing.
	TC-TL-220a.4	(1) Number of law enforcement requests for customer information, (2) Number of customers whose information was requested, (3) Percentage resulting in disclosure	This metric is specific to traditional telecommunications businesses. Assurant doesn't consider this metric applicable to our business model.
Data Security	TC-TL-230a.1	(1) Number of data breaches (2) Percentage involving personally identifiable information (PII) (3) Number of customers affected	Assurant didn't experience any material information security breaches in 2022. For more information, see the Cybersecurity and Privacy Regulation portion of Item 1. Business on page 17 in Assurant's Fiscal Year 2022 Form 10-K filing.
	TC-TL-230a.2	Description of approach to identifying and addressing data security risks, including use of third-party cybersecurity standards	Assurant's Information Security Program is in place to manage cyber risk for the organization. It includes a comprehensive set of written policies and standards aligned to the global International Organization for Standardization (ISO), which are mapped to the United States' National Institute of Standards and Technology (NIST) framework. The policies have been established at the enterprise level and apply to all Assurant subsidiaries and businesses. The Information Technology Committee of Assurant's Board of Directors is responsible for oversight of information technology risk assessment

Topic Area	Metric Code	Metric Description	Disclosure[2]
Data Security (cont.)			and risk management. This includes oversight of cybersecurity policies, controls and procedures, such as procedures to identify and assess internal and external cybersecurity risks. The Information Technology Committee receives updates from management, including the Chief Information Security Officer, on internal and external cybersecurity risks at least quarterly.
Product End-of-Life Management	TC-TL-440a.1	(1) Materials recovered through takeback programs, percentage of recovered materials that were (2) reused, (3) recycled, and (4) landfilled	See Climate, Energy, and Emissions starting on page 26 of Assurant's 2023 Sustainability Report.
Competitive Behavior & Open Internet	TC-TL-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	Assurant and its subsidiaries weren't party to material litigation relating to anti-competitive behavior regulations as defined by the Federal Trade Commission, nor did Assurant or its subsidiaries suffer any monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations in 2022. For further information about material pending legal proceedings in which Assurant is involved, see the Legal and Regulatory Matters portion of Note 28, Commitments and Contingencies, on page F-80 of Assurant's Fiscal Year 2022 Form 10-K filing.
	TC-TL-520a.2	Average actual sustained download speed of (1) owned and commercially-associated content and (2) nonassociated content	These metrics are not applicable to Assurant's business model.
	TC-TL-520a.3	Description of risks and opportunities associated with net neutrality, paid peering, zero rating, and related practices	
Managing Systemic Risks from Technology Disruptions	TC-TL-550a.1	System average interruption frequency and customer average interruption duration	
Technology Disruptions	TC-TL-550a.2	Discussion of systems to provide unimpeded service during service interruptions	

1. Total energy includes electricity, natural gas and stationary diesel usage at global facilities. Source data was used where possible. Where source data was unavailable, data for electricity and natural gas usage was estimated using energy intensity per square foot from the U.S. Energy Information Administration (EIA), Office of Energy Consumption and Efficiency Statistics. Data from the April 2022 U.S. EPA Emission Factors for Greenhouse Gas Inventories was used for converting from volume usage to energy for natural gas and diesel. A natural gas heat content of 0.001026 mmBTU per cubic foot and a diesel heat content of 0.138 mmBTU per gallon were used.

2. Page numbers associated with Assurant's Fiscal Year 2022 Form 10-K filing references align with the 2022 Annual Report to Security Holders published in March 2023.