

## Intellectual Property

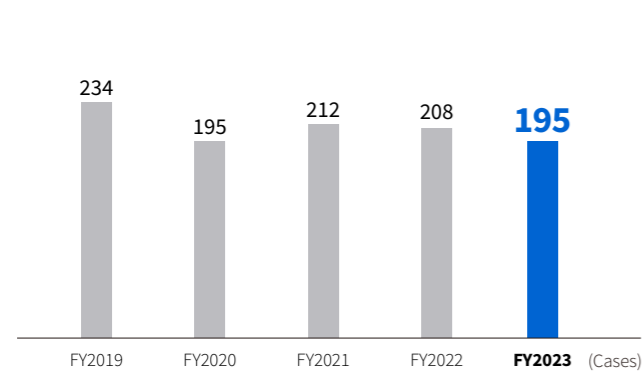
### Protection of Toshiba Brand

The Toshiba brand represents the corporate value of Toshiba Group, as well as the quality and reliability of the products and services we provide. To ensure the protection of the Toshiba brand, we actively manage trademark rights and take measures to eliminate counterfeit products.

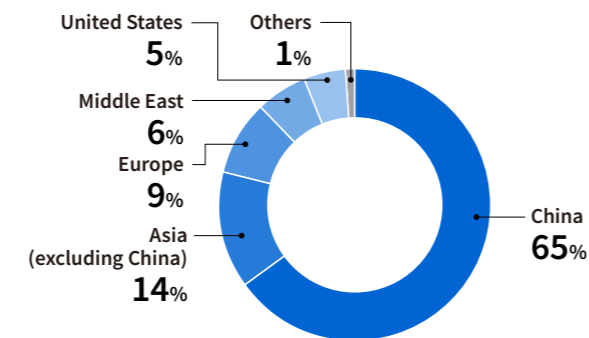
Failure to address counterfeit Toshiba products not only undermines our brand value and public trust, but also poses risks to customers who may mistakenly purchase counterfeits that do not meet expected quality standards. Additionally, counterfeit products increase the risk of accidents.

To combat this issue, we actively work to eradicate counterfeit products, collaborating with anti-counterfeit organizations in Japan and internationally and engaging with local government agencies to advocate for stronger enforcement measures.

### Trends in Incidents of Counterfeit Products up to FY2023



### Breakdown of Incidents of Counterfeit Products by Country and Region in FY2023



### Evaluation by External Parties

Toshiba Group's state-of-the-art technologies and the Toshiba brand are widely recognized and highly valued by society. Below is a list of key awards and recognitions we have received in the field of intellectual property.

### Selected for Clarivate Top 100 Global Innovators™ 2024

Clarivate, a global information services company, has selected Toshiba for 13 years running as one of the Clarivate Top 100 Global Innovators™, a list of the best 100 innovative companies and institutions around the world, based on Clarivate's patent data analyses.



### “High-Safety Battery Module and Energy Storage System” Wins the Kanto Region Invention Encouragement Award for FY 2023

Our high-safety battery module and energy storage system has been recognized by the Japan Institute of Invention and Innovation (JIII) in its program to honor outstanding inventions. This system was awarded the Invention Encouragement Prize. Equipped with enhanced fail-safe mechanisms, the system achieves the high safety standards required for mass transportation fields, such as railways.

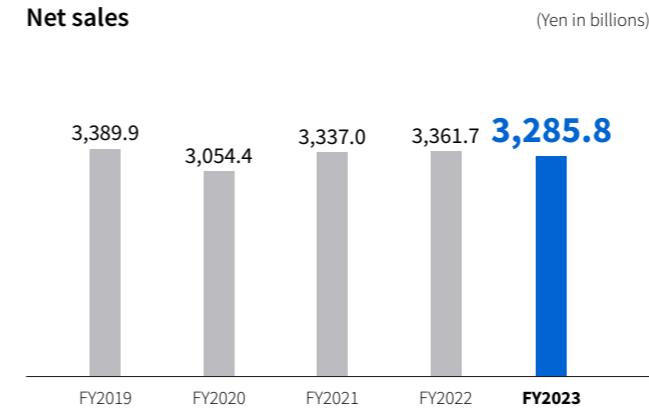
The system's protection mechanism features multiple independent circuits for detecting over-temperature and over-voltage. These circuits monitor for abnormalities within their respective systems, preventing fault propagation from one system to another and significantly improving reliability.

Battery Module Type-S and component products, which incorporate this invention, employ a configuration of two parallel and 12 serial battery cells. They have achieved Safety Integrity Level 4 (SIL4) of the RAMS (Reliability, Availability, Maintainability, and Safety) standard, the highest safety level. These products are now being deployed both in Japan and international markets.

# Financial Highlights (Consolidated)

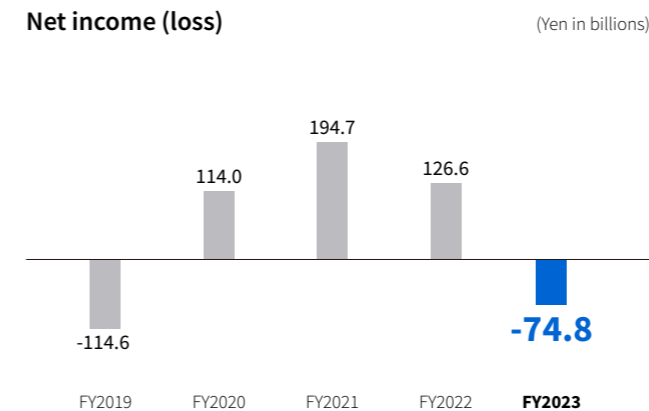
## Performance Trends Over the Past 5 Years

### Net sales



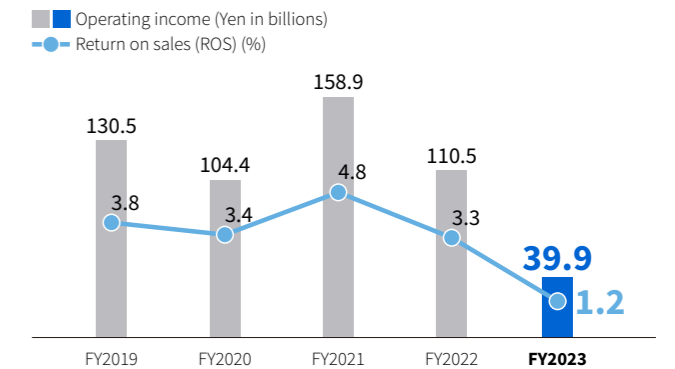
Net sales for Retail & Printing and Infrastructure Systems increased due to higher volumes; however, overall net sales decreased year-on-year, primarily due to the impact of the sale of Toshiba Carrier Corporation (-94.9 billion yen), resulting in total net sales of 3,285.8 billion yen.

### Net income (loss)



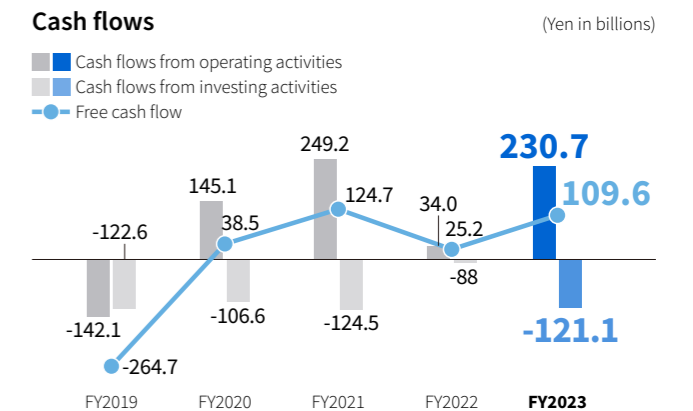
Net income resulted in a net loss of 74.8 billion yen, due to the equity losses from Kioxia Holdings Corporation (-87.3 billion yen), booked tax expenses, etc.

### Operating income/Return on sales (ROS)



Operating profit was positively impacted by strong performances in Public Infrastructure, Transmission & Distribution Systems, and Power Generation Systems. On the other hand, it was negatively impacted by losses, such as provisions for product warranties in HDDs and Power Generation Systems (-36.8 billion yen), cost reassessments in projects (-30.8 billion yen), and goodwill impairment in the Printing business (-11.5 billion yen), resulting in total operating income of 39.9 billion yen.

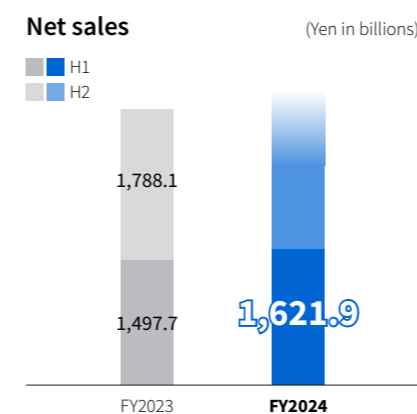
### Cash flows



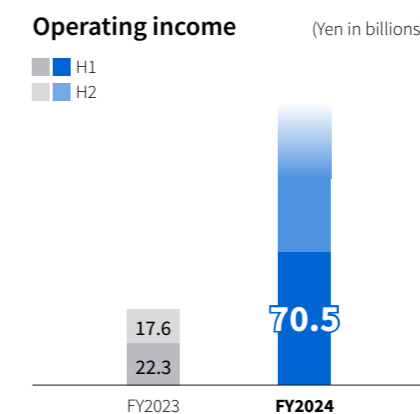
Free cash flow improved due to better working capital management, resulting in cash inflow of 109.6 billion yen.

## First-Half Results for FY2024: Year-on-Year Comparison

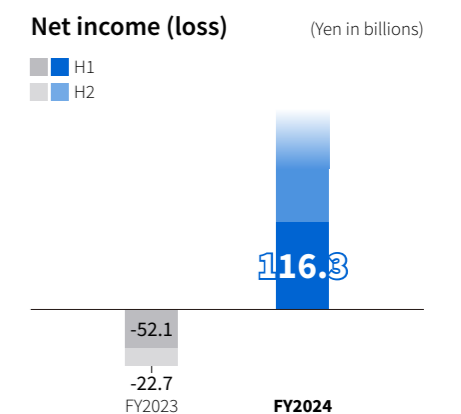
### Net sales



### Operating income



### Net income (loss)

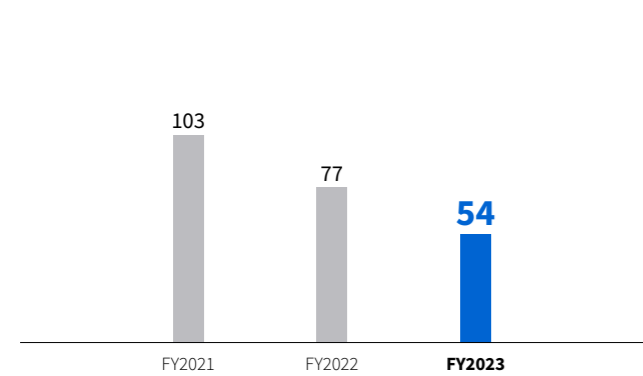


Business performance in the first half of FY2024 saw a significant improvement over the same period last year, driven by strong performances in HDDs, Power Generation Systems, and Retail & Printing. Additionally, the Building Solutions segment, which posted a loss last year, showed improvement.

Operating income of 70.5 billion yen was 3.2 times higher than for the same period last year, and marked the highest record since its business portfolio was changed in fiscal year 2018 to exclude the memory business. This was largely due to the result of management reforms, such as pricing strategies and fixed cost reduction. Net income also increased significantly year-on-year, driven by improved equity earnings from Kioxia Holdings Corporation.

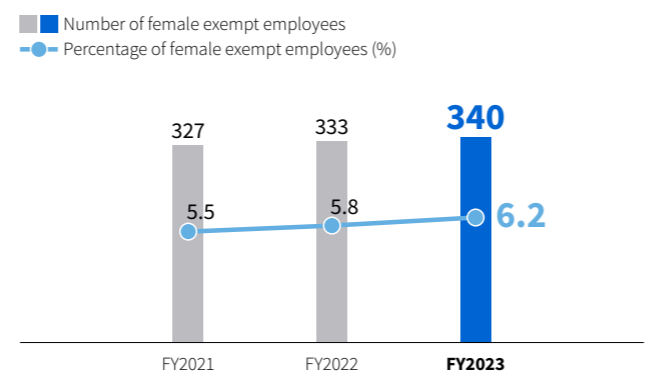
# Non-Financial Highlights (Consolidated)

**Total GHG Emissions (Scope 1+Scope 2)\*1** (10,000t-CO<sub>2</sub>)



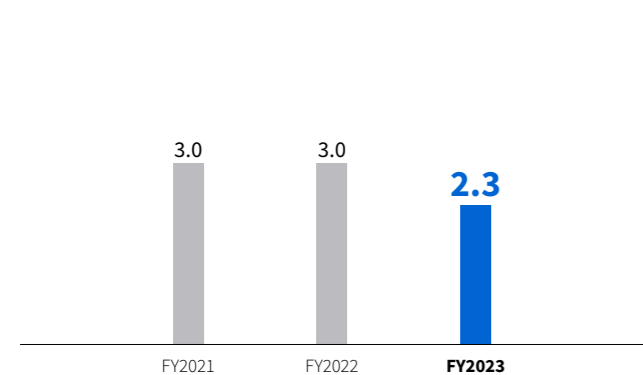
\*1 CO<sub>2</sub> emissions from electricity are calculated using emission coefficients provided by power companies.

**Number and Percentage of Female Employees in Managerial Positions in Toshiba Corporation and Key Group Companies\*5**



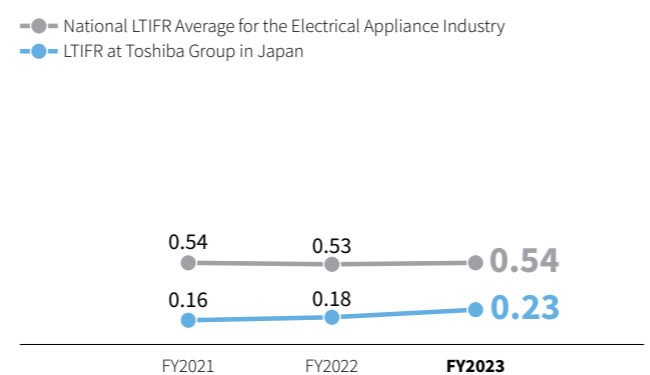
\*5 Sum of the figures for Toshiba Corporation, Toshiba Energy Systems & Solutions Corporation, Toshiba Infrastructure Systems & Solutions Corporation, Toshiba Electronic Devices & Storage Corporation, and Toshiba Digital Solutions Corporation

**Waste Volume\*2** (10,000t)



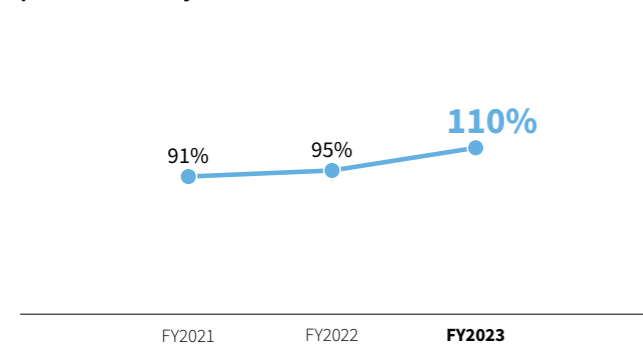
\*2 Obtained by deducting the volume of objects with value from the total volume of waste generated (excluding sites engaged in waste treatment and power generation).

**Lost Time Injury Frequency Rate (LTIFR)\*6 at Toshiba Group in Japan**



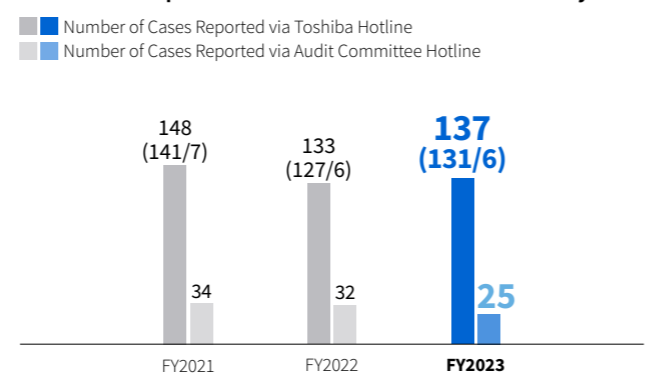
\*6 The number of lost time injuries occurring in a workplace per one million man-hours worked. Note: Includes incidents involving part-time, temporary, fixed-term, and dispatched workers.

**Rate of Improvement\*3 of the Amount of Water Received per Unit Activity\*4**



\*3 The rate of improvement per unit activity of output with FY2020 as 100%.  
\*4 Basic-unit uses values such as production output, the number of products manufactured, the number of people, the total floor area, etc., that are related to the amount of water received associated with manufacturing.

**Number of Reports Received via the Whistleblower System**



Notes:  
- Includes duplicate reports made to the internal secretariat  
- Numbers in parentheses (Cases received by the internal secretariat/cases received by the attorney's office)

# Business Domains

## Energy Systems & Solutions ▶ p. 29

The scope of our business embraces large-scale power generation systems for nuclear and thermal power, along with renewable energy generation systems for hydro, geothermal, solar, and wind power. Our related businesses include power transmission and distribution systems that deliver electricity directly to end users, virtual power plants (VPPs) for the efficient utilization of distributed energy sources, and green hydrogen energy systems that harness renewable energy.

### ▶ Energy Business Domain:

- Toshiba Energy Systems & Solutions Corporation
- Toshiba Plant Systems & Services Corporation

## Infrastructure Systems & Solutions ▶ p. 31

For many years, we have provided products, systems, and services to public-sector customers responsible for maintaining the infrastructure of essential utilities. In coming years, we will fully embrace IoT and artificial intelligence (AI) in order to establish safer, more secure, and more convenient social infrastructure systems.

### ▶ Social Infrastructure Business Domain:

- Toshiba Infrastructure Systems & Solutions Corporation

## Building Solutions ▶ p. 33

Our portfolio covers elevators & escalators for buildings and facilities, ventilation, and lighting, all essential to the day-to-day comfort of people. Through these businesses, we also offer energy-saving, environmentally conscious products and services, as well as building solutions that improve building security and reliability.

### ▶ Building Solutions Business Domain:

- Toshiba Elevator and Building Systems Corporation
- Toshiba Lighting & Technology Corporation

## Retail & Printing Solutions

- Toshiba Tec Corporation

## Electronic Devices & Storage Solutions ▶ p. 35

We anticipate steady growth, and are promoting expansion in our electronic devices & storage solutions business by focusing on semiconductors for automobile and industrial use, large-capacity HDDs for data centers, semiconductor manufacturing equipment, and parts and materials. By supplying high value-added products, we will contribute to the achievement of carbon neutrality, the development of a digital society and the realization of a safe and secure society.

### ▶ Electronic Devices Business Domain:

- Toshiba Electronic Devices & Storage Corporation
- NuFlareTechnology, Inc.

## Digital Solutions ▶ p. 37

By utilizing the knowledge that Toshiba has amassed across numerous business domains, along with cutting-edge technologies like IoT, AI and quantum related technologies, we create digital solutions that provide our customers with new value and services, and that enrich the wider society.

### ▶ Digital Solutions Business Domain:

- Toshiba Digital Solutions Corporation

## Others (Battery Business) ▶ p. 39

We develop, manufacture, and sell the "SCiB™," a rechargeable lithium-ion battery that is highly safe, has a long lifetime, recharges fast, and operates in low temperatures. The SCiB™ is used in many fields—in automobiles, railways, industrial equipment like automated guided vehicles, and even in large-scale stationary power storage system, where it regulates the frequency of renewable energy generation.

We are expanding our business by bringing the SCiB™ into markets where its unique characteristics make a difference, whether it be a reduction of the carbon footprint and operating costs through the electrification of systems, or improved reliability from the establishment of an emergency battery system.