

Good Time - The War Without Gunfire - War No. 19 (detail) | Tsai Yi-Ju

First Prize of 1st CTBC Painting Prize

### **CTBC Bank Co., Ltd.**

Address: No. 166, 168, 170, 186, 188, Jingmao 2nd Rd., Nangang Dist.,  
Taipei City 115, Taiwan (R.O.C.)  
Tel: +886-2-3327-7777  
Website: <https://www.ctbcbank.com>

### **Spokesperson**

Name: Rachael Kao  
Position: Executive Vice President  
Tel: +886-2-3327-7777  
Email: [rachael.kao@ctbcbank.com](mailto:rachael.kao@ctbcbank.com)

### **Deputy Spokesperson**

Name: Megan Hsu  
Position: Senior Vice President  
Tel: +886-2-3327-7777  
Email: [megan.hsu@ctbcbank.com](mailto:megan.hsu@ctbcbank.com)

### **Stock Transfer Agency**

Agency: Transfer Agency Department, CTBC Bank Co., Ltd.  
Address: 5F., No. 83, Sec. 1, Chongqing S. Rd., Zhongzheng Dist.,  
Taipei City 100, Taiwan (R.O.C.)  
Tel: +886-2-6636-5566  
Website: <https://www.ctbcbank.com>

### **Certified Public Accountants**

Names: Lin Wu, Fu-Jen Chen  
Business Office: KPMG Certified Public Accountants  
Address: 68F., No. 7, Sec. 5, Xinyi Rd., Xinyi Dist.,  
Taipei City 110, Taiwan (R.O.C.)  
Tel: +886-2-8101-6666  
Website: <http://www.kpmg.com.tw>

### **Credit Rating Institutions**

#### **Taiwan Ratings Corp.**

Address: 2F., No. 167, Dunhua N. Rd., Songshan Dist., Taipei City 105,  
Taiwan (R.O.C.)  
Tel: +886-2-2175-6800  
Website: <https://www.taiwanratings.com>

### **S&P Global Ratings**

Address: Level 3 and 4, Three Exchange Square, 8 Connaught  
Place, Central, Hong Kong  
Tel: +852-2533-3500  
Website: <https://www.spglobal.com/ratings/en/>

### **Moody's Investors Service Hong Kong Ltd.**

Address: 24/F., One Pacific Place, 88 Queensway, Admiralty,  
Hong Kong  
Tel: +852-3758-1300  
Website: <https://www.moodys.com>

### **Overseas Exchange for Trading of Company Securities** (None)

For the contact information of our headquarters and various  
branches in Taiwan and overseas, please refer to page 47-52

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## **1. Letter to shareholders**

Dear fellow shareholders:

In 2022, governments worldwide implemented significant increases in interest rates in response to inflation caused by the pandemic and geopolitical risks, particularly soaring energy prices. In this volatile, high-interest, and high-inflation environment, CTBC Bank pursued steady growth through a diversified business structure. Our institutional banking business maintained strong momentum and retail banking business remained robust, while in the capital market, our foreign exchange business improved. In addition, the interest rate hikes brought an expansion in margin. As a result, we achieved pre-tax profit growth of over 30% in 2022.

Looking ahead in 2023, there is high uncertainty in the global economy due to the impact of the pandemic and changes in the international political landscape. As such, our Bank has adopted various measures to ensure stable business operations, fulfill our social responsibility, work with the government, and help our customers and employees overcome whatever challenges the future brings.

### **2022 business plan and operating results**

In terms of financial performance in 2022, CTBC Bank reported annual consolidated net revenue of NT\$118.8 billion, consolidated pre-tax income of NT\$47.4 billion, and consolidated net income attributable to the parent company of NT\$37.1 billion, with a consolidated after-tax ROE of 11.35%, which placed us in the leading position in the industry. We saw a 13% increase in consolidated net revenue and a 25% increase in consolidated net income attributable to the parent company from the 2021 fiscal year, achieving 106% of budgeted consolidated after-tax net income.

Regarding product and service innovation, CTBC Bank continued to improve its digital financial services. To support the development of SMEs and implement inclusive finance, the Bank launched a digital SME loan platform. This platform offers a 24-hour online application service for sole proprietorship or partnership micro-enterprises and regular companies, and utilizes many patented technologies and process mechanisms for remote verification. This contactless procedure eliminates the typical waiting time required for correspondence, thereby reducing the turnaround time to as little as two days. In addition, CTBC Bank continued to optimize the customer experience by integrating AI technology into its Home Bank app to launch four major features: smart search, wealth management service recommendations, remote wealth management, and AI dialogue. These features provide custom search results and recommendations based on customers' needs as well as remote wealth management consultations and real-time assistance. As a result, customers can enjoy more intuitive, real-time, and warm financial services.

Regarding organizational changes, to facilitate our international institutional banking business, in January 2022, we established the Southeast Asia Region Division and Northeast Asia & North America Region Division under the International Business Group to be responsible for the institutional banking business of regional branches, subsidiaries, and representative offices. Additionally, in November, we established the Taiwan Region Group, Institutional Banking, to cultivate institutional banking business domestically. That same month, we established the Mainland China RB Preparatory Division to expand our retail banking business in mainland China. We also supported the Bank's continual technological transformation and innovation in 2022; in January, we promoted and transformed the Financial Technology Development Center into the Technology Group, responsible for integrating digital finance, data and technology development, information management, and information transformation to achieve the best customer experience and business development. Also in January, to support the risk management of overseas branches and subsidiaries and to facilitate business growth on the foundation of effective credit risk management, we established the International Credit Risk Management Division to be responsible for the planning and control of international credit risk management.

CTBC Bank received substantial acclaim in 2022 from domestic and international institutions. The Bank won multiple awards at the 11th Taiwan Banking and Finance Best Practice Awards organized by the Taiwan Academy of Banking and Finance. Additionally, it was ranked 158th among the global top 1,000 banks by The Banker, taking first place in Taiwan for the sixth consecutive year, and was crowned the Most Valuable Bank Brand in Taiwan for the eighth consecutive year in Brand Finance's Banking 500 rankings for 2022. The Bank was the first financial institution in Taiwan to receive the Most Innovative in Digital Banking in Asia Pacific honor from The Banker thanks to its outstanding digital capabilities. Moreover, the Bank was recognized as Best Digital Bank in Taiwan by multiple financial media outlets, including The Asset, The Digital Banker, Asiamoney, Euromoney, and Global Banking & Finance Review. CTBC Bank's efforts in sustainable finance also received recognition from Global Finance and FinanceAsia, which named it Best Bank for Sustainable Finance in Taiwan and Best Sustainable Bank in Taiwan, respectively. These accolades reflect CTBC Bank's outstanding performance in business development, digital innovation, and sustainable transformation even amid market turbulence and pandemic challenges.

In risk management, CTBC Bank continued to strictly control its asset quality and capital adequacy. In 2022, our consolidated non-performing loan and coverage ratios were 0.49% and 332.15%, respectively, indicating satisfactory asset quality, while our consolidated BIS ratio was 14.06%, signifying a sound capital structure. Furthermore, domestic and international credit rating agencies maintained their stable outlooks for the Bank on the back of its diverse business sources, adequate risk management, good funding sources and liquidity, and leading business position in the domestic market.



## Latest credit ratings and publication dates

Rating agency	Credit rating		Outlook	Publication date
	Long-term	Short-term		
Moody's	A1	P-1	Stable	March 29, 2023
S&P Global Ratings	A	A-1	Stable	Nov. 8, 2022
Taiwan Ratings	twAA+	twA-1+	Stable	Nov. 8, 2022

## Impact of the competitive, regulatory, and overall business environments

Although the lifting of pandemic control restrictions contributed to the global economic recovery in 2022, the world saw the most severe inflation since the 1970s. This was due to changes in the economic and labor market structure caused by the pandemic, as well as geopolitical risks leading to soaring energy prices. In response to this situation, central banks around the world adopted substantial interest rate increases to suppress inflation, which in turn affected the economic recovery. The International Monetary Fund predicted a substantial decrease in global economic growth, from 6.1% in 2021 to 3.2% in 2022. The forecast growth rate of developed economies fell from 5.2% to 2.5%, while that of emerging economies decreased from 6.8% to 3.6%. Due to a slowdown in global demand leading to high inventory pressure for major export companies, Taiwan's economy saw a decrease from 6.5% growth in 2021 to 2.5% in 2022, according to the Directorate General of Budget, Accounting and Statistics. Central banks worldwide proactively adopted measures to suppress inflation through their monetary policy in 2022. In the United States, the Fed raised interest rates a total of 4.25 percentage points in 2022 as well as reduced its asset purchase program in the middle of the year. In response to high inflation risks, Taiwan's central bank activated an interest rate cycle in the first quarter of 2022, resulting in an accumulative increase of 0.625 percentage points for the year. It also increased the required reserve ratio by 0.25 percentage points in both the second and third quarters, gradually stabilizing money supply (M2). Overall in 2022, the global economy experienced a notable slowdown, with various economic and political uncertainties impacting financial markets. Major central banks implemented drastic interest rate hikes to combat rising inflation, leading to significant fluctuations in financial markets and a challenging business environment for banks.

## **2023 business plan outline and future development strategies**

Looking ahead, CTBC Bank will focus on developing its core business, expanding in overseas markets, and promoting an operational transformation:

### **1. Stably grow our core customer base and expand emerging business**

CTBC Bank is committed to enhancing its core business operating model and developing differentiated value propositions to maintain its leading position in the domestic market. In the retail banking sector, we recognize the impact of post-pandemic market fluctuations and shortened business cycles. Therefore, we are dedicated to providing innovative and diverse products and services that cater to customers' domestic and overseas wealth management needs. Regarding our payment business, we are focused on developing innovative payment services, exploring strategic alliances, and refining our digital customer acquisition models to improve the customer experience. In institutional banking, we will remain committed to our SME customers by providing a comprehensive, one-stop-shop experience that satisfies their unique needs. Our dedicated business teams will cultivate key markets, and we will continue to develop differentiated financial services through a diverse product portfolio and customization capabilities. Furthermore, we aim to optimize internal processes and improve operational efficiency to better serve our customers.

### **2. Build an overseas operating model to create stable profit sources**

In response to the global restructuring of supply chains due to the pandemic and geopolitical risks, we will strive to enhance our overseas performance by improving our cross-border platforms, cooperation mechanisms, and products and services. Additionally, we will leverage our experience and resources in Taiwan to support our overseas business needs. CTBC Bank has been continually and proactively cultivating the Southeast Asia market, most recently increasing our shareholding in Thailand's LH Financial Group Public Co., Ltd. (LHFG) in 2021. Since then, LHFG is set with a particular focus on local mid-sized enterprises, Taiwanese-operated businesses, and consumer banking in order to stabilize our profit base. Furthermore, we plan to develop our local SME and payment business to build sustainable long-term growth momentum.

### **3. Promote operational transformation to product and service innovations**

To improve customer satisfaction and optimize operational quality, we have expanded the implementation of our digital end-to-end strategy, accelerating digitalization and utilizing technologies such as Big Data and AI to create a differentiated customer experience. However, as our existing core system has been supporting the Bank's operation for almost 30 years, we recognize the need for a new core structure with greater flexibility and a faster time to market. To meet this need, CTBC Bank will introduce our next-generation technology architecture in phases, which will fulfill our business development needs while ensuring stable and continuous operations.

In an environment of increasing global financial uncertainty, we will continue to pursue business growth while maintaining risk discipline and will maximize value for our shareholders through diversified profit sources and solid asset quality.

Chairman

A handwritten signature in black ink, appearing to be "Paul", written in a cursive style.



## **2. Company profile**

### **2.1. Company overview**

2.1.1. Date of establishment: March 14, 1966

#### 2.1.2. History of the Bank

Established in 1966 and later became a fully owned subsidiary of CTBC Holding in 2002, CTBC Bank has been building customers' wealth and Taiwan's economy for over half a century now. In that time, it has grown into an international force offering a comprehensive suite of financial services.

Guided by the business principles of integrity and caring, our Bank has a proud history punctuated by regular achievements and innovative services. From issuing the first credit card in Taiwan to setting up the first customer service center of any bank in the country, we have led the way in the financial industry's transformation, particularly by promoting the digitalization of business processes. As of the end of 2022, the Bank's consolidated assets totaled NT\$5.54 trillion, the most among all privately owned banks in Taiwan. It is also the best-performing bank in other indicators, such as profits, tier 1 capital, and client base.

In addition to its 152 branches nationwide, CTBC Bank has the most extensive international presence of any Taiwanese bank, with 218 overseas outlets across 14 countries and regions. With a subsidiary, The Tokyo Star Bank, purchased in Japan and CTBC Bank subsidiaries established in the U.S., Canada, the Philippines, and Indonesia, the Bank has laid a strong foundation for regional business, providing international enterprises with comprehensive transnational financial services.

Furthermore, in support of the Taiwanese government's New Southbound Policy, the Bank has proactively expanded its South and Southeast Asian business in recent years by leveraging its existing branches in Vietnam, India, and Singapore. It also increased its shareholding in a local Thai operator, LH Financial Group Public Company Limited (LHFG), to 46.61%, making it the largest shareholder of the group. The Bank further obtained more than half of the seats of the Board in October 2021. Meanwhile, in Greater China, the Bank is cultivating business in the Yangtze River Delta Economic Zone and the Guangdong–Hong Kong–Macau Greater Bay Area, with Shanghai at the heart of its expansion into the Chinese market. Together, these advances abroad are providing our customers with a more convenient and comprehensive service network.

Looking ahead, we're determined to continue leading the industry in digitalization, leveraging fintech and Big Data to drive innovation and create entirely new and engaging digital experiences for our customers. We will also continue to expand our efforts in operational performance, corporate governance, corporate social responsibility, and environmental sustainability as we cement our status as "Taiwan Champion, Asia Leader."

## **Domestic awards**

- **Financial Supervisory Commission, Liaison Meeting of Presidents of Domestic Banks and Commendations for Excellent Financial Institutions**

System, Package Plant and Construction Industry Export Syndicated Loan Platform - Excellence

- **Taiwan Academy of Banking and Finance, Taiwan Banking and Finance Best Practice Awards**

Best Wealth Management Award - Distinction

Best Digital Finance Award - Distinction

Best Risk Management Award - Distinction

Best Green Project Finance Award - Distinction

Best Corporate Trust Finance Award - Distinction

Best Consumer Finance Award - Excellence

- **Taiwan Institute for Sustainable Energy, Taipei Golden Eagle Micro-Movie Festival**

Two Top 10 Sustainable Micro-Movies Awards

- **Taiwan Institute for Sustainable Energy, Taiwan Corporate Sustainability Awards**

Talent Development Leader Award

Innovative Communication Award

Growth through Innovation Award

Social Inclusion Award

- **Taiwan Institute for Sustainable Energy, Taiwan Sustainability Action Awards**

CTBC Poverty Alleviation Program (Social Inclusion) - Gold

Love & Arts (Social Inclusion) - Gold

Branch Digital Journey (Economic Development) - Silver

- **Ministry of Economic Affairs' Small and Medium Enterprise Credit Guarantee Fund of Taiwan, Managers and Banks Outstanding in Implementing Guaranteed Financing**

Batch Credit Guarantee - Excellence Award

Youth Business, Startups and Micro Business Awards

Regional Development Award - Customer Growth Rate Group

- **Joint Credit Information Center Awards**

Gold Award

- **Trust Association of Republic of China, Trust 2.0 Program Assessment**

Employee Benefit Award

Trust Business Innovation Award

- **The Bankers Association of the Republic of China**

Customer Care in OTC Inquiries (Financial Institution) - Excellent Performance

Customer Care in OTC Inquiries (Financial Personnel) - Excellent Performance

- **Ministry of Finance**

Excellent Performance Bank in Referring Export Insurance Business

- **Sports Administration, Ministry of Education**

Taiwan iSports (Certificate of Corporate Wellness)

- **Sports Administration, Ministry of Education, Sports Activist Awards**

Sponsorship Category - Gold Award

Sponsorship Category (Long-Term) - Sponsorship Award

Award Promotion Category - Bronze Award

- **Environmental Protection Administration, Executive Yuan, National Enterprise Environmental Protection Awards - Silver**

- **Department of Economic Development and Department of Environmental Protection, Taipei City Government, Net Zero Leadership Awards**

Industrial Enterprises Group B - Excellence

- **Global Views Monthly, CSR & ESG Awards**

Public Welfare Promotion Group - No.1

- **Harvard Business Review, Digital Transformation Awards**

Outstanding Operational Transformation Award - Excellence

Business Model Transformation Award - Excellence

Business Model Transformation Award - ESG Special Award

- **Commercial Times, The Best Service in Taiwan**

Domestic Bank - Gold

- **Commercial Times, Taiwan Best Customer Center Award**

Bank - Gold

- **Commercial Times, Digital Finance Service Award**

Green Digital Financial Service Award - Gold

Digital Inclusion Award - Excellence

Digital Business Optimization Award - Excellence

Digital Information Service Award - Excellence

- **Commercial Times, Diverse Trust Innovation Awards**

Negotiable Securities Trust Innovation - Gold

Employee Benefit Trust Innovation - Gold

Insurance Trust Innovation - Excellence

Fund Custodian Trust Innovation - Excellence

Innovation Type Trust - Excellence

Service Type Trust - Excellence

- **Wealth Magazine, Wealth Management Survey**
  - Best Domestic Wealth Management
  - Best Service Award
  - Best Domestic Digital Finance
  - Best Practice Awards in Social Welfare
  - Best Video Marketing
- **Wealth Magazine, Taiwan Financial Awards**
  - Best FinTech Bank - Excellence
  - Best Domestic Bank - Customer Recommendation - Excellence
  - Best Domestic Digital Bank - Excellence
  - Best Banking Service - Excellence
  - Most Impactful Trust - Excellence
- **Business Today, Best Wealth Management of Banks and Securities**
  - Best Wealth Management Bank - High Distinction Award
  - Best Product - No. 1
  - Best Customer Satisfaction - No. 1
  - Best Digital Experience - No. 2
  - Best Financial Advisory Team - No. 2
  - Best Robo-Advisor - No. 3
  - Best Wealth Appreciation - No. 3
- **Business Next Magazine, Future Commerce Awards**
  - Best Technology Innovation - Gold
  - Best Management Innovation - Gold

#### **International awards**

- **Asiamoney**
  - Best Bank for Digital Solutions in Taiwan
  - Best for Mass Affluence/HNW in Taiwan
  - Best for ESG Investing in Taiwan
- **Asia Risk**
  - Taiwan House of the Year
- **Asian Banking & Finance**
  - Branch Innovation of the Year in Asia - Bronze
  - Domestic Retail Bank of the Year in Taiwan
  - Corporate & Investment Bank of the Year in Taiwan
  - Green Energy Deal of the Year in Taiwan
  - Consumer Finance Product of the Year in Indonesia - PT Bank CTBC Indonesia

- **Brand Finance**

Top 500 Banking Brands - No. 141

- **Euromoney**

Best Bank in Taiwan

Market Leader: Digital Solutions in Taiwan

Market Leader: Investment Banking in Taiwan

Market Leader: Corporate and Social Responsibility in Taiwan

Highly Regarded: ESG in Taiwan

Best Private Bank/Wealth Manager Overall in Taiwan

High Net Worth Clients in Taiwan

Mass/Super Affluent Clients in Taiwan

Mega High Net Worth Clients in Taiwan

Ultra High Net Worth Clients in Taiwan

Capital Markets and Advisory in Taiwan

ESG/Sustainable Investing in Taiwan

Family Office Services in Taiwan

International Clients in Taiwan

Investment Management in Taiwan

Next Generation in Taiwan

Philanthropic Advice in Taiwan

Research and Asset Allocation Advice in Taiwan

Serving Business Owners in Taiwan

Technology - Data Management and Security in Private Banking and Wealth Management in Taiwan

Technology - Innovative or Emerging Technology Adoption in Taiwan

Family Governance/Succession Planning in Taiwan

- **FinanceAsia**

Best Sustainable Bank in Taiwan

Best Private Bank in Taiwan

- **FinTech Futures**

Highly Commended: Best UX/CX in Finance Initiative

Highly Commended: Best Embedded Finance Initiative

- **Forbes**

The World's Best Banks - No. 2 in Taiwan

- **Global Finance**

Outstanding Innovation in Mobile Banking, Global

- World's Best Financial Innovation Labs - Financial Services Company Labs (Internal)
- Outstanding Leadership in Sustainable Infrastructure Finance in Asia Pacific
- Best Integrated Consumer Banking Site in Asia Pacific
- Best in Social Media Marketing and Services in Asia Pacific
- Best Bank in Taiwan
- Best Investment Bank in Taiwan
- Best Foreign Exchange Provider in Taiwan
- Best Sub-custodian Bank in Taiwan
- Best Bank for Sustainable Finance in Taiwan
- **Global Banking and Finance**
  - Banking Brand of the Year in Taiwan
  - Best Digital Bank in Taiwan
- **Hong Kong Quality Assurance Agency**
  - Outstanding Award for Green and Sustainable Loan Structuring Advisor
  - Pioneering Organisation in ESG Disclosure Enhancement
- **International Data Corporation**
  - FIIA 2022 Special Award
  - Best in Future of Industry Ecosystems in Taiwan
- **Project Finance International**
  - Asia Pacific Deal of the Year
- **Professional Wealth Management**
  - Best Private Bank for Digitally Empowering RMs in Asia
  - Best Private Bank in Taiwan
- **Private Banker International**
  - Highly Commended: Outstanding Private Bank for UHNW Clients, Global
- **Retail Banker International**
  - Highly Commended: Best ATM and Self-Service Innovation in Asia
  - Highly Commended: Best Credit Card Initiative in Asia
  - Highly Commended: Best Use of Technology in Advertising/Marketing Strategy in Asia
  - Highly Commended: Best Loan Offering in Asia - PT Bank CTBC Indonesia
  - Excellence in Loan Origination Process in Indonesia - PT Bank CTBC Indonesia
- **The Asset**
  - Renewable Energy M&A Deal of the Year, Global
  - Best Bank for Sustainable Finance, Domestic in Taiwan
  - Best Private Bank in Taiwan
  - Digital Bank of the Year in Taiwan

- Best Loan Adviser in Taiwan
- Best Transaction Bank in Taiwan
- Best Cash Management in Taiwan
- Best Trade Finance in Taiwan
- Best Domestic Custodian Bank in Taiwan
- Best Bank for Investment Solutions in Taiwan
- Best Bank for Investment Solutions - Rates in Taiwan
- Best Bank for Investment Solutions - Commodities in Taiwan
- Best Bank for Investment Solutions - FX in Taiwan
- Best Structured Investment and Financing Solutions - Rates in Taiwan
- Renewable Energy M&A Deal of the Year in Taiwan
- Renewable Energy Deal of the Year - Offshore Wind in Taiwan
- Best Retail Mobile Banking Experience in Taiwan
- Best Retail Digital Payment Experience in Taiwan
- Best ATM Project in Taiwan
- Best Cloud Based Project in Taiwan
- Best Gamification Project in Taiwan
- Top Arrangers - Investors' Choice for Primary Issues - Corporate Bonds - TWD
- **The Asian Banker**
  - Achievement in Climate Risk Management in Asia Pacific
  - Best Business Ecosystem Initiative in Asia Pacific
  - Best Retail Bank in Taiwan
  - Most Selected Main Retail Bank in Taiwan
  - Best Custodian Bank in Taiwan
  - Best Cash Management Bank in Taiwan
  - Best Digital Ecosystem Initiative in Taiwan
- **The Asia Pacific Loan Market Association**
  - Syndicated Project Finance Deal of the Year in Taiwan
- **The Banker**
  - Top 1000 World Banks - No. 158
  - Most Innovative in Digital Banking - Payment Category, Global
  - Most Innovative in Digital Banking in Asia Pacific
- **The Digital Banker**
  - Best Payments Innovation, Global
  - Best RPA Initiative, Global
  - Outstanding Personalized 1:1 Marketing Initiative, Global



Best Retail Bank in Asia Pacific

Outstanding Digital CX Strategy in Asia, Overall

Best Retail Bank in Taiwan

Best Digital Bank for CX in Taiwan, Overall

Best Digital Bank in Taiwan

Best Bank for Cash Management in Taiwan

Best Bank for Trade Finance in Taiwan

Highly Acclaimed: Loan Offering of the Year, Global - PT Bank CTBC Indonesia

Highly Acclaimed: Outstanding CX in Digital Sales Strategy in Indonesia - PT Bank CTBC Indonesia

- **The Global Economics**

Most Innovative Digital Bank in Taiwan

Most Innovative Cash Management Bank in Taiwan

- **World Branding Forum**

Brand of the Year in Taiwan

- **World Business Outlook**

Most Innovative Digital Bank in Taiwan

- **Berita Satu**

Indonesia Best Digital Bank: KBMI 1, Data Category - PT Bank CTBC Indonesia

- **The Iconomics**

Top Bank Award: KBMI 1, Category - PT Bank CTBC Indonesia

- **Warta Ekonomi**

Indonesia Best Bank for the Optimizing Business Growth Through Corporate Strategic Initiatives - PT Bank CTBC Indonesia

- **Indonesia State Owned Enterprise Foundation**

Recognition for Contributing and Helping to Overcome Humanitarian Problems (Especially for COVID-19 Pandemic) - PT Bank CTBC Indonesia

- **The Stock Exchange of Thailand**

The List of Thailand Sustainability Investment - LHFG

- **Thai Investors Association and Securities and Exchange Commission**

Excellent Score from Quality Assessment of Annual General Meeting Arrangement among Listed Companies - LHFG

- **Thai Investors Association**

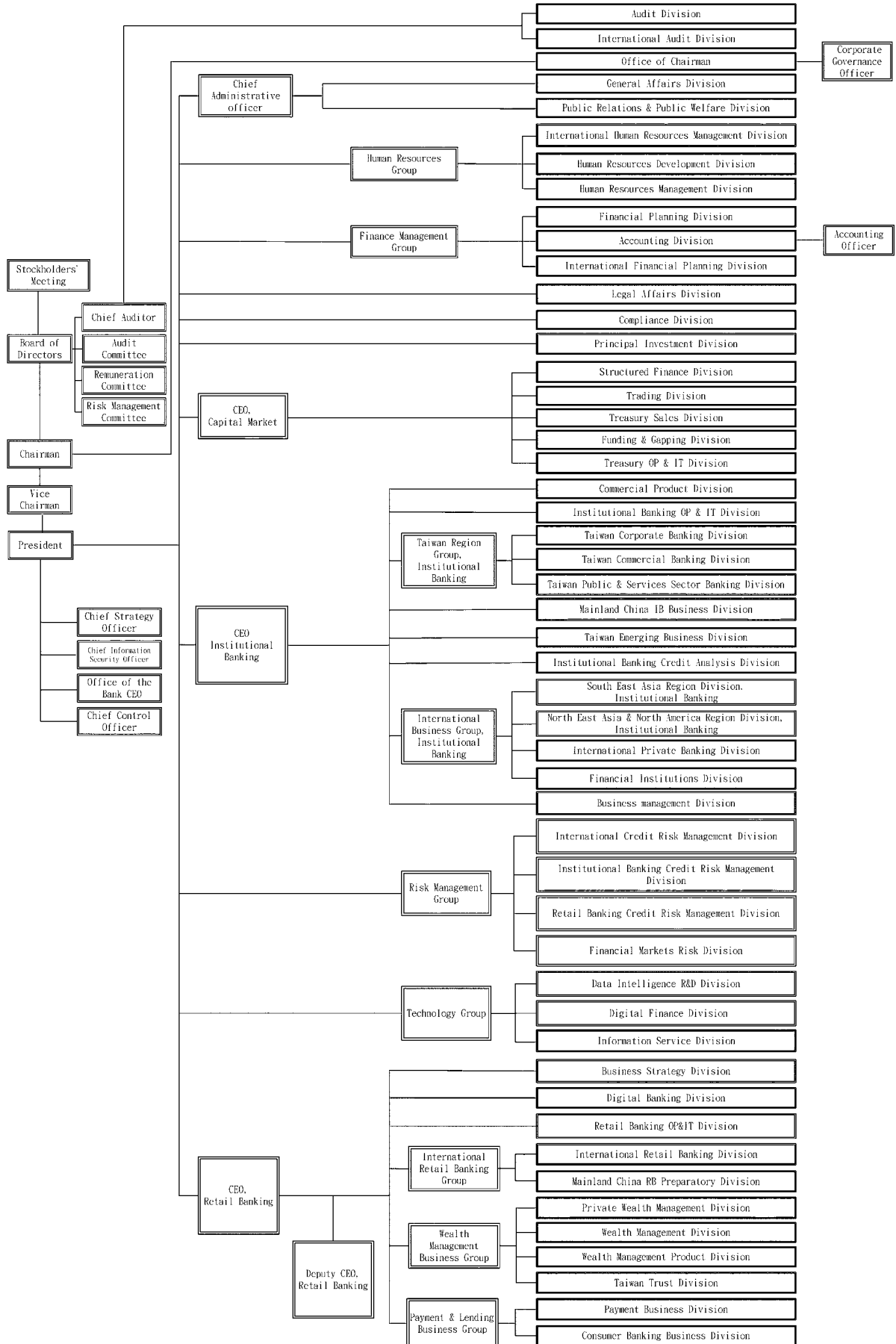
Investors' Choice Awards - LHFG

- **Thai Institute of Directors Association**

Excellent Level for Corporate Governance Report of Thai Listed Companies - LHFG

## 2.2. Our organization

### 2.2.1. Organization chart



## 2.2.2. Directors and supervisors

Title	Name	Date of assignment	Office term	Significant experience	Education
Chairman	Ming-Shieh Li	June 17, 2022	3 years	Vice Chairman, CTBC Bank Co., Ltd. Chairman, CTBC Capital Corp. Chairman, CTBC Bank Corp. (USA) Director, LH Financial Group Public Company Limited Director, Land and Houses Bank Public Company Limited Director, Financial Information Service Co., Ltd. Director, Straits Exchange Foundation Director, CTBC Business School Executive Director, President, China Guangfa Bank Co., Ltd. Chairman, Citibank Taiwan Ltd. SEVP, CTBC Bank Co., Ltd. Director, The Bankers Association Of The Republic Of China	B.A., Department of Economics, National Taiwan University
Vice Chairman	Ting-Jeng Chan	June 17, 2022	3 years	Deputy Director General, Department of Commerce, Ministry of Economic Affairs Director General, Department of Legal Affairs, Financial Supervisory Commission Chief Secretary, Financial Supervisory Commission Managing Director, Agricultural Credit Guarantee Fund Director General, the Bureau of Agricultural Finance, Council of Agriculture, Executive Yuan Director, Taiwan Academy of Banking and Finance Director, Taiwan Cooperative Bank Director, Taiwan Cooperative Financial Holding Co., Ltd. Director General, the Banking Bureau of the Financial Supervisory Commission President and Director, Taiwan Financial Holdings Co., Ltd. Director, Bank of Taiwan Co., Ltd. Director, Bank Taiwan Life Insurance Co., Ltd. Member, Research and Development Committee, Taipei Foreign Exchange Market Development Foundation	S.J.D., National Chengchi University

Title	Name	Date of assignment	Office term	Significant experience	Education
Director	Mao-Lin Shih	June 17, 2022	3 years	Director, Taiwan Life Insurance Co., Ltd. Chair Professor, Department of Financial and Economic Law, Asia University Independent Director, SuperAlloy Industrial Co., Ltd. Independent Director, Century Wind Power Co., Ltd. Honorary Chairman, Legal Risk Management Society of Taiwan Minister of Justice, Executive Yuan Deputy Minister of Justice, Executive Yuan Chief Prosecutor, Procuratorate, Taipei District Court Chief Prosecutor, Procuratorate, Kaohsiung District Court Chief Prosecutor, Procuratorate, Taichung District Court Chief Prosecutor, Procuratorate, Taoyuan District Court Director-General, Ministry of Justice	Woosuk University / Korea, School of Law, Honorary Doctorate B.A. (College of Law), National Taiwan University
Director	Miao-Chiu Hsu	June 17, 2022	3 years	President/Executive Vice President and Chief Financial Officer, Nan Shan Life Insurance Co., Ltd. Executive Vice President, CTBC Financial Holding Co., Ltd. Executive Vice President, CTBC Bank Co., Ltd. Partner, PwC Taiwan Vice President of Accounting Department, Credit Lyonnais Taipei Branch Independent Director, Nankang Rubber Tire Corp., Ltd. Independent Director, Evergreen Aviation Technologies Corp.	Master of Business Administration, St. John's University

<b>Title</b>	<b>Name</b>	<b>Date of assignment</b>	<b>Office term</b>	<b>Significant experience</b>	<b>Education</b>
Director	Su-Lin Wang	June 17, 2022	3 years	Sr. Vice President & Corp. CFO, Delta Electronics., Inc. Consultant, Chenbro Micom Co., Ltd Adjunct Specialist Professor, Institute of International Business, National Cheng Kung University Independent Director, Jess-Link Products Co., Ltd. Director, GuaJuLuCun Co., Ltd.	Institute of Finance, National Taiwan University
Director	Jung-Tsung Yang	June 17, 2022	3 years	Prosecutor, Taiwan High Prosecutors Office Supervisor, Supreme Prosecutors Office Lead Prosecutor, Taiwan Taipei District Prosecutors Office Chairman, Hengsheng Attorneys at Law Independent Director, First Steamship Co., Ltd.	The degree of master of arts, National Taiwan University
Director	Kuang-Hsun Shih	June 17, 2022	3 years	Chairman, Performance Measurement Association Member, Petitions and Appeals Committee, Executive Yuan President/Professor, CTBC Business School Independent Director, Senao Networks, Inc. Independent Director, Samebest Co., Ltd. Professor, Graduate school of Criminal Investigation, Central Police University Professor, Graduate school of Finance, National Taipei University	DBA. Finance, Nova Southeastern University, Florida, U.S.

Title	Name	Date of assignment	Office term	Significant experience	Education
Independent Director	Sheng-Yung Yang	June 17, 2022	3 years	<p>Head of Finance Department, National Chung Hsing University  Adjunct Professor of International Business, National Taiwan University  Dean of College of Management, Asia University  Vice President for International Affairs &amp; Dean of International College, Providence University  Secretary-General, Financial Engineering Association of Taiwan  CEO, EMBA Program Alliance of Taiwan  Member of Investment Committee, National Development Fund  Member of Operating Fund Committee, Bureau of Science Park  Lecturer, Training Institute, Ministry of Finance  Independent Director, Grand Bills Finance Corp.  Director, Chinese Robo-Advisor Association  Strategic Mentor, New Generation College, National Association of Small &amp; Medium Enterprises  Independent Director, CTBC Financial Holding Co., Ltd.  Independent Director, CTBC Bank Co., Ltd.  Distinguished Professor of Finance, National Chung Hsing University, Department of Finance  Independent Director, Nova Technology Corp.  Independent Director, JMicron Technology Corp.  Director, CTBC Business School  Executive Supervisor, Taiwan Association of Board Governance  Executive Supervisor, Financial Engineering Association of Taiwan  Executive Supervisor, Taiwan Digital Enterprise Alliance</p>	Ph.D. in Finance, Drexel University, USA

<b>Title</b>	<b>Name</b>	<b>Date of assignment</b>	<b>Office term</b>	<b>Significant experience</b>	<b>Education</b>
Independent Director	Cheung-Chun Lau	June 17, 2022	3 years	Independent Non-executive Director, Hong Leong Insurance (Asia) Limited Managing Director, The Bank of Nova Scotia Senior Vice President (Head of Corporate Equity Derivatives, Asia), ABN AMRO Bank N.V. Director, Citigroup Global Markets Asia Ltd. Managing Director, Westcom Capital Ltd. Executive Director, UBS AG Vice President, Bankers Trust Company Officer, DB (Asia) Finance Limited Independent Director, CTBC Financial Holding Co., Ltd. Independent Director, CTBC Bank Co., Ltd.	MBA, University of Michigan, Ann Arbor, USA
Independent Director	Christine Jih	June 17, 2022	3 years	Chairwoman and CEO, BNP Paribas Asset Management, Taiwan President, Speaker, FIL Securities Investment Trust Co. (Taiwan) Limited Vice President, Fidelity Securities Investment Co. (Taiwan) Limited CFO, CyberLink Corp. CFO, Speaker, United Integrated Services Vice President, Merrill Lynch Taiwan Branch Director, UBS Securities Taiwan Branch Director/Vice President, Citibank Taiwan Branch Independent Director, CTBC Financial Holding Co., Ltd. Independent Director, CTBC Bank Co., Ltd. Independent Director, CTBC Securities Co., Ltd. Director, Imunami Laboratories Pte. Ltd. (Singapore) Independent Director, Perfect Corp. (Cayman)	MBA, Indiana University, Bloomington, IN, USA

Note 1: The Bank is a wholly owned subsidiary of CTBC Holding. All directors of the Bank are appointed by the parent company.

Note 2: The term of office for the directors of the Bank's 18th Board of Directors is from June 17, 2022, to June 16, 2025. The Bank established an Audit Committee on June 30, 2009, to assume the responsibility of supervisors.

Note 3: The representative of a juristic person director, Yann-ching Tsai, served as the Independent Director of the Bank from July 25, 2022 to April 14, 2023.



### 2.2.3. Significant shareholders

As of April 18, 2023

Institutional shareholder	Largest shareholders
CTBC Financial Holding Co., Ltd.	<ol style="list-style-type: none"> <li>1. Fubon Life Insurance Co., Ltd. (3.88%)</li> <li>2. Citibank Taiwan in custody for the government of Singapore (3.12%)</li> <li>3. Yi Kao Investment Co., Ltd. (2.39%)</li> <li>4. Labor Pension Fund (2.14%)</li> <li>5. CTBC Bank Trust Account for CTBC Financial Holding Employee Welfare Savings Committee (2.02%)</li> <li>6. CTBC Bank Trust Account for CTBC Financial Holding and the Subsidiaries Employee Stock Ownership Trust (1.74%)</li> <li>7. Shin Kong Life Insurance Co., Ltd. (1.55%)</li> <li>8. Bank of Taiwan Co., Ltd. (1.54%)</li> <li>9. Citibank Taiwan in custody for Norges Bank (1.47%)</li> <li>10. Chuan Wei Investment Co., Ltd. (1.43%)</li> </ol>

### 2.2.4. Major managers

Title	Name	Education	Significant experience
President	Tony Yang	MIBA, United States International University, USA	EVP, CTBC Bank Co., Ltd.
Senior Executive Vice President	Larry Hsu	Bachelor of Business Administration, National Taiwan University	EVP, CTBC Bank Co., Ltd.
Senior Executive Vice President	Roger Kao	Master of Science in Broadcast Journalism, Boston University, USA	EVP, CTBC Bank Co., Ltd.
Senior Executive Vice President	Amy Yang	Executive MBA (Finance), National Taiwan University	EVP, CTBC Bank Co., Ltd.
Executive Vice President	Eric Hsin	MS (Finance), City University of New York, USA	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Alex Chen	Bachelor of Economics, Chinese Culture University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	C.C. Huang	MBA, Indiana University at Bloomington, USA	EVP, ABN AMRO Bank
Executive Vice President	Matthew Liaw	MBA, University of Wisconsin at Madison, USA	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Jack Wang	MBA, The University of Western Ontario, Canada	Vice President, Citibank
Executive Vice President	Amy Lin	Bachelor of Banking, National Chengchi University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Jason Chen	Bachelor of Business Administration, Feng Chia University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Yaling Chiu	MBA, Minnesota-Twin Cities University, USA	SVP, CTBC Bank Co., Ltd.

<b>Title</b>	<b>Name</b>	<b>Education</b>	<b>Significant experience</b>
Executive Vice President	Evan Chang	Bachelor of Accounting, Tunghai University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Jerry Shaw	Bachelor of Business Administration, Tamkang University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Peter Hsiao	MBA, National Taiwan University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Max Lin	MBA, University of Illinois at Urbana-Champaign, USA	Director, Deutsche Bank
Executive Vice President	Weitzu Chao	Master of Statistics, National Chengchi University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Austin Chiang	MBA, National Taiwan University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Sean Tang	Master of Laws, National Chengchi University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Tony Huang	Bachelor of Banking, National Chengchi University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	David Swei	MBA, University of Texas at Dallas, USA	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Titan Chia	International MBA, National Chengchi University	President of Global Business Services, IBM Taiwan
Executive Vice President	Peter Wei	MBA, National Taiwan University	SVP, CTBC Bank Co., Ltd.
Executive Vice President	Justin Li	LLM, Boston University, USA	Vice President, Citibank Taiwan
Senior Vice President	Frank Hsu	Master of International Business, National Chengchi University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Morris Kao	Bachelor of Accounting, Fu Jen Catholic University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Sam Lin	Executive MBA (Finance), National Taiwan University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Rosen Lo	Bachelor of Business mathematics, Soochow University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Kelvin Lam	Bachelor of Accounting, Hong Kong Polytechnic University, Hong Kong	Chief Auditor, DBS Bank
Senior Vice President	Joe Chen	Master of Computational Finance, Carnegie Mellon University, USA	Managing Director, Standard Chartered Taiwan
Senior Vice President	Darren Huang	Bachelor of Statistics, National Chung Hsing University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Wenjung Chen	Associate of Accounting and Statistics, National Taipei College of Business	VP, CTBC Bank Co., Ltd.

<b>Title</b>	<b>Name</b>	<b>Education</b>	<b>Significant experience</b>
Senior Vice President	Alex Liu	MBA, University of Pennsylvania, USA	VP, CTBC Bank Co., Ltd.
Senior Vice President	Christy Chen	MBA, National Chengchi University	Partner attorney at law, Hengsheng Law Firm
Senior Vice President	Richie Chen	Associate of Secretarial Science, Tamsui Institute of Business Administration	VP, CTBC Bank Co., Ltd.
Senior Vice President	Megan Hsu	Master of Accounting, National Taiwan University	VP, CTBC Bank Co., Ltd.
Senior Vice President	Chupin Fu	MS, Illinois Institute of Technology, USA	VP, CTBC Bank Co., Ltd.

### 3. Business overview

#### 3.1. Business performance

##### 3.1.1. Scope of business

###### 1) Institutional banking, international business, and capital market

###### (1) Institutional banking

We provide customers with comprehensive and specialized financial services, including loans, trade finance, cash management, and corporate trust services.

###### (2) International business

We provide cross-border financial services by leveraging our global network, with a focus on customers in Greater China, Southeast Asia, North America, and Japan.

###### (3) Capital market

We provide tailored solutions to meet clients' financing needs. These solutions include syndicated lending, structured finance, financial advisory, and fixed-income securities underwriting services. In addition to managing our own market risk exposure and liquidity position, we offer a wide range of services to meet our institutional clients' hedging and financial needs. These services include foreign exchange, derivative, and structured investment products.

###### 2) Retail banking

###### (1) Wealth management

We provide target customer groups with financial planning, asset allocation planning, and advisory services as well as assistance in the acquisition of a variety of financial products.

###### (2) Loan services

We provide individuals with diverse loan services, including home mortgages, refinancing, installment loans, policy-based loans, unsecured term loans, and revolving loans, to fulfill their lending needs at every stage of life. In 2022, due to its good market reputation and compelling lending services, the Bank also won a three-year contract to offer mortgages to civil servants.

###### (3) Payment services

CTBC Bank is proud to offer comprehensive payment solution services that cater to the diverse needs of our clients. Our offerings encompass an array of credit and debit card services, including card issuing and merchant acquiring. Moreover, our forward-thinking digital and mobile payment solutions, such as digital wallets, third-party payment mechanisms, bill payments, and cross-border transactions, are designed to deliver unparalleled convenience and security. We remain steadfast in our commitment to providing cutting-edge payment solutions that exceed our customers' expectations and set the standard for excellence in the banking industry.

###### (4) Overseas financial services

We provide comprehensive financial services, such as deposit and loan, payment, and wealth management services, to overseas markets, namely the U.S., Indonesia, the Philippines, Japan, and Thailand.

## Revenue breakdown (Note)

Unit: NT\$ million

Revenue source	Amount	Percentage
Institutional banking, international business, and capital markets	52,831	44%
Retail banking	61,767	52%
Other	4,169	4%
Total	118,767	100%

Note: On a consolidated basis

### 3.1.2. Business discussion

#### 1) Institutional banking, international business, and capital markets

CTBC Bank's institutional banking and capital market business continues to lead the sector in Taiwan. Amid financial liberalization and globalization, we have maintained expansion in Taiwan by optimizing our core business and growing our emerging business. Furthermore, we have been leveraging our global networks to accelerate the growth of international business by expanding the scale of overseas markets and connecting cross-border opportunities to boost synergy.

We keep our thumb on the market pulse as we lead the financial industry in creative, specialized financial products and have become an indispensable partner to our customers. Both our Bank and our main products have been honored with international awards such as Outstanding Leadership in Sustainable Infrastructure Finance in Asia Pacific, Best Cash Management Bank in Taiwan, Best Trade Finance in Taiwan, Best Foreign Exchange Provider in Taiwan, and Best Custodian Bank in Taiwan. The management direction and achievements of our primary products are detailed below:

#### (1) Transaction banking

In 2022, despite both cash management and trade finance encountering severe challenges and most of our target markets facing geopolitical uncertainties and the rapid escalation of trade tensions, the market share of CTBC Bank deposit continued to grow. Specifically, we maintained our leading market position, including in foreign currency deposits, and enlarged our share of competitive overseas markets across all businesses. In addition, we retained our leading position in the trade and factoring market and remained among the top three banks in terms of revenue—a position we have held for several years. However, we do expect some turbulence due to the recent market headwinds. With focus on developing customer base in Greater China and capturing ongoing trend of supply chain shift to Greater China and Southeast Asia.

Also notable is how our digital strategy has transformed us from a traditional transaction bank into one that supports its customers' expansion throughout Asia Pacific. Whether for corporates or individual customers like controllers, we are continuing to improve our customers' banking experience through innovative technologies. This includes providing a comprehensive range of channels to meet customers' needs, such as by increasing the use of mobile devices and application-to-application banking services. Indeed, we have closed a record number of deals because of these digital capabilities and the solutions that we provide.

For instance, we were the first bank in Taiwan to conduct a cross-border trade transaction using a blockchain-based end-to-end solution. The blockchain platform solution leverages the joint efforts of both our digital and trade teams and, more importantly, we are continuing to work with our customers to create more efficient ecosystems and trade processes. We believe our digital transformation will reposition us as a new type of transaction bank that stands out from the rest, and that we can achieve this by revamping our offerings and solutions in the changing digital landscape in order to identify new business opportunities.

(2) Custody and corporate trust business

Our custody and corporate trust business includes transfer agent, trust, and custody business. Due to the decline in the market price of assets caused by the 4.25% increase in the Fed funds rate, CTBC Bank's asset under management in 2022 reached only NT\$3.03 trillion (US\$100 billion). However, despite the macroeconomic volatility and asset value shock, the Bank increased 20% new mandates in 2022 and maintained a leading position in Taiwan as a result of our efforts to improve and the outstanding execution on our employee benefit trust and custody service businesses. On the back of our continual enhancement and innovations, CTBC Bank was awarded the Trust Business Innovation Award and Employee Benefit Award in the Trust Association of Republic of China, Trust 2.0 Program Assessment.

(3) Syndicated loans

CTBC Bank is a leading arranger of loan syndication in Asia, with an extensive presence in the region as well as a strong commitment to its home market. The Bank has strong origination and structuring capabilities providing innovative solutions, and has extensive distribution channels. We specialize in financing solutions requiring higher levels of sectorial knowledge, such as private equity-sponsored leveraged financing, merger and acquisition financing, and aviation/shipping/real estate/project financing. The Bank has developed extensive networking and firm partnerships with key players in the region.

CTBC Bank is also actively involved in the renewable energy market, including solar and wind energy. We have helped arrange a number of large project financing cases and have been mandated as the financial adviser for several international and local developers. In addition, we offer local insights and tailored solutions including capital market and debt structuring, agency services, and hedging, and are well-positioned to be the leading bank in these fields.

In addition to being named Taiwan Loan House of the year by IFR Asia, Best Investment Bank in Taiwan by Global Finance, and Corporate & Investment Bank of the Year in Taiwan by Asian Banking & Finance, we have lead-arranged several signature deals in the region and won the Renewable Energy M&A Deal of the Year in Sustainable Infrastructure Awards from The Asset, Green Energy Deal of the Year in Taiwan from Asian Banking & Finance, and Syndicated Project Finance Deal of the Year in Taiwan from APLMA.

(4) Fixed income underwriting

As one of the leading bond underwriters in Taiwan, CTBC Bank has participated in numerous landmark transactions and new kinds of transactions. In 2022, we had another record year in fixed income underwriting, including the milestone of serving as the lead manager for the first sustainability-linked-bond in Taiwan. Also, we remained in the top spot among our Taiwanese peers in Asian G3 currency bond underwriting. With our strengthened debt capital market franchise together with our loan syndication business, we are well positioned to serve our clients across Asia with comprehensive corporate finance solutions.

(5) Treasury and derivatives

Our strong local presence in Taiwan provides us with unique advantages. Through collaboration across different business lines and geographical regions, we are able to offer clients comprehensive cross-border solutions. As such, we again maintained our leading position in the Taiwanese derivatives market in 2022, supported by strong product innovation capabilities and a vast market franchise. We were also granted numerous international awards in this area, such as Taiwan House of the Year, Best Foreign Exchange Provider in Taiwan and Best Investment Bank in Taiwan.

2) Retail banking

CTBC Bank remains a pioneer in retail banking service innovation. In addition to enjoying a significant market share, we received 110 international and domestic awards in 2022, including being named the Best Private Bank in Taiwan in the Private Banking, and Wealth Management Survey by Euromoney for the 18th consecutive year, and the Best Retail Bank in Taiwan by The Asian Banker for the 16th consecutive year.



With the Bank's competitive advantages in branding and comprehensive services, our number of retail customers and assets under management have grown steadily, with annual growth of 3% and 10%, respectively. More importantly, we continued to improve our customer satisfaction in 2022, increasing the rate to 89% from 88% and maintaining the best Net Promoter Score among all Taiwanese financial institutions.

(1) Wealth management

With its open platform strategy, CTBC Bank is able to provide comprehensive and innovative wealth management services and products to meet its diverse customer needs. Our diversified wealth management product lines have contributed to the Bank's leading position in Taiwan's wealth management market. Furthermore, our comprehensive wealth management services and transaction platforms meet customers' financial needs, both online and offline.

(2) Loan services

CTBC Bank has long been dedicated to providing complete financing solutions with multi-channel customer services as well as using a superior risk control mechanism to maintain good asset quality and profitability. Consequently, we stand in the leading position in personal loan and non-government-affiliated mortgage markets. Embracing digital trends and technological developments, the Bank continually hones its competitive advantage by designing a digital lending platform that radically simplifies the loan application process and reduces turnaround time, while also partnering with various e-commerce platforms to provide loan services that fit into customers' daily lives. This approach of offering a complete financial ecosystem not only offers users convenient services but also expands our customer base.

(3) Payment services

CTBC bank is dedicated to providing customers with a seamless and comprehensive payment experience, which demonstrates our commitment to delivering exceptional payment services. As part of this commitment, we collaborate with industry leaders across various industries. For example, we have partnered with Hotai Motor Co., Ltd., the leading distributor of Toyota and Lexus vehicles in Taiwan, to launch a co-branded card that meets the financial needs of our customers for car purchases, rentals, and maintenance. Our customers can now enjoy a hassle-free payment experience through the use of innovative tools such as cards and account linking, both online and offline. We endeavor to leverage cutting-edge technology and strategic partnerships to deliver unparalleled convenience and security to our customers.

(4) Overseas financial services

CTBC Bank continues to develop a complete line of financial services abroad, such as deposit and loan services, payment services, and wealth management, based on these countries' unique economic development and customer needs. In the U.S. market, we continue to expand our mortgage customer base from Taiwanese to local customers and to offer more convenient services for customers. Residents of six states, namely California, Nevada, New Jersey, New York, Washington, and Texas, can now open digital accounts for use across these states. In Japan, in support of its government's push for digital innovation, we have committed to optimizing digital channel services in wealth management.

In the Southeast Asia market, we are developing digital strategies to provide better financial services to customers. Such efforts in Indonesia have earned CTBC Bank seven international awards and two domestic awards, including Highly Acclaimed: Outstanding CX in Digital Sales Strategy in Indonesia and Highly Commended: Best Loan Offering in Asia. In Thailand, we have expanded the digital channels available by launching a new banking app, LHB YOU, and an investment app, Profita. In the Philippines, we plan to launch a new retail internet and mobile banking platform and an API to support our partnership with fintech companies with more convenient services.

(5) Digital banking

Our internet and mobile banking services continue to be the most popular in Taiwan thanks to the continual improvement of our platform design and launch of innovative features, earning us numerous international awards every year. The number of customers using our digital banking services now exceeds 6 million, and with over 500 different functions, our mobile banking app boasts the most complete functionality in the market. We have also continued our efforts to provide retail banking services whenever and wherever customers need them, as well as to as many customer groups as possible. This includes disadvantaged groups such as those with a visual impairment, for whom we provide the most complete selection of specialized services, including via our internet banking, web ATM, and mobile app. In order to further increase our support for the local community, this past year we launched within our mobile app the first platform offered by a Taiwanese bank dedicated to helping charities share their message, raise awareness, and raise customer donations.

### (6) ATM services

CTBC Bank has the largest ATM network in Taiwan. With over 7,000 machines nationwide, we top the list in terms of interbank withdrawal transactions, accounting for approximately 39% of market share. Our ATMs continue to be a customer favorite due to our persistence in bringing customers the most convenient ATM services. For example, we provide the largest number options for a customer to complete cardless cash withdrawals, including app-created withdrawal codes, QR codes, finger vein recognition, and facial recognition, allowing customers to choose whichever method suits their needs best. To maintain our leading role in the market, we are constantly innovating and advancing our ATM services, and have now been rolling out brand new ATMs with 19-inch screens and a completely redesigned UIUX as part of our Next Generation ATM Project. In an effort to reduce our environmental impact by reducing paper use, we have launched paperless transaction receipts, allowing customers to receive their receipt through instant messaging instead of as a printed slip. We also strive to promote social equity and welfare by providing ATM services in 12 foreign languages as well as offering Taiwan's first and only cash deposit service for people with a visual impairment.

## 3.2. Employees

As of	Dec. 31, 2022		Dec. 31, 2021	
Number of employees	13,386		12,503	
Average age (years)	39.2		39.0	
Average tenure at CTBC (years)	9.8		10.2	
Education	Employees	Percentage	Employees	Percentage
Graduate school or higher	3,277	24.4%	3,051	24.4%
University/college	9,506	71.0%	8,815	70.5%
Senior high school	582	4.4%	609	4.9%
Below senior high school	21	0.2%	28	0.2%

## 3.3. Social responsibility

### 1) CSR implementation

As one of the leading financial institutions in Asia, CTBC Holding is actively implementing sustainable ESG practices, guided by the spirit of the U.N.'s Sustainable Development Goals. To this end, it has adopted a world-class three-tier sustainability management structure. The first tier, namely the Corporate Sustainability Committee, acts as the highest supervisory unit. The second tier is the ESG Taskforce, composed of top management teams, charged with carrying out daily sustainability-related work. The third tier is the Corporate Sustainability Department, which is responsible for integrating the corporate sustainability strategies and action plans of the parent company and its subsidiaries.

Additionally, in order to create more significant synergy by adopting advanced internal standards and establishing new partnerships, CTBC Holding is actively involved in global leading sustainability initiatives. It was the first Taiwanese company to join the Partnership for Carbon Accounting Financials (PCAF), after which it was elected as PCAF's regional chair for Asia Pacific and selected as a member of the Global Core Team. The parent company also led the industry by becoming the first Taiwanese company to join the Global Impact Investing Network (GIIN) and the Taskforce on Nature-related Financial Disclosures (TNFD). In addition, CTBC Holding has co-hosted the Taiwan Impact Investment International Forum for two consecutive years and is engaged in continual discussions regarding the TNFD framework. We hope to facilitate impact finance through our continuous efforts of working with domestic and international partners.

Regarding group-level policies, CTBC Holding passed its Sustainability Management Policy and Sustainable Finance Policy at the end of 2020. Standing on the three pillars of Responsible Operations, Sustainable Growth, and a Connected Society, our sustainability strategy's focuses include "Positive Impact Finance," "Innovative Digital Applications," "Empowered Employees," "Ethical Governance," "Sustainable Environmental Practices," "Strategic Community Investment," and "Collaborative Value Chain Engagement." Guided by TRUST—an acronym we've coined for our commitment to corporate governance (Transparency), environmental sustainability (Responsibility), employee welfare (Understanding), customer service (Satisfaction), and community engagement (Together)—we set and implement sustainability targets and action plans through the regular identification of material issues of concern to stakeholders, through compliance with CTBC Holding's sustainability policies and strategy, and through our ESG Taskforce, for which the President of CTBC Holding acts as chairperson, and the management teams of subsidiaries as taskforce members.

CTBC Bank is actively responding to the needs of major stakeholders—its employees, suppliers, customers, and community—and working toward the U.N. Sustainable Development Goals (SDGs).

(1) Sustainable finance

- CTBC Holding also actively integrates CSR considerations into its own business practices and offerings. In 2017, for example, CTBC Bank launched the first qualified green bond in Taiwan, which was oversubscribed by investors. In 2018, it served as the financial adviser for the first cooperation between local banks and an offshore wind power developer, Copenhagen Infrastructure Partners of Denmark, while sparing no effort in supporting endeavors in green energy and environmental protection. And the parent company again lent its support to domestic green energy development in 2019, participating in two offshore wind power financing projects and one solar power financing project. In the same year, we also signed on to the Equator Principles, becoming the 94th financial institution in the world to do so.

In 2020, CTBC Bank became the first institution in Taiwan to issue a sustainability bond, and in 2021 led its Taiwanese peers to be registered in the Sustainable Bonds Database, run by the International Capital Market Association (ICMA). In the same year, the Bank issued Taiwan's first social bond, demonstrating its commitment to promoting sustainability in the country. In 2022, in support of the government's sustainability development policies, we served as the lead underwriter for Chimei Corp.'s issuance of Taiwan's first sustainability-linked bond.

CTBC Holding actively supports access to finance for all. Our Bank has ATMs in nearly all of Taiwan's ubiquitous 7-Eleven locations. These stores, open 24 hours a day, often provide the only banking services available to communities in rural areas across Taiwan's mountainous regions and offshore islands. CTBC Bank also offers special branch office, ATM, and online banking services to ensure the access to finance of people with disabilities. Its branches feature barrier-free office space and ATM services, including a total of 7,100 barrier-free ATM's and 416 ATMs tailored for users with impaired vision, which provided people with disabilities the most convenient financial services.

The Bank's Home Bank app leads the industry in Taiwan with its use of responsive web design to make the app comfortably usable across all sizes and forms of mobile device. This ensures that all customers have access to the app's myriad financial services, regardless of their device.

In addition to the aforementioned financial initiatives, the Board of parent company CTBC Holding has approved a Sustainable Finance Policy. By focusing on "responding proactively and advocating for sustainable finance," "creating positive SDG-related impacts," and "integrating enterprise resources to expand business synergy," the policy guides sustainable finance practices for CTBC Holding and its subsidiaries, aiming to continually explore business opportunities while creating significant environmental and social impacts. Subsidiaries also publish responsible investment and stewardship reports, stipulating their responsible activities relating to stewardship, investment, and finance. In addition, CTBC Bank has voluntarily adopted the U.N. Principles for Responsible Banking (PRB), Principles for Sustainable Insurance (PSI), and also publish responsible investment and stewardship reports, disclosing the efforts related to stewardship, investment and finance.

- Innovative digital finance

In terms of digital finance, CTBC Holding is a pioneer in Taiwan. It has successively established blockchain and AI labs, a customer experience center, and a Data Intelligence R&D Division; recruited outstanding talent; and adopted

a three-pronged strategy of digital transformation, digital innovation, and digital infrastructure while it continues to promote online and offline digital projects to provide customers with a consistent financial service experience across all channels. For example, subsidiary CTBC Bank adopted Apple Messages for Business for use as a low-contact, real-time tool for visiting branches, with the service receiving a 90% customer satisfaction rating. In addition, observing the pandemic-induced growth of the stay-at-home economy, the Bank is also committed to optimizing the shopping experience on social platforms and addressing the payment and capital turnover needs of individual sellers and small businesses, launching the a social commerce payment service and online loan service to achieve inclusive finance.

## (2) Environment

### ■ 2050 net-zero transformation

In early 2022, the CTBC Holding Board of Directors set a target for the company to achieve net-zero emissions by 2050. It then formally submitted the plan for doing so to the Science Based Targets initiative (SBTi) at the end of the year. By using the SBTi methodology, the parent company hopes to conduct financed emissions inventories, disclosures, engagements, and reductions in order to reach the target net-zero emissions by 2050.

### ■ Green operations

Environmental protection and energy conservation are at the core of the design of the group's headquarters, CTBC Financial Park, which boasts 29,752 square meters of park area and 264,463 square meters of gross floor area. Incorporating various environmental protection and energy-saving techniques, the complex is the largest financial institution building in Taiwan to receive a Diamond-grade Green Building label under Taiwan's EEWH building certification system. At the end of 2019, CTBC Financial Park obtained LEED O+M v4.1 Platinum Certification and the LEED Dynamic Plaque, becoming Taiwan's first recipient of either recognition.

In response to extreme weather patterns, the headquarters' water facilities, fountains, and sprinkler equipment utilize rainwater reclamation and water-recycling technologies, while solar panels are installed to supply electricity for the financial park's public spaces. Aligning with global conservation efforts, CTBC Holding has adopted carbon-footprint reduction measures, such as the purchasing of products that meet strict standards in environmental protection, energy efficiency, water conservation, and green construction. As a result, it has received the Outstanding Contribution to Green Purchasing by a Private Enterprise Award from Environmental Protection Administration and Taipei City Government's Department of Environmental Protection for 13 and 14 consecutive years, respectively.

CTBC Holding has a proud history of taking practical measures to realize its commitment to the planet. In 2012, the company established an Environmental Sustainability Group, which holds management review meetings regularly to follow through with the implementation of environment-related policies. In 2018, CTBC Holding continued to grow the scope of its certification in the three major international certification standards of ISO 50001 Energy Management System, ISO 14001 Environmental Management System, and ISO 14064-1 Quantification and Reporting of Greenhouse Gas Emissions and Removals. In 2022, this expanded to cover 217 branches across Taiwan as well as all CTBC Holding subsidiaries. The parent company's environmental measures have been honored with a 2020 CEM Award of Excellence in Energy Management at the U.N. Industrial Development Organization's Energy Management Leadership Awards, making it the world's first financial institute to receive the accolade. It also became the first financial institution in Taiwan to obtain renewable energy certification from the Ministry of Economic Affairs. In 2022, CTBC Bank again received the Silver Award at the Environmental Protection Administration's National Enterprise Environmental Protection Awards. Its office building was also honored at the Taipei City Net Zero Leadership Awards, receiving the Excellence Award, second place in the Excellent Building (Commercial Building Group) category, and the Barrier-free and Exterior Maintenance Award.

Climate change is a significant challenge that the world is facing together, and CTBC Holding places great emphasis on sustainable development. Starting with energy conservation, carbon reduction, and resource management, we have used green buildings as an opportunity to implement green services, green procurement, and green consumption with the aim of protecting the Earth.

- Climate-related financial disclosures  
In 2020, CTBC Holding formally adopted the Task Force on Climate-related Financial Disclosures (TCFD) recommendations proposed by the Financial Stability Board. The parent company now voluntarily discloses its climate-related information according to the TCFD framework and, starting in 2023, will disclose climate risk-related financial information by the end of June every year according to the national guidelines for such disclosures.

### (3) Society

- Employee empowerment  
CTBC Holding firmly believes that its workforce is its most valuable asset. As such, it has for years promoted a function-oriented talent strategy and has developed various professional and management training courses. The company assesses employees' performance and potential to map out their career development and accurately allocate resources to build a complete talent pool by providing employees with on-the-job training, project assignments, and rotations

across different countries, businesses, and functions. Moreover, CTBC Holding has cooperated with numerous leading international academic institutions to introduce top teachers and development resources. These measures are taken in order to ensure that the group has a steady stream of talent sufficient to maintain its leading position in the industry in response to the rapidly changing external operating environment.

CTBC Holding has always firmly believed that talented people are the key to an enterprise maintaining its competitive advantage. In addition to providing competitive remuneration, industry-leading benefits, education, training, and a fair promotions system, the parent company also supports global human rights protections and basic rights through its Human Rights Policy and Human Rights Risk Assessment and Management Procedures.

We also understand the importance of providing a comfortable and friendly working environment. In doing so, CTBC Holding focuses on three aspects in particular: risk-based thinking, preventive health care, and a culture of safety. From 2018 to 2022, it continued to pass ISO 45001 Occupational Safety and Health Management System certification, strengthening occupational safety management standards and overall performance. Moving forward, CTBC Holding will expand its corporate influence by working with suppliers and related enterprises to form an ecosystem that fosters occupational safety.

Addressing the impact of COVID-19, in 2022, we purchased epidemic group health insurance for more than 60,000 employees and their dependents in Taiwan. We also provided rapid COVID-19 home test kits for employees to help them proactively stay healthy and block the chain of infection, and gave out condolence payments and paid leave to employees who tested positive. To encourage employees to get vaccinated and rest sufficiently afterward, we introduced paid vaccination leave of up to two days.

For Taiwanese employees stationed overseas, our response efforts have included providing an additional monthly policy bonus of NT\$5,000 to NT\$12,000, depending on their position, and cash payments as a family visit allowance for the employees to use according to the pandemic prevention rules of their country. We also covered the cost of COVID-19 testing and quarantine hotels.

In 2022, CTBC Holding was named the best employer in Taiwan's financial industry by global consulting firm Universum, ranked among the Best Companies to Work for in Asia by HR Asia for the fifth consecutive year, and included in the Bloomberg Gender Equality Index for the second consecutive year.



- Community investment

CTBC Bank has been expanding its efforts in public welfare for many years. These efforts in turn spread across the community and country, like ripples in a pond, as the Bank continues to focus on five categories of charitable endeavors: charity, anti-drug awareness, sports, education, and arts and culture.

1. Charity

The Light Up a Life charity fundraiser held by CTBC Bank was the starting point of CTBC Holding's involvement in community engagement—an involvement that has persisted and grown stronger in the intervening 38 years. As the longest-running charitable activity of any private enterprise in Taiwan, Light Up a Life has raised nearly NT\$2.5 billion in donations and helped more than 620,000 children by giving them a chance to escape poverty and realize their dreams.

CTBC Bank founded the CTBC Charity Foundation in 2004 to encourage its employees to engage in activities that promote public welfare. The Bank was also the first financial institution in Taiwan to offer charity leave. Through the CTBC Charity Foundation, after-school care, financial literacy, and English language volunteer teams are formed and trained to serve disadvantaged families and children across Taiwan.

Inspired by the microfinancing concept of Nobel Peace Prize winner Dr. Muhammad Yunus's Grameen Bank, the CTBC Charity Foundation introduced the first such initiative in Taiwan in 2011 with the CTBC Poverty Alleviation Program. It provides disadvantaged and marginalized families with the microloans and financial advice they need to meet their basic needs and beyond. Since its inception, the program has successfully funded the start-up businesses of 561 families and helped them escape poverty, with an accumulated amount of loans totaling NT\$200 million. The initiative, which has so far helped build 28 Taiwan Dream Project sites, works by marshaling central and local government resources and leveraging the efforts of volunteers and the general public to provide children with a warm and loving second home.

In terms of overseas aid, the CTBC Charity Foundation embraces the philosophy that poverty can be overcome through education. As such, in China in 2013, it launched the Caring for China's Next Generation on Campus program alongside the Caring for China's Next Generation Working Committee and the Social Welfare Foundation for China's Next Generation Fund. Priority has been given to areas that are underdeveloped, remote, or home to large ethnic minorities. Schools have been selected as educational demonstration sites in each area, with funds provided to purchase teaching equipment. The project has seen outstanding results

since its launch. As of publication, 53 pilot program sites had been set up, and over 60,000 underprivileged students now have access to more learning resources as a result. Learning and living conditions have been greatly improved in general, earning plaudits on both sides of the strait.

## 2. Anti-drug awareness

During events hosted by CTBC Holding as part of its long-term involvement with disadvantaged children and otherwise marginalized families, the blight of serious drug abuse continually reared its head. We saw first-hand the cause-and-effect relationships between drug abuse and other social issues, prompting us to integrate human and material resources from across the CTBC Holding group to establish the CTBC Anti-Drug Educational Foundation in 2015, which is Taiwan's first privately operated anti-drug educational institution. It raises children's awareness of the dangers of drugs in an engaging manner that breaks free of conventional, low-impact methods. For instance, it utilizes interactive 3D and VR activities and a host of drug-detection tools as part of its touring exhibitions and workshops, which to date have reached more than 910,000 people all around Taiwan.

## 3. Sports

Baseball is hailed as the national pastime of Taiwan, and long-term support is needed for it just as it is for education. CTBC Holding became the first enterprise to invest in all five levels of the sport, from little league to the majors, through sponsorship or hosting games to enhance the overall strength of the sport in Taiwan. In 2014, CTBC Bank began sponsoring the CTBC Brothers Baseball Club. That same year, to support the game at the grassroots level, the CTBC Charity Foundation launched the CTBC Youth Baseball Project for the little and junior leagues, giving the opportunity to play the sport to children in rural areas who otherwise may not have been able to—despite them being among the country's most passionate baseball fans. At the big league level, CTBC Bank began sponsoring the CTBC Black Panther Pennant (National High School Baseball Competition) in 2015. It also established a Taiwanese version of Japan's famed Koshien Stadium in order to support and nurture talented high school players. In 2022, the CTBC Brothers won the championship of Taiwan's major league competition—the Chinese Professional Baseball League—for the second consecutive year while the CTBC Black Panther Pennant entered its 10th year, hosting over 1,700 teams and 30,000 players and coaches over the decade.

As part of its endeavor to maximize the impact of its social welfare projects, in 2018, CTBC Bank evaluated the social return on investment (SROI) of its sponsorship of the CTBC Brothers. The quantitative analysis, as certified by Social Value International, found that every NT\$1 invested produced NT\$17.59 in social value. This was not only the first SROI analysis ever conducted by Social Value

International for a baseball team, but the return calculated was the highest it had ever certified in the field of sports. In 2020, an SROI analysis was conducted for the CTBC Black Panther Pennant and found that every NT\$1 invested generated NT\$12.49 in social value. It marked the first SROI analysis conducted by Social Value International on baseball education.

CTBC Bank also uses sport to promote literacy. This includes working with the CTBC Brothers and the New Taipei CTBC DEA basketball team to organize the Home Run Readers project, which offers tickets to baseball and basketball games to incentivize reading. We evaluated the social return on investment (SROI) of the project in 2021 and found that every NT\$1 invested generated NT\$8.99 in social value. The return was the highest certified by Social Value International for any education-related project by a Taiwanese enterprise.

Elsewhere in sports, CTBC Bank has been nurturing a new generation of women's golfers, supporting eight professional players—efforts for which we have received the Bronze Award in the Sports Administration's Sports Activist Awards. Every year, CTBC Bank and the Taiwan LPGA co-host ladies professional golf tournaments, the results for which go toward world rankings, making these major events for Asia Pacific. 2022 marked the 11th year of the tournaments; the three-round, 54-hole CTBC Invitational at the Kaohsiung Golf Club attracted 64 players from Taiwan, Japan, and Thailand and more than 2,000 spectators. The 1,358 spectators in attendance on the final day marked the largest single-day crowd in the golf club's history. Moving forward, we will continue our efforts to build an internationally competitive stage for our players and hope that more enterprises will work to improve social welfare through sports.

To further expand our influence in social welfare through sports, in 2021, we established CTBC Sports Entertainment Co., Ltd., which manages the New Taipei CTBC DEA basketball team in the T1 League. Named after the U.S. Drug Enforcement Administration, the team hopes to use sports to reach younger people with its anti-drug abuse message. In the first season, our home arena was voted “the most fun home area” and our team had the largest number of followers on social media among all T1 League teams. In 2022, we formed the CTBC Flying Oyster esports team. By naming the team “Flying Oyster,” which in Chinese sounds like the word “family,” we hope to communicate with the young generation through esports, using their language to express our “We are family” brand spirit and in turn gain customer loyalty as well as support the development of Taiwanese esports.

In 2022, the team came second in the League of Legends Pacific Championship Series' spring games and won the championship in its summer games, thus qualifying for the League of Legends World Championship.

#### 4. Education

We firmly believe that education provides people with opportunities to change their lives and is a priceless investment. Acting on these principles, in 2015, CTBC Holding integrated the group's resources and established CTBC Business School. The college, which helps both deserving and underprivileged students, offers grants and scholarships with diverse industry-academia cooperation to disadvantaged students who display outstanding academic performance. It achieved a 100% student enrollment rate for its undergraduate and graduate programs in 2021, and has been lauded by the Ministry of Education as a model of higher education transformation. Since 2016, graduate schools of financial management, law, and fintech have been established. We have also put down more roots in the educational sphere, founding CTBC International Academy in 2017 to provide a consistent, high-quality six-year middle school curriculum. In 2019, the first batch of graduates from CTBC Business School had a 100% employment rate while the 2022 graduates had a 99% employment rate, all becoming an important talent pool for Taiwan's financial industry.

#### 5. Arts and culture

CTBC Holding also has a proud history supporting Taiwan's cultural and creative fields, even receiving honors from the Ministry of Culture's Arts and Business Awards on 14 occasions. In its early years, the CTBC Foundation for Arts and Culture focused on operating the Novel Hall performance arts venue. In 2015, it shifted to a new operating model with more emphasis on engagement with the wider community, namely through performance art, visual art, and art education. Among such efforts are the annual CTBC Arts Festival, the only performance art festival in Taiwan; the CTBC Painting Prize, which is the only modern painting award in Taiwan and which received an impressive 790 entries in its first year; and the Love & Arts for Dreams Initiatives Project, which has supported the arts education of over 2,000 students in rural areas. In addition to receiving 25 major domestic and foreign awards, the project was also the subject of Taiwan's first ever SROI evaluation in the field of arts and culture, which found that every NT\$1 invested yielded an SROI of NT\$4.18. In addition, in an effort to cultivate talent in musical theater, CTBC Foundation for Arts and Culture partnered with National Taichung Theater in 2021 for the NTT<sup>+</sup> x CTBC Musicals Talent Cultivation Project, building a unique one-stop model for the staging of shows, from creating the book of the musical to putting on the production to handling the box office.

Two original musicals developed through the project sold out when staged at the National Taichung Theater in November and December 2022.

Moving forward, CTBC Bank will continue to give ESG-related issues high priority in its decision-making and planning. It will further expand its capacity for sustainably minded corporate operations— and it will do so by upholding its “We are family” brand spirit, “protect and build” corporate mission, and “caring, professional, and trustworthy” brand values. It does this in order to create value for its customers, employees, shareholders, suppliers, and community, working to cement its status as the most trusted financial service institution among customers and shareholders alike.

## 2) Ethical conduct

CTBC Bank does its best to fulfill the responsibility that comes with its corporate citizenship, and emphasizes ethical business operations. It has formulated a Code of Ethical Conduct, which includes a nine-part framework comprising the avoidance of conflicts of interest, improper personal gain, and unethical conduct; confidentiality obligations; fair trade; the protection and appropriate use of company assets; compliance with laws and regulations; the encouraging of the reporting of illegal or unethical activities; and disciplinary measures. It functions jointly with related policies such as the Code of Conduct, Corporate Governance Best Practice Principles, and Ethical Corporate Management Best Practice Principles. These rules require all directors, managers, and employees to self-regulate and directors and high-level management to issue ethical management compliance statements, as well as annual ethical management trainings be conducted. We remind employees every six months of the importance of ethical corporate management compliance in order to avoid any improper behavior that may harm the company’s reputation. The above regulations are published on the websites of CTBC Holding and CTBC Bank. Personnel who violate any of these regulations will face disciplinary action according to relevant company measures.

## **4. Dividend policy and earnings distribution**

### **4.1. Dividend policy and execution status**

#### 4.1.1. Dividend policy:

As a subsidiary of CTBC Holding, and in order to satisfy the fund requirements of the parent company, if the Bank reaches a reasonable BIS ratio, cash dividends and bonuses for common shares shall be prioritized and maintained at a stable level every year.

The above policy, however, is to be observed only in principle. The Bank shall take business performance and budgeted capital requirements into consideration and make necessary adjustments to the actual distribution.

Regarding the distribution terms, time, and amount, if there are earnings in the financial statement, the Bank shall first set aside funds for taxes, to be adjusted according to the principles of financial accounting, and offset losses, if any. It shall then set aside 30% of the earnings as a legal reserve and subsequently, per applicable laws and regulations, appropriate or reverse a special reserve. The balance, together with the undistributed retained earnings of the previous year, shall be the distributable earnings. The Board of Directors shall present an earnings distribution proposal at a shareholders' meeting for approval. Prior to the legal reserve reaching the paid-in capital of the Bank, the distributed cash dividends shall not exceed 15% of the Bank's paid-in capital. Upon the Bank's accumulated legal reserve reaching the Bank's paid-in capital, or if the Bank meets the required finance and business operation standards as defined by the competent authority in paragraph 2 of Article 50 of the Banking Act and has set aside legal reserve according to the Company Act, it shall not be limited by the legal reserve and the cash earning distribution ceiling.

4.1.2. The Board has approved the earnings appropriation proposal for 2022. It is proposed that a total of NT\$21,699,986 thousand from the retained earnings of the year be distributed in cash according to the record shown in the shareholder book on the distribution record date. The dividend is NT\$1.46659 per share in cash. In the event of a capital increase or decrease affecting the number of outstanding shares on the distribution record date, the Chairman shall be authorized to handle relevant matters.

### **4.2. Impact of proposed stock dividend on the Company's business performance and EPS:**

No financial forecast was announced for the Bank in 2023; therefore, no such disclosure is applicable.

### **4.3. Information relating to the compensation of employees, directors, and supervisors**

- 4.3.1. Proportion or range of employee, director, and supervisor compensation as set forth in the Bank's Articles of Incorporation: 0.05% of the current year's profit as employee compensation. However, the compensation of directors and supervisors is not mentioned in the Articles of Incorporation.
- 4.3.2. The basis for estimating employee, director, and supervisor compensation, for calculating the number of shares to be distributed as employee compensation, and the accounting treatment of the discrepancy, if any, between the actual distributed amount and the estimated figure, for the current period: Employee compensation in 2022 is recognized as the current-period expenses based on the Bank's pre-tax income before the deduction of employee compensation at the end of the accounting period, multiplied by the percentage set by the Bank's Articles of Incorporation. Differences between the actual amount, as approved by the Board of Directors, and the original estimate will be accounted for as changes in accounting estimates and recognized as a profit or loss in the following year.
- 4.3.3. Distribution of compensation approved by the Board of Directors:
- 1) Employee compensation distributed in cash or stock: The cash compensation of employees was NT\$22,205 thousand.
  - 2) Discrepancy between the actual amount and the original estimates, and the reasons and handling thereof:
    - (1) Compensation discrepancies: The accrued expenses for employee compensation in 2022 were NT\$22,205 thousand. There is no discrepancy between the actual distribution amount and the accrued expenses for employee compensation.
    - (2) Reason and handling:
  - 3) The percentage of employee compensation distributed in stock of the sum of after-tax net income stated in the parent company-only financial reports or individual financial reports for the current period and of total employee compensation: Not applicable because the Bank did not distribute any employee compensation in stock.
- 4.3.4. The actual distribution of employee, director, and supervisor compensation for 2021(including the number of shares, monetary amount, and stock price of the shares distributed), and any discrepancy between the actual distribution and the recognized employee, director, or supervisor compensation, and the reason and handling thereof:

	2021			
	Compensation distributed with Board approval	Recognized expenses	Difference	Reason and handling
Distribution status:				
A. Employee compensation distributed in cash	NT\$17,202 thousand	NT\$17,202 thousand	NT\$0 thousand	There is no discrepancy between actual and recognized employee and director compensation.
B. Employee compensation distributed in stock				
(1) shares,	-	-	-	
(2) amount, and	-	-	-	
(3) stock price	-	-	-	
C. Compensation to directors and supervisors	-	-	-	



## 5. Internal Control Statement

### CTBC Bank Internal Control Statement

To: Financial Supervisory Commission,

On behalf of CTBC Bank Co., Ltd., we hereby certify that for the fiscal year of 2022, the Bank has duly complied with the Implementation Rules of Internal Audit and Internal Control System of Financial Holding Companies and Banking Industries in establishing our internal control system, enforcing risk management, auditing the same by an independent audit unit and reporting the results thereof to the Board of Directors and Audit Committee on a periodic basis; the Bank has also duly complied with paragraph 5 of Article 38 and Article 38-1 of the abovementioned implementation rules as well as the information security self-discipline standards established by relevant financial industry associations.

For its concurrent securities business, the Bank has evaluated the effectiveness of the design and implementation of the relevant internal control system according to the evaluation requirements under the Regulations Governing the Establishment of Internal Control Systems by Service Enterprises in Securities and Futures Markets.

For its concurrent insurance agent business, the Bank has evaluated the effectiveness of the design and implementation of the relevant internal control system according to the Regulations Governing the Implementation of Internal Control and Audit System and Business Solicitation System of Insurance Agent Companies and Insurance Broker Companies.

Upon prudent evaluation, we, the undersigned, hereby certify that, with the exception of the items listed in the attachment, the Bank's internal control system, compliance with relevant laws and regulations, and overall information security mechanism were effectively implemented in 2022. This statement shall form part of the Bank's annual report and prospectus to be disclosed to the public, and we are liable for false information or omissions in its material contents under Articles 20, 32, 171, and 174 of the Securities and Exchange Act.

Sincerely yours,

Chairman



President



Chief Auditor



Chief Compliance Officer



Chief Information Security Officer



Feb. 24, 2023

## Issues and corrective actions for CTBC Bank Co., Ltd. internal control system

As of Dec. 31, 2022

Issue for improvement	Corrective actions	Target completion date
1. The FSC found deficiencies in CTBC Bank's cooperation with Taiwan Life in insurance telemarketing business, citing failure to properly manage the operation and personnel of the telemarketing center. The FSC imposed an administrative fine of NT\$1,200,000.	All telemarketing business with the insurance company was terminated.	Completed
2. The FSC found deficiencies in CTBC Bank's insurance agent business, citing a sales agent's failure to correctly fill in the source of insurance premiums on a sales report. The FSC imposed an administrative fine of NT\$1,200,000 and ordered that the checking mechanism for the source of premiums be reviewed and strengthened within one month.	The checking mechanism for the source of insurance premiums was strengthened, and the sales personnel were trained in examining the source of premiums and correctly filling in the same in sales reports.	Completed
3. The FSC found deficiencies in CTBC Bank's insurance agent business, citing an insurance application that was submitted to an insurance company despite not conforming to the rules already provided by the insurance company. The FSC imposed an administrative fine of NT\$600,000.	Clarification has been made with all insurance companies regarding insurance application criteria. Any change of application criteria will be communicated with relevant staff.	Completed
4. The FSC noted that a CTBC Bank employee accessed a customer's personal data in the banking system and provided such to a third party. The FSC imposed an administrative fine of NT\$50,000.	(1) An annual internal examination of personal data management was initiated and information security indicators were added to annual personal performance evaluations. (2) Continual information security training will be provided to raise awareness regarding information security compliance.	Completed
5. The FSC noted deficiencies in CTBC Bank's OBU securities business, citing the registration change of responsible person and the personnel qualification did not comply with relevant regulations. The FSC imposed one reprimand.	Materials required for the registration were submitted and relevant operating procedures were examined.	Completed

6. **Audit Committee Report on last year's financial statement**

**CTBC Bank Co., Ltd.**  
**2022 Audit Committee Report**

The financial statements(unconsolidated and consolidated), business report, and earnings distribution plan submitted by the Board of Directors of CTBC Bank Co., Ltd., among which the financial statements(unconsolidated and consolidated) have been audited by external auditors Wu, Lin and Chen, Fu-Jen of KPMG, have been duly examined and accepted as correct by the Audit Committee in accordance with Article 14-4 of the Securities and Exchange Act and Article 219 of the Company Act, and the committee's report is hereby submitted.

Audit Committee Convener  
Sheng-Yung Yang



Taipei, Taiwan, R.O.C.  
April 28, 2023

## 7. Head office and domestic branches

### 7.1. Domestic branches

Branch Name	Address	Telephone
Head Office (Banking Department)	1F., No. 168, Jingmao 2nd Rd., Nangang District , Taipei City 115, Taiwan (R.O.C.)	886-2-33271688
Jhancian Branch	1F., No. 4, Sec. 1, Zhongxiao W. Rd., Zhongzheng District , Taipei City 100, Taiwan (R.O.C.)	886-2-23113598
Huashan Branch	1F., No. 55, Sec. 1, Zhongsiao E. Rd., Zhongzheng District , Taipei City 100, Taiwan (R.O.C.)	886-2-23413000
Dongmen Branch	1F., No. 213, Sec. 2, Sinyi Rd., Zhongzheng District , Taipei City 100, Taiwan (R.O.C.)	886-2-23958000
Chengjhong Branch	1F., No. 83, Sec. 1, Chongcing S. Rd., Zhongzheng District , Taipei City 100, Taiwan (R.O.C.)	886-2-23818740
Daan Branch	1F., No. 102, Sec. 2, Roosevelt Rd., Zhongzheng District , Taipei City 100, Taiwan (R.O.C.)	886-2-33651988
Mincyuan West Road Branch	1F., No. 104-1, Mincyuan W. Rd., Datong District , Taipei City 103, Taiwan (R.O.C.)	886-2-25572919
Chengde Branch	1F., No. 17, Sec. 1, Chengde Rd., Datong District , Taipei City 103, Taiwan (R.O.C.)	886-2-25562088
Sihu Branch	1F., No. 244, Sec. 1, Neihu Rd., Neihu District , Taipei City 114, Taiwan (R.O.C.)	886-2-27999588
Jhongsan Branch	1F., No. 106-2, Sec. 2, Jhongsan N. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25235222
Minsheng Branch	1F., No. 58, Sec. 1, Minsheng E. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25641818
East Minsheng Branch	1F., No. 51, Sec. 3, Minsheng E. Rd., Zhongshan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25093656
Dazhi Branch	1F., No. 638, Mingshuei Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-85026002
Chengbei Branch	1F., No. 218, Songjiang Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25623789
Nanjing East Road Branch	1F., No. 16, Sec. 1, Nanjing E. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25232238
Chengdong Branch	1F., No. 88, Sec. 2, Nanjing E. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25677377
Longjiang Branch	1F., No. 65, Sec. 3, Nanjing E. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2-25158811
Chang An Branch	No. 26, Fusing N. Rd., Jhongsan District , Taipei City 104, Taiwan (R.O.C.)	886-2- 27785881
Jhungleun Branch	1F., No. 85, Sec. 4, Bade Rd., Songshan District , Taipei City 105, Taiwan (R.O.C.)	886-2-27672669
Fujin Branch	1F., No. 165, Sec. 5, Minsheng E. Rd., Songshan District , Taipei City 105, Taiwan (R.O.C.)	886-2-27602766
Sisong Branch	1F., No. 161, Sec. 5, Nanjing E. Rd., Songshan District , Taipei City 105, Taiwan (R.O.C.)	886-2-37655588
Fubei Branch	1F., No. 363, Fusing N. Rd., Songshan District , Taipei City 105, Taiwan (R.O.C.)	886-2-87705566
Dunbei Branch	1F., No. 122, Dunhua N. Rd., Songshan District , Taipei City 105, Taiwan (R.O.C.)	886-2-27169789
Renai Branch	1F., No. 341, Sec. 4, Renai Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27754600
Anhe Branch	1F., No. 195, Sec. 2, Anhe Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27386171
Yanji Branch	1F., No. 298, Sec. 4, Zhongsiao E. Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27716000
Jhongsiao Branch	1F., No. 71, Sec. 4, Zhongsiao E. Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27520310
Sinyi Branch	1F., No. 236, Sec. 4, Sinyi Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27079977
Fusing Branch	1F., No. 251, Sec. 1, Dunhua S. Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-27771988
Dunnan Branch	1F., No. 68, Sec. 2, Dunhua S. Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-23253616
Gungguan Branch	1F., No. 311, Sec. 3, Roosevelt Rd., Daan District , Taipei City 106, Taiwan (R.O.C.)	886-2-23623377
Wanhua Branch	1F., No. 92, Sec. 2, Changsha St., Wanhua District , Taipei City 108, Taiwan (R.O.C.)	886-2-23898188
Yongji Branch	1F., No. 18, Yongji Rd., Sinyi District , Taipei City 110, Taiwan (R.O.C.)	886-2-27617999
Songshan Branch	1F., No. 550, Sec. 5, Zhongsiao E. Rd., Sinyi District , Taipei City 110, Taiwan (R.O.C.)	886-2-23466711
Shinfu Branch	1F., No. 9, Songgao Rd., Sinyi District , Taipei City 110, Taiwan (R.O.C.)	886-2-27221668
Tianmu Branch	1F., No. 90, Sec. 6, Jhongsan N. Rd., Shihlin District , Taipei City 111, Taiwan (R.O.C.)	886-2-28322888
Shihlin Branch	1F., No. 307, Zhongjheng Rd., Shihlin District , Taipei City 111, Taiwan (R.O.C.)	886-2-28839900

Branch Name	Address	Telephone
North Tianmu Branch	1F., No. 10, Tianmu W. Rd., Shilin District , Taipei City 111, Taiwan (R.O.C.)	886-2-28766100
Jiantan Branch	1F, No. 150, Sec. 4, Chengde Rd., Shilin District , Taipei City 111, Taiwan (R.O.C.)	886-2-28827979
Shihpai Branch	1F., No. 46, Sec. 2, Shihpai Rd., Beitou District , Taipei City 112, Taiwan (R.O.C.)	886-2-28213366
Beitou Branch	1F., No. 217, Guangming Rd., Beitou District , Taipei City 112, Taiwan (R.O.C.)	886-2-28983039
Rueiguang Branch	No. 514, Sec. 1, Neihu Rd., Neihu District , Taipei City 114, Taiwan (R.O.C.)	886-2-27985600
Chenggong Branch	1F., No. 161, Sec. 4, Chenggong Rd., Neihu District , Taipei City 114, Taiwan (R.O.C.)	886-2-87911686
Neihu Branch	1F., No. 358, Sec. 4, Chenggong Rd., Neihu District , Taipei City 114, Taiwan (R.O.C.)	886-2-27938668
Donghu Branch	No.460, Sec. 5, Chenggong Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)	886-2-26312288
Mujha Branch	1F., No. 69, Sec. 3, Mujha Rd., Wunshan District , Taipei City 116, Taiwan (R.O.C.)	886-2-29375890
Wunshan Branch	1F., No. 248, Sec. 4, Sinhai Rd., Wunshan District , Taipei City 116, Taiwan (R.O.C.)	886-2-29335358
Jingmei Branch	No. 405, Sec. 6, Roosevelt Rd., Wenshan District , Taipei City 116, Taiwan (R.O.C.)	886-2-29329838
Keelung Branch	1F., No. 150, Sinyi Rd., Sinyi District , Keelung City 201, Taiwan (R.O.C.)	886-2-24221166
Pucian Branch	No. 409, Sec. 2, Zhongshan Rd., Banqiao Dist., New Taipei City 220, Taiwan (R.O.C.)	886-2-29550666
Bansin Branch	1F., No. 293-1, Sec. 1, Jhongshan Rd., Banciao District , New Taipei City 220, Taiwan (R.O.C.)	886-2-89611500
Banciao Branch	1F., No. 187, Sec. 1, Wunhua Rd., Banciao District , New Taipei City 220, Taiwan (R.O.C.)	886-2-29606600
Chongcing Branch	1F., No. 290, Chongcing Rd., Banciao District , New Taipei City 220, Taiwan (R.O.C.)	886-2-29634567
SinbanteCy Branch	1F., No. 88, Sec. 2, Sianmin Blvd., Banqiao District , New Taipei City 220, Taiwan (R.O.C.)	886-2-29619666
Jiangcui Branch	No. 242, Sec. 2, Wenhua Rd., Banqiao Dist., New Taipei City 220, Taiwan (R.O.C.)	886-2-22578999
Sijhih Branch	1F., No. 210, Sec. 2, Datong Rd., Sijhih District , New Taipei City 221, Taiwan (R.O.C.)	886-2-26489699
Sindian Branch	No. 150, Sec. 1, Beixin Rd., Xindian District , New Taipei City 231, Taiwan (R.O.C.)	886-2-29129988
North Sindian Branch	1F., No. 25, Mincyuan Rd., Sindian District , New Taipei City 231, Taiwan (R.O.C.)	886-2-29135000
Baociang Branch	1F., No. 31, Baociang Rd., Sindian District , New Taipei City 231, Taiwan (R.O.C.)	886-2-29123366
Yonghe Branch	1F., No. 215, Sec. 1, Jhongshan Rd., Yonghe District , New Taipei City 234, Taiwan (R.O.C.)	886-2-89235008
Shuanghe Branch	1F., No. 588, Jhongheng Rd., Yonghe District , New Taipei City 234, Taiwan (R.O.C.)	886-2-29233333
Nashihjiao Branch	1F., No. 65, Jhongheng Rd., Yonghe District , New Taipei City 234, Taiwan (R.O.C.)	886-2-29498838
Banhe Branch	1F., No. 726, Jhongheng Rd., Jhonghe District , New Taipei City 235, Taiwan (R.O.C.)	886-2-82261288
Jhonghe Branch	1F., No. 261, Sec. 2, Zhongshan Rd., Zhonghe District , New Taipei City 235, Taiwan (R.O.C.)	886-2-22452277
Tucheng Branch	1F., No. 304, Sec. 2, Jhongyang Rd., Tucheng District , New Taipei City 236, Taiwan (R.O.C.)	886-2-22630888
Jincheng Branch	1F., No. 16, Sec. 3, Jincheng Rd., Tucheng District , New Taipei City 236, Taiwan (R.O.C.)	886-2-22601177
Sanxia Branch	No. 113, Daxue Rd., Sanxia Dist., New Taipei City 237, Taiwan (R.O.C.)	886-2-26724088
Shulin Branch	1F., No. 122, Sec. 1, Jhongshan Rd., Shulin District , New Taipei City 238, Taiwan (R.O.C.)	886-2-26812345
Sanhe Branch	1F., No. 119, Sec. 4, Sanhe Rd., Sanchong District , New Taipei City 241, Taiwan (R.O.C.)	886-2-22863286
Sanchong Branch	1F., No. 208, Jhengyi N. Rd., Sanchong District , New Taipei City 241, Taiwan (R.O.C.)	886-2-29828121
Erchongpu Branch	1F., No. 70-1, Sec. 1, Guangfu Rd., Sanchong District , New Taipei City 241, Taiwan (R.O.C.)	886-2-29959876
Chongyang Branch	1F., No. 66, Sec. 1, Chongyang Rd., Sanchong District , New Taipei City 241, Taiwan (R.O.C.)	886-2-89881199
Chongsin Branch	1F., No. 42-1, Sec. 2, Chongsin Rd., Sanchong District , New Taipei City 241, Taiwan (R.O.C.)	886-2-89726189
Sinjhuang Branch	1F., No. 320, Jhongheng Rd., Sinjhuang District , New Taipei City 242, Taiwan (R.O.C.)	886-2-29929696
Danfong Branch	1F., No. 879-15, Jhongheng Rd., Sinjhuang District , New Taipei City 242, Taiwan (R.O.C.)	886-2-29066888
Xinfu Branch	No. 333, Zhongyuan Rd., Xinzuang Dist., New Taipei City 242, Taiwan (R.O.C.)	886-2-89916999
North Sinjhuang Branch	1F., No. 57, Sec. 2, Jhonghua Rd., Sinjhuang District , New Taipei City 242, Taiwan (R.O.C.)	886-2-22776789

Branch Name	Address	Telephone
Minan Branch	1F., No. 179, Min-an Rd., Sinhuang District , New Taipei City 242, Taiwan (R.O.C.)	886-2-22068887
East Linkou Branch	1F., No. 677, Jhongshan Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)	886-2-26019397
Lujhou Branch	1F., No. 211, Jhongshan 1st Rd., Lujhou District , New Taipei City 247, Taiwan (R.O.C.)	886-2-28482008
East Lujhou Branch	1F., No. 135, Minzu Rd., Lujhou District , New Taipei City 247, Taiwan (R.O.C.)	886-2-22839300
North Lujhou Branch	1F., No. 355, Changrong Rd., Lujhou District , New Taipei City 247, Taiwan (R.O.C.)	886-2-22881999
Danshuei Branch	1F., No. 123, Jhongshan Rd., Danshuei District , New Taipei City 251, Taiwan (R.O.C.)	886-2-86318822
Yilan Branch	1F., No. 271, Sec.2, Jhongshan Rd.,Yilan City ,Yilan County 260, Taiwan (R.O.C.)	886-3-9351122
Lohdong Branch	1F., No. 232, Singdong S. Rd., Luodong Township, Yilan County 265, Taiwan (R.O.C.)	886-3-9574320
Hsinchu Branch	1F., No. 158, Jhongheng Rd., East District , Hsinchu City 300, Taiwan (R.O.C.)	886-3-5222687
Guangfu Branch	No. 35, Ln. 19, Guanxin Rd., East District , Hsinchu City 300, Taiwan (R.O.C.)	886-3-5790678
Jhuke Branch	1F., No. 2, Jinshan St., East District , Hsinchu City 300, Taiwan (R.O.C.)	886-3-5638080
East Hsinchu Branch	1F., No. 32, Jianjhong Rd., East District , Hsinchu City 300, Taiwan (R.O.C.)	886-3-5749190
Baoshan Branch	No. 301, Shihpin Rd., East District , Hsinchu City 300, Taiwan (R.O.C.)	886-3-5628877
Liou Jia Jhuang Branch	No. 36, Sec. 2, Wenxing Rd., Zhubei City, Hsinchu County 302, Taiwan (R.O.C.)	886-3-5506789
Jhupei Branch	1F., No. 49, Guangming 6th Rd., Jhubei City, Hsinchu County 302, Taiwan (R.O.C.)	886-3-6560222
Jhongyuan Branch	1F., No. 203, Sec. 2, Jhongbei Rd., Jhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)	886-3-4662211
Neili Branch	1F., No. 262, Sec. 1, Zhonghua Rd., Jhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)	886-3-4611998
Jhongli Branch	1F., No. 500, Yanping Rd., Jhongli Dist., Taoyuan City 320, Taiwan (R.O.C.)	886-3-4223131
Nan JungLi Branch	No. 68, Huannan Rd., Pingzhen Dist., Taoyuan City 324, Taiwan (R.O.C.)	886-3-4028788
Yiwun Branch	No. 1247, Zhongzheng Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)	886-3-3567785
Taoyuan Branch	1F., No. 32, Sec. 1, Chenggong Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)	886-3-3373266
South Taoyuan Branch	1F., No. 845, Jhongshan Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)	886-3-3600533
North Taoyuan Branch	1F., No. 124, Jingguo Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C.)	886-3-3150566
Linkou Branch	1F., No. 233, Fuxing 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	886-3-3962777
Bade Branch	1F., No. 965, Sec. 1, Jieshou Rd., Bade Dist., Taoyuan City 334, Taiwan (R.O.C.)	886-3-3716565
Nankan Branch	1F., No. 257, Jhongheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan (R.O.C.)	886-3-3212211
Toufen Branch	1F., No. 951, Jhonghua Rd., Toufen City, Miaoli County 351, Taiwan (R.O.C.)	886-3-7695678
Taichung Branch	1F., No. 50, Minzu Rd., Central District , Taichung City 400, Taiwan (R.O.C.)	886-4-22292161
Keboguan Branch	1F., No. 239, Sec. 2, Taiwan Blvd., West Dist., Taichung City 403, Taiwan (R.O.C.)	886-4-23101258
Chunggang Branch	1F., No. 536, Sec. 2, Taiwan Blvd., West Dist., Taichung City 403, Taiwan (R.O.C.)	886-4-23149999
Intercontinental Branch	1F, No. 418, Sec. 3, Chongde Rd., Beitun Dist., Taichung City 406, Taiwan (R.O.C.)	886-4-24229391
Wunsin Branch	1F., No. 875, Sec. 4, Wunsin Rd., Beitun District , Taichung City 406, Taiwan (R.O.C.)	886-4-22469988
Shizheng Branch	No. 88, Sec. 1, Huizhong Rd., Xitun Dist., Taichung City 407, Taiwan (R.O.C.)	886-4-22545333
Liming Branch	1F., No. 173, Sec. 3, Liming Rd., Xitun Dist., Taichung City 407, Taiwan (R.O.C.)	886-4-27082200
Situn Branch	1F., No. 859, Sec. 4, Taiwan Blvd., Situn Dist., Taichung City 407, Taiwan (R.O.C.)	886-4-23551000
Nantun Branch	1F., No. 234, Sec. 2, Wucyuan W. Rd., Nantun District , Taichung City 408, Taiwan (R.O.C.)	886-4-24712268
Taiping Branch	No. 500, Yuxian Rd., Taiping Dist., Taichung City 411, Taiwan (R.O.C.)	886-4-23958285
Hueijhong Branch	No. 88, Sec. 3, Hueijhong Rd., Nantun Dist., Taichung City 408, Taiwan (R.O.C.)	886-4-23891269
Dali Branch	No. 201, Sec. 2, Guoguang Rd., Dali Dist., Taichung City 412, Taiwan (R.O.C.)	886-4-24073777
Fongyuan Branch	1F., No. 545, Jhongheng Rd., Fongyuan District , Taichung City 420, Taiwan (R.O.C.)	886-4-25201010

Branch Name	Address	Telephone
Nantou Branch	1F., No. 220, Jhongshan St., Nantou City, Nantou County 540, Taiwan (R.O.C.)	886-49-2207711
Changhua Branch	1F., No. 76, Siaoyang Rd., Changhua City, Changhua County 500, Taiwan (R.O.C.)	886-4-7279933
Yuanlin Branch	1F., No. 372, Jhongheng Rd., Yuanlin City, Changhua County 510, Taiwan (R.O.C.)	886-4-8368676
Chiayi Branch	1F., No. 241, Minsheng N. Rd., Chiayi City 600, Taiwan (R.O.C.)	886-5-2286600
Douliou Branch	1F., No. 2, Singhua St., Douliou City, Yunlin County 640, Taiwan (R.O.C.)	886-5-5360099
Central Tainan Branch	1F., No. 167, Sec. 1, Minsheng Rd., West Central District, Tainan City 700, Taiwan (R.O.C.)	886-6-2412318
Tainan Branch	1F., No. 159, Sec. 1, Fucian Rd., West Central District, Tainan City 700, Taiwan (R.O.C.)	886-6-2152345
West Tainan Branch	1F., No. 212, Sec. 4, Jinhua Rd., West Central Dist., Tainan City 700, Taiwan (R.O.C.)	886-6-2263636
Jhonghua Branch	1F., No. 195, Sec. 2, Jhonghua E. Rd., East District, Tainan City 701, Taiwan (R.O.C.)	886-6-3353535
East Tainan Branch	1F., No. 290, Sec. 2, Changrong Rd., East District, Tainan City 701, Taiwan (R.O.C.)	886-6-2085522
South Tainan Branch	1F., No. 236, Sec. 2, Jiankang Rd., South District, Tainan City 702, Taiwan (R.O.C.)	886-6-2919999
Yan Hang Branch	1F., No. 111, Jhongzheng N. Rd., Yongkang Dist., Tainan City 710, Taiwan (R.O.C.)	886-6-2539199
Yongkang Branch	1F., No. 425, Jhonghua Rd., Yongkang District, Tainan City 710, Taiwan (R.O.C.)	886-6-2025787
Rende Branch	1F., No. 478, Zhongshan Rd., Rende District, Tainan City 717, Taiwan (R.O.C.)	886-6-2798099
Jiali Branch	1F., No. 410, Jhongshan Rd., Jiali District, Tainan City 722, Taiwan (R.O.C.)	886-6-7221335
Sinying Branch	1F., No. 137, Jhongshan Rd., Sinying District, Tainan City 730, Taiwan (R.O.C.)	886-6-6336789
Sinsing Branch	1F., No. 206, Minsheng 1st Rd., Sinsing District, Kaohsiung City 800, Taiwan (R.O.C.)	886-7-2262325
Minzu Branch	1F., No. 97, Minzu 2nd Rd., Sinsing District, Kaohsiung City 800, Taiwan (R.O.C.)	886-7-2386567
Kaohsiung Branch	1F., No. 168, Jhongheng 4th Rd., Cianjin District, Kaohsiung City 801, Taiwan (R.O.C.)	886-7-2318141
East Kaohsiung Branch	1F., No. 29, Cingnian 1st Rd., Lingya District, Kaohsiung City 802, Taiwan (R.O.C.)	886-7-5351885
South Kaohsiung Branch	1F., No. 21, Yisin 2nd Rd., Cianjhen District, Kaohsiung City 806, Taiwan (R.O.C.)	886-7-3366768
Gaomeiguan Branch	No. 25, 27, Mingcheng 4th Rd., Gushan Dist., Kaohsiung City 804, Taiwan (R.O.C.)	886-7-5500850
Jiouru Branch	1F., No. 551, Jiouru 1st Rd., Sanmin District, Kaohsiung City 807, Taiwan (R.O.C.)	886-7-3805558
Sanmin Branch	1F., No. 366, Jiouru 2nd Rd., Sanmin District, Kaohsiung City 807, Taiwan (R.O.C.)	886-7-3161155
North Kaohsiung Branch	1F., No. 52, Mingcheng 2nd Rd., Sanmin District, Kaohsiung City 807, Taiwan (R.O.C.)	886-7-3461199
Youchang Branch	1F., No. 803-3, Houchang Rd., Nanzih District, Kaohsiung City 811, Taiwan (R.O.C.)	886-7-3681699
Boai Branch	1F., No. 88, Bo-ai 2nd Rd., Zuoying District, Kaohsiung City 813, Taiwan (R.O.C.)	886-7-5567909
Gangshan Branch	1F., No. 388, Gangshan Rd., Gangshan District, Kaohsiung City 820, Taiwan (R.O.C.)	886-7-6235500
Fongshan Branch	1F., No. 85-1, Jhongshan Rd., Fongshan District, Kaohsiung City 830, Taiwan (R.O.C.)	886-7-7451199
Wujia Branch	1F., No. 699, Wujia 2nd Rd., Fongshan District, Kaohsiung City 830, Taiwan (R.O.C.)	886-7-8215101
Cingnian Branch	1F., No. 315, Sec. 2, Cingnian Rd., Fongshan District, Kaohsiung City 830, Taiwan (R.O.C.)	886-7-7777668
Pingtung Branch	1F., No. 450, Zihyou Rd., Pingtung City, Pingtung County 900, Taiwan (R.O.C.)	886-8-7383000
Taitung Branch	1F., No. 279, Jhongshan Rd., Taitung City, Taitung County 950, Taiwan (R.O.C.)	886-8-9339898
Hualien Branch	1F., No. 376, Jhongshan Rd., Hualien City, Hualien County 970, Taiwan (R.O.C.)	886-3-8340566
East Hualien Branch	1F., No. 1-7, Gongyuan Rd., Hualien City, Hualien County 970, Taiwan (R.O.C.)	886-3-8351101

## 7.2. Overseas services outlets

### Branches

Unit	Address	Telephone	Fax
Hong Kong Branch	Room 2801, 28F and Room 2104-10, 21F, Two International Finance Centre, 8 Finance St., Central, Hong Kong	852-29161511	852-29161777
Kowloon Branch	20F, Manhattan Place, No. 23 Wang Tai Rd., Kowloon Bay, Kowloon, Hong Kong	852-29161688	852-28050899
Shanghai Branch	27F, Shanghai World Financial Center, 100 Century Av., Pudong New Area, Shanghai 200120, PRC	86-21-20805888	86-21-68778788
Shanghai Changning Sub-Branch	Unit 01, 04A, 04B, 29F, No. 1438, Hongqiao Rd., Changning Dist., Shanghai 201103, PRC	86-21-20805998	86-21-68889599
Shanghai Hongqiao Sub-Branch	1104-1105, 11F, 818 Shen Chang Rd., Shanghai 201106, PRC	86-21-38766006	86-21-38766030
Guangzhou Branch	6F, International Finance Place, No. 8 Huaxia Rd., Pearl River New Town, Guangzhou 510623, PRC	86-20-38560388	86-20-38560333
Xiamen Branch	29F, Ganghang Building, No. 29 North Donggang Rd., China (Fujian) Pilot Free Trade Zone, Xiamen Subdistrict, 361013, PRC	86-592-5669686	86-592-5668738
Shenzhen Branch	Unit 401A/ 402A2b, Kerry Plaza, No. 1, Zhong Xin Si Rd., Futian CBD, Shenzhen, 518048, PRC	86-755-25767918	86-755-25767900
Singapore Branch	8 Marina View, #29-01, Asia Square Tower 1, Singapore 018960	65-63514888	65-65325999
New Delhi Branch	Gr. Floor & 2nd Floor, Aria Tower, JW Marriott Hotel, Delhi-Aerocity, Asset Area-4, New Delhi-110037, India	91-11-43688888	91-11-43688873
Sriperumbudur Branch	Plot No. 42 Chennai Bangalore Highways NH4, Sriperumbudur, Kancheepuram District, Tamil Nadu-602105, India	91-44-67147700	91-44-67147799
Ho Chi Minh City Branch	Room 1, 2, 3, 9 Floor 7 and room 1-9, Floor 9, MPlaza Saigon Building, 39 Le Duan Street, District 1, Ho Chi Minh City, Vietnam	84-28-39101888	84-28-39101999
Tokyo Branch	Kioi Tower 28F, Tokyo Garden Terrace Kioicho, 1-3 Kioicho, Chiyoda-ku, Tokyo 102-0094, Japan	81-3-32889888	81-3-35568892
New York Branch	11F, #521 Fifth Av., New York, NY 10175, USA	1-212-4578888	1-212-4576666



## Subsidiaries

Unit	Address	Telephone	Fax
PT Bank CTBC Indonesia	Tamara Center, 15 <sup>th</sup> -17 <sup>th</sup> Floor, Jl Jenderal Sudirman Kav. 24, Jakarta, 12920, Indonesia	62-21-25578787	62-21-30402286
CTBC Bank (Philippines) Corp.	16th-19th Floor, Fort Legend Towers, 31st St., Corner 3rd Av., Bonifacio Global City, Taguig City, 1634 Philippines	63-2-77175287	63-2-88118584
CTBC Bank Corp. (Canada)	Suite #350-2608 Granville St., Vancouver, B.C., V6H 3V3, Canada	1-778-3096800	1-778-3091556
CTBC Bank Corp. (USA)	801 S. Figueroa St., Suite 2300 (22-23F), Los Angeles, CA 90017, USA	1-310-7912828	1-424-2774698
The Tokyo Star Bank, Ltd.	2-3-5 Akasaka, Minato-Ku, Tokyo, 107-8480, Japan	81-3-35863111	81-3-32241510
LH Financial Group Public Company Limited	1 Q. House Lumpini Building, 5th Floor, South Sathon Rd., Thungmahamek, Sathon, Bangkok Thailand 10120	66-23590000	66-26777223

## Representative offices

Unit	Address	Telephone	Fax
Bangkok Rep. Office	Suite 803, 8F, GPF Witthayu, Tower A, 93/1 Wireless Rd., Lumpini, Pathumwan, Bangkok 10330, Thailand	66-2-2543139	66-2-2566480
Hanoi Rep. Office	East-3002, 30F, LOTTE Center Hanoi, No. 54 Lieu Giai St., Cong Vi Ward, Ba Dinh District, Hanoi, Vietnam	84-24-38249088	84-24-38249099
Los Angeles Rep. Office	17851 Colima Rd., Suite A2, City of Industry, CA91748, USA	1-626-8397660	1-626-9120868
Beijing Rep. Office	B-111, The Grand Pacific Building, 8a, Guanghua Rd., Chao Yang District, Beijing, 100026, PRC	86-10-65813700	86-10-65815701
Sydney Rep. Office	Suite 2702, Level 27, 259 George St., Sydney, NSW 2000, Australia	61-2-92513655	61-2-92513644
Yangon Rep. Office	Unit #506, No. 53, Strand Rd., Pabedan Township, Yangon, Myanmar	95-1-2307348	95-1-2307347
Kuala Lumpur Rep. Office	Lot 11-09, Level 11, Menara Hap Seng 2, Letter Box 21, Plaza Hap Seng, No. 1 Jalan P. Ramlee 50250 Kuala Lumpur, Malaysia	60-3-20223299	60-3-20223277

**CTBC BANK CO., LTD. AND SUBSIDIARIES**

**Consolidated Financial Statements**

**With Independent Auditors' Report  
For the Years Ended December 31, 2022 and 2021**

**Address: No. 166, 168, 170, 186, 188, Jingmao 2nd Rd., Nangang Dist., Taipei City  
115, Taiwan, R.O.C.**  
**Telephone: 886-2-3327-7777**

The independent auditors' report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' report and consolidated financial statements, the Chinese version shall prevail.

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## **Representation Letter**

The entities that are required to be included in the consolidated financial statements of CTBC Bank Co., Ltd. for the year ended December 31, 2022 under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with International Financial Reporting Standard No. 10 “Consolidated Financial Statements” , endorsed by the Financial Supervisory Commission of the Republic of China. In addition, the information required to be disclosed in the consolidated financial statements of the affiliates is fully included in the consolidated financial statements. Consequently, CTBC Bank Co., Ltd. and subsidiaries do not prepare a separate set of consolidated financial statements of the affiliated enterprises.

Company name: CTBC Bank Co., Ltd.  
Chairman: Li, Ming-Shieh  
Date: March 15, 2023



安侯建業聯合會計師事務所  
KPMG

台北市110615信義路5段7號68樓(台北101大樓)  
68F., TAIPEI 101 TOWER, No. 7, Sec. 5,  
Xinyi Road, Taipei City 110615, Taiwan (R.O.C.)

電話 Tel + 886 2 8101 6666  
傳真 Fax + 886 2 8101 6667  
網址 Web home.kpmg/tw

## Independent Auditors' Report

To the Board of Directors of CTBC Bank Co., Ltd.:

### Opinion

We have audited the consolidated financial statements of CTBC Bank Co., Ltd. (“the Bank”) and its subsidiaries, which comprise the consolidated balance sheets as of December 31, 2022 and 2021, the consolidated statements of comprehensive income, changes in stockholders' equity and cash flows for the years ended December 31, 2022 and 2021, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Bank and its subsidiaries as at December 31, 2022 and 2021, and its consolidated financial performance and its consolidated cash flows for the years ended December 31, 2022 and 2021 in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, Regulations Governing the Preparation of Financial Reports by Securities Firms, Regulations Governing the Preparation of Financial Reports by Futures Commission Merchants and International Financial Reporting Standards (IFRSs), International Accounting Standards(IASs), interpretations and pronouncements as endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

### Basis for Opinion

We conducted our audit of the consolidated financial statements in accordance with the Regulations Governing Auditing and Certification of Financial Statements by Certified Public Accountants, Jin Kuan Yin No. 10802731571 issued by the Financial Supervisory Commission, and Standards on Auditing of the Republic of China. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the consolidated Financial Statements section of our report. We are independent of the Bank and its subsidiaries in accordance with the Certified Public Accountants Code of Professional Ethics in Republic of China (“the Code”), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### Emphasis of Matter

The judicial cases are stated in Note 9(c). Part of judicial cases are still under investigation by the judiciary, and the results remain uncertain. Our opinion is not modified in respect of this matter.

### Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements for the year ended December 31, 2022. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. In our judgment, the key audit matters which should communicate through the auditors' report were as follows:



## 1. Assessment of the fair value of financial instruments

Please refer to Note 4(f) for the related accounting policies of the assessment of the fair value of financial instruments, Note 5 for the accounting assumptions and estimation uncertainty, and Note 6(aq) for the other details.

Description of key audit matter:

Parts of the financial instruments owned by the Bank and its subsidiaries as of December 31, 2022 were valued via evaluation model due to the lack of transaction prices at active market, and parts of the referred input values could not be obtained from the public market. Thus, it demands significant professional judgments from the management by using different valuation techniques and assumptions for input values. Therefore, the assessment of fair value of financial instruments is one of the key audit matters.

How the matter was addressed in our audit:

Our principal audit procedures included: Testing the management's control procedures over the classification, measurement and disclosure of fair value of financial instruments, including evaluating how the management determines the classification of financial instruments, chooses the appropriate evaluation method and decides the prime parameter hypothesis, and confirming that the presentation and disclosure of financial instruments are in accordance with the International Financial Reporting Standards (IFRSs). For financial instruments with active market prices, we used sampling test to assess the appropriateness of public quoted prices. As to financial instruments using evaluation model to measure their fair value, we used sampling test to confirm the appropriateness of the evaluation method and the prime input values used by the management.

## 2. Impairment of loans and receivables

Please refer to Note 4(f) for the related accounting policies of impairment of loans and receivables, Note 5 for the accounting assumptions and estimation uncertainty, and Note 6(h), (i), (j) and (aq) for the other details.

Description of key audit matter:

The management assessed the expected credit loss (ECL) of loans and receivables by identifying whether the credit risk of credit assets has significantly increased since initial recognition, then dividing ECL into 12-month ECL and lifetime ECL, and dividing them into collective assessment and individual assessment to measure them by using different impairment methods. For collective assessment, the impairment is calculated by establishing an impairment model and using the past loss experience, current market conditions and forward-looking estimation on assets with similar credit risk characteristic to form basic estimation. For individual assessment, the measurement is based on expected future recoverable cash flows. The aforementioned measurement methods involved significant professional judgments and estimation by the management; therefore, the impairment of loans and receivables is one of the key audit matters.

How the matter was addressed in our audit:

Our principal audit procedures included: Understanding the methodology and related control procedures on how the management assesses and measures the impairment amount of loans and receivables. For collective assessment, we assessed the impairment model adopted by the management and reviewed the appropriateness of the calculation of the impairment parameters (including probability of default, loss given default, exposure at default and recovery rate) via sampling. For individual assessment, we used sampling test to assess the appropriateness of the estimation of future recoverable amounts and the value of collateral. Meanwhile, we assessed whether the allowance for loans and receivables meets the regulation requirement.

### **Other Matter**

Individual financial statements of the Bank were additionally prepared, and we have expressed an unqualified opinion with emphasis of matter and other matter on it for user reference.



## **Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements**

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, Regulations Governing the Preparation of Financial Reports by Securities Firms, Regulations Governing the Preparation of Financial Reports by Futures Commission Merchants, International Financial Reporting Standards (IFRSs), International Accounting Standards (IASs), interpretations, and pronouncements as endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Bank and its subsidiaries' ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank and its subsidiaries or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (including audit committee) are responsible for overseeing the Bank and its subsidiaries' financial reporting process.

## **Auditors' Responsibilities for the Audit of the Consolidated Financial Statements**

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Standards on Auditing of the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with the Standards on Auditing of the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank and its subsidiaries' internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank and its subsidiaries' ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Bank and its subsidiaries to cease to continue as a going concern.



5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
6. Obtain sufficient and appropriate audit evidence regarding the financial information of the entities or business activities within the Bank and its subsidiaries to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the audit and developing the Bank and its subsidiaries' audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' report are Wu, Lin and Chen, Fu Jen.

KPMG

Taipei, Taiwan (Republic of China)  
March 15, 2023

#### **Notes to Readers**

The accompanying consolidated financial statements are intended only to present the consolidated statement of financial position, financial performance and cash flows in accordance with the accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to audit such consolidated financial statements are those generally accepted and applied in the Republic of China.

The independent auditors' audit report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' audit report and consolidated financial statements, the Chinese version shall prevail.



(English Translation of Consolidated Financial Statements Originally Issued in Chinese)  
**CTBC BANK CO., LTD. AND SUBSIDIARIES**

**Consolidated Balance Sheets**

**December 31, 2022 and 2021**

(Expressed in Thousands of New Taiwan Dollars)

	December 31, 2022		December 31, 2021		December 31, 2022		December 31, 2021		
	Amount	%	Amount	%	Amount	%	Amount	%	
<b>ASSETS</b>									
11000 Cash and cash equivalents (note 4, 6(a) and (f), and 7)	\$ 83,113,633	2	62,158,243	1					
11500 Due from Central Bank and call loans to banks (note 6(b), 7 and 8)	496,634,588	9	359,081,906	7	21000 Deposits from Central Bank and other banks (note 6(s) and 7)	\$ 97,583,731	2	54,950,249	1
12000 Financial assets measured at fair value through profit or loss (note 4, 6(c), (u) and (aq), and 7)	209,728,802	4	170,220,830	4	21500 Due to Central Bank and other banks (note 6(t) and 8)	16,612,984	-	15,268,978	-
12100 Financial assets measured at fair value through other comprehensive income (note 4, 6(d), (u) and (aq), and 8)	232,273,806	4	284,398,388	6	22000 Financial liabilities measured at fair value through profit or loss (note 4, 6(c) and (aq), and 7)	71,038,076	1	45,987,326	1
12200 Investment in debt instruments at amortized cost (note 4, 6(e), (u) and (aq), and 8)	980,645,990	18	948,058,348	20	22300 Financial liabilities-hedging (note 4, 6(f) and (aq))	503,026	-	1,930	-
12300 Financial assets-hedging (note 4, 6(f) and (aq))	18,389	-	262,867	-	22500 Securities sold under repurchase agreements (note-4 and 6(u))	133,892,143	2	92,977,838	2
12500 Securities purchased under resell agreements (note 4 and 6(g))	10,141,185	-	13,602,124	-	23000 Payables (note 6(v) and 7)	87,328,626	2	76,520,726	2
13000 Receivables-net (note 4, 6(h), (j) and (aq), 7 and 8)	168,442,073	3	163,445,740	3	23200 Current income tax liabilities (note-4)	5,401,616	-	8,305,699	-
13200 Current income tax assets (note 4)	1,075,676	-	1,197,264	-	24000 Financial debentures (note 6(c) and (x))	4,614,615,833	84	4,111,584,666	85
13500 Loans-net (note 4, 6(i), (j) and (aq), 7 and 8)	3,210,623,468	57	2,737,050,671	56	25513 Commercial papers issued-net (note 6(y))	55,431,884	1	59,397,276	1
15000 Investment under equity method-net (note 4 and 6(k))	3,112,237	-	3,558,588	-	25597 Other financial liabilities (note 6(z))	50,565,469	1	33,672,608	1
15500 Other financial assets-net(note 4, 6(j), (m) and (aq), and 8)	2,196,120	-	4,355,081	-	25600 Provisions (note 4, 6(j), (aa) and (ad))	4,814,272	-	5,656,595	-
18500 Premises and equipment-net (note 4 and 6(o))	41,041,630	1	41,499,881	1	26000 Lease liabilities (note 4, 6(ac) and 7)	15,570,532	-	15,279,456	-
18600 Right-of-use assets-net (note 4 and 6(p))	17,161,009	-	17,085,809	-	29500 Deferred tax liabilities (note 4)	3,856,659	-	2,179,530	-
18700 Investment property-net (note 4 and 6(n))	4,819,089	-	5,202,667	-	<b>Total Liabilities</b>	<u>16,290,299</u>	<u>-</u>	<u>10,942,189</u>	<u>-</u>
19000 Intangible assets-net (note 4 and 6(q))	30,389,881	1	29,816,831	1	<b>Stockholders' Equity - Parent Company:</b>				
19300 Deferred income tax assets (note 4 and 6(ae))	10,472,858	-	10,241,692	-	Capital stock:				
19500 Other assets-net (note 4 and 6(r))	35,282,300	1	26,915,265	1	31101 Common stock (note 6(af))	147,962,186	3	147,962,186	3
					31500 Capital surplus (note 6(af))	29,872,413	1	29,808,171	1
					Retained earnings:				
					32001 Legal reserve	116,085,819	2	107,112,133	2
					32003 Special reserve	25,767,513	-	16,966,072	-
					32005 Undistributed earnings (note 6(af))	37,436,876	1	29,912,366	1
					32500 Other equity interest (note 6(af))	(19,433,920)	-	(14,928,200)	-
					38000 Non-controlling interests (note 6(1))	23,317,084	-	22,134,405	-
					<b>Total Equity</b>	<u>361,007,971</u>	<u>7</u>	<u>338,967,133</u>	<u>7</u>
<b>TOTAL ASSETS</b>	<u>\$ 5,537,172,734</u>	<u>100</u>	<u>4,878,152,195</u>	<u>100</u>	<b>TOTAL LIABILITIES AND EQUITY</b>	<u>\$ 5,537,172,734</u>	<u>100</u>	<u>4,878,152,195</u>	<u>100</u>

See accompanying notes to consolidated financial statements.

## (English Translation of Consolidated Financial Statements Originally Issued in Chinese)

## CTBC BANK CO., LTD. AND SUBSIDIARIES

## Consolidated Statements of Comprehensive Income

For the years ended December 31, 2022 and 2021

(Expressed in Thousands of New Taiwan Dollars, Except for Earnings Per Share)

	2022		2021		Change %	
	Amount	%	Amount	%		
41000	Interest income (note 6(a) and 7)	\$ 105,887,992	91	72,169,160	69	47
51000	Less: Interest expenses (note 6(a) and 7)	(30,802,029)	(26)	(13,200,421)	(13)	(133)
	<b>Net interest income (note 6(a))</b>	<u>75,085,963</u>	<u>65</u>	<u>58,968,739</u>	<u>56</u>	<u>27</u>
	<b>Net non-interest income</b>					
49100	Service fee and commission income (note 6(ak) and 7)	34,748,164	29	37,622,808	36	(8)
49200	Gains on financial assets or liabilities measured at fair value through profit or loss (note 6(al))	7,599,644	6	1,453,649	1	423
49310	Realized gains on financial assets measured at other comprehensive income	336,496	-	1,996,030	2	(83)
49450	Gains on derecognition of financial assets measured at amortized cost (note 6(e))	52,274	-	385,025	-	(86)
49600	Foreign exchange gains	1,737,125	1	3,719,946	4	(53)
49700	(Provision for) reversal of impairment losses on assets	(33,131)	-	3,697	-	(996)
49750	Proportionate share of gains from associates or joint ventures under equity method (note 6(k) and 12(c))	180,227	-	856,023	1	(79)
49800	Other net non-interest income (note 12(c))	1,624,622	1	2,255,901	2	(28)
49815	Gains on investment property	135,227	-	108,267	-	25
49899	Public-welfare lottery payment	(2,700,000)	(2)	(2,700,000)	(2)	-
	<b>Net revenue</b>	<u>118,766,611</u>	<u>100</u>	<u>104,670,085</u>	<u>100</u>	<u>13</u>
58200	<b>Provision for bad debt expenses, commitment and guarantee liability provision (note 6(j))</b>	<u>(8,177,843)</u>	<u>(7)</u>	<u>(7,627,241)</u>	<u>(7)</u>	<u>(7)</u>
	<b>Operating expenses:</b>					
58500	Employee benefits expenses (note 6(am) and (ao))	(32,765,305)	(28)	(35,254,345)	(34)	7
59000	Depreciation and amortization expenses (note 6(an))	(7,023,618)	(6)	(6,625,545)	(7)	(6)
59500	Other general and administrative expenses (note 6(ap) and 7)	(23,362,240)	(20)	(20,189,980)	(19)	(16)
	<b>Total operating expenses</b>	<u>(63,151,163)</u>	<u>(54)</u>	<u>(62,069,870)</u>	<u>(60)</u>	<u>(2)</u>
	<b>Net income before tax from continuing operations</b>	<u>47,437,605</u>	<u>39</u>	<u>34,972,974</u>	<u>33</u>	<u>36</u>
61003	Less: Income tax expenses (note 6(ae))	8,958,641	8	5,384,041	5	66
	<b>Net income</b>	<u>38,478,964</u>	<u>31</u>	<u>29,588,933</u>	<u>28</u>	<u>30</u>
65000	<b>Other comprehensive income:</b>					
65200	<b>Items that will not be reclassified subsequently to profit or loss</b>					
65201	Remeasurement gains (losses) related to defined benefit plans	408,611	-	(290,037)	-	241
65205	Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	2,329,242	2	33,300	-	6,895
65204	Unrealized (losses) gains from investments in equity instruments measured at fair value through other comprehensive income	(3,902,920)	(3)	1,752,326	2	(323)
65206	Proportionate share of other comprehensive (losses) income from associates or joint ventures under the equity method	(2,420)	-	19,806	-	(112)
65220	Less: Income tax related to items that will not be reclassified to profit or loss	449,017	-	(41,460)	-	1,183
	Subtotal	<u>(1,616,504)</u>	<u>(1)</u>	<u>1,556,855</u>	<u>2</u>	<u>(204)</u>
65300	<b>Items that are or may be reclassified subsequently to profit or loss</b>					
65301	Exchange differences of overseas subsidiaries' financial reports translation	6,098,642	6	(6,957,864)	(7)	188
65308	Unrealized (losses) gains from investments in debt instruments measured at fair value through other comprehensive income	(8,448,201)	(7)	(3,286,223)	(3)	(157)
65306	Proportionate share of other comprehensive losses from associates or joint ventures under the equity method	(532,867)	-	(160,146)	-	(233)
65320	Less: Income tax related to items that are or may be reclassified to profit or loss	(231,290)	-	(1,061,481)	(1)	78
	Subtotal	<u>(2,651,136)</u>	<u>(1)</u>	<u>(9,342,752)</u>	<u>(9)</u>	<u>72</u>
65000	<b>Other comprehensive losses (net amount after tax)</b>	<u>(4,267,640)</u>	<u>(2)</u>	<u>(7,785,897)</u>	<u>(7)</u>	<u>45</u>
66000	<b>Total comprehensive income</b>	<u>\$ 34,211,324</u>	<u>29</u>	<u>21,803,036</u>	<u>21</u>	<u>57</u>
	<b>Net Income attributable to:</b>					
67101	Parent company	\$ 37,141,880	30	29,795,568	28	25
67111	Non-controlling interest	1,337,084	1	(206,635)	-	747
		<u>\$ 38,478,964</u>	<u>31</u>	<u>29,588,933</u>	<u>28</u>	<u>30</u>
	<b>Comprehensive income attributable to:</b>					
67301	Parent company	\$ 32,931,107	27	22,179,018	21	48
67311	Non-controlling interest	1,280,217	2	(375,982)	-	440
		<u>\$ 34,211,324</u>	<u>29</u>	<u>21,803,036</u>	<u>21</u>	<u>57</u>
	<b>Earnings per share (unit: NT dollars) (note 6(ai))</b>	<u>\$ 2.51</u>		<u>2.01</u>		

See accompanying notes to consolidated financial statements.

(English Translation of Consolidated Financial Statements Originally Issued in Chinese)  
**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Consolidated Statements of Changes in Equity**  
**For the years ended December 31, 2022 and 2021**  
**(Expressed in Thousands of New Taiwan Dollars)**

	Stockholders' Equity - Parent Company										Total equity
	Capital stock			Retained earnings			Other equity interest				
	Common stock	Capital surplus	Legal reserve	Special reserve	Undistributed earnings	Exchange differences of overseas subsidiaries' financial reports translation	Unrealized gains (losses) on financial assets measured at fair value through other comprehensive income	Change in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	Stockholders' equity-parent company	Non-controlling interests	
<b>Balance at January 1, 2021</b>	\$ 147,962,186	29,859,205	99,015,191	14,863,982	26,989,858	(10,256,851)	3,938,564	(72,291)	312,292,844	80,170	312,380,014
Net income	-	-	-	-	29,795,868	-	-	-	29,795,868	(206,635)	29,589,233
Other comprehensive (losses) income	-	-	-	-	(240,382)	(5,727,766)	(1,674,642)	26,640	(7,616,550)	(169,347)	(7,785,897)
Total comprehensive income (losses)	-	-	-	-	29,554,386	(5,727,766)	(1,674,642)	26,640	22,179,018	(373,982)	21,805,036
Appropriation and distribution of retained earnings:											
Legal reserve appropriated	-	-	8,096,942	-	(8,096,942)	-	-	-	-	-	-
Special reserve appropriated	-	-	-	2,389,454	(2,389,454)	-	-	-	-	-	-
Cash dividends common share	-	-	-	-	(16,790,748)	-	-	-	(16,790,748)	-	(16,790,748)
Reversal of special reserve	-	-	-	(287,364)	287,364	-	-	-	-	-	-
Changes in equity of associates and joint ventures accounted under equity method	-	-	-	-	-	-	-	-	-	-	-
Changes in non-controlling interests	-	-	-	-	-	-	-	-	(51,034)	-	(51,034)
Changes in ownership interests in subsidiaries	-	-	-	-	-	-	-	-	-	22,430,217	22,430,217
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	(1,478,132)	(586,020)	1,259,800	-	(804,352)	-	(804,352)
Balance at December 31, 2021	147,962,186	29,808,171	107,112,133	16,966,072	29,912,866	(16,570,637)	1,688,088	(45,651)	316,832,728	22,134,405	338,967,133
Net income	-	-	-	-	37,141,880	-	-	-	37,141,880	1,337,084	38,478,964
Other comprehensive income (losses)	-	-	-	-	(853,634)	(1,863,393)	(1,111,453)	1,863,393	(42,072)	(56,867)	(42,640,640)
Total comprehensive income (losses)	-	-	-	-	37,466,413	(4,712,752)	(1,111,453)	1,863,393	32,931,107	1,280,217	34,211,324
Appropriation and distribution of retained earnings:											
Legal reserve appropriated	-	-	8,973,686	-	(8,973,686)	-	-	-	-	-	-
Special reserve appropriated	-	-	-	8,801,441	(8,801,441)	-	-	-	-	-	-
Cash dividends of common share	-	-	-	-	(12,137,190)	-	-	-	(12,137,190)	-	(12,137,190)
Changes in non-controlling interests	-	-	-	-	-	-	-	-	-	(97,538)	(97,538)
Share-based payment transactions	-	64,242	-	-	-	-	-	-	64,242	-	64,242
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	(29,588)	-	29,588	-	-	-	-
<b>Balance at December 31, 2022</b>	\$ 147,962,186	29,872,413	116,085,819	25,767,513	37,436,876	(11,857,885)	(9,393,777)	1,817,742	337,690,887	23,317,084	361,007,971

See accompanying notes to consolidated financial statements.

(English Translation of Consolidated Financial Statements Originally Issued in Chinese)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**

**Consolidated Statements of Cash Flows**

**For the years ended December 31, 2022 and 2021**

**(Expressed in Thousands of New Taiwan Dollars)**

	<u>2022</u>	<u>2021</u>
<b>Cash Flows from Operating Activities:</b>		
Net Income (Losses) Before Tax	\$ 47,437,605	34,972,974
<b>Adjustments:</b>		
Income and expenses items:		
Depreciation expense	5,356,074	5,108,488
Amortization expense	1,696,266	1,547,475
Provision for (reversal of) expected credit loss / bad debt expenses, commitment and guarantee liability provision	8,177,843	7,627,241
Net losses (gains) on financial assets or liabilities measured at fair value through profit or loss	(5,670,429)	16,039,572
Interest expense	30,802,029	13,200,421
Interest income	(105,887,992)	(72,169,160)
Dividend income	(2,020,090)	(1,181,066)
Net change in other provisions	49,701	(182,000)
Share-based payment transactions	64,242	-
Proportionate share of losses (gains) from associates and joint ventures under the equity method	(180,227)	(843,004)
Losses (gains) on disposal and retirement of premises and equipment	27,558	37,011
Losses (gains) on disposal of investment properties	(158,954)	(133,008)
Losses (gains) on disposal and retirement of intangible assets	13,376	4,865
Losses (gains) on disposal of investments under the equity method	-	(13,019)
Provision for (reversal of) impairment losses on financial assets	24,344	(1,494)
Provision for (reversal of) impairment losses on non-financial assets	8,787	(2,203)
Losses (gains) on disposal of foreclosed properties	(23,842)	(111)
Other adjustments	1,022,072	874,408
Subtotal of income and expense items	<u>(66,699,242)</u>	<u>(30,085,584)</u>
<b>Changes in Operating Assets and Liabilities:</b>		
Net Changes in Operating Assets:		
(Increase) decrease in due from Central Bank and call loans to banks	(40,432,636)	(41,206,686)
(Increase) decrease in financial assets measured at fair value through profit or loss	(36,895,951)	8,051,884
(Increase) decrease in financial assets measured at fair value through other comprehensive income	39,740,711	112,580,189
(Increase) decrease in investments in debt instruments at amortized cost	(32,579,237)	(166,604,563)
(Increase) decrease in hedging financial assets	244,478	(246,473)
(Increase) decrease in receivables	322,742	(18,250,750)
(Increase) decrease in loans	(481,477,969)	(133,518,454)
(Increase) decrease in other financial assets	1,800,771	(3,097,114)
(Increase) decrease in other assets	(4,944,600)	2,546,353
Net Changes in Operating Assets	<u>(554,221,691)</u>	<u>(239,745,614)</u>
Net Changes in Operating Liabilities:		
Increase (decrease) in deposits from Central Bank and other banks	42,633,482	(6,311,605)
Increase (decrease) in financial liabilities measured at fair value through profit or loss	26,876,800	(27,674,195)
Increase (decrease) in hedging financial liabilities	501,096	(209,742)
Increase (decrease) in payables	5,854,269	(193,108)
Increase (decrease) in deposits and remittances	503,031,167	201,815,308
Increase (decrease) in other financial liabilities	16,047,872	(14,837,542)
Increase (decrease) in employee benefits reserve	(313,560)	(193,087)
Increase (decrease) in other liabilities	5,348,110	(1,933,547)
Net Changes in Operating Liabilities	<u>599,979,236</u>	<u>150,462,482</u>
Net Changes in Operating Assets and Liabilities	<u>45,757,545</u>	<u>(89,283,132)</u>
Sum of Adjustments	<u>(20,941,697)</u>	<u>(119,368,716)</u>
Cash provided by (used in) Operating Activities	26,495,908	(84,395,742)
Interest received	100,483,774	71,925,354
Dividends received	2,135,304	1,800,669
Interest paid	(22,637,207)	(13,418,978)
Income taxes refund (paid)	(10,303,940)	(3,603,608)
Net Cash Flows Provided by (Used in) Operating Activities	<u>96,173,839</u>	<u>(27,692,305)</u>

(English Translation of Consolidated Financial Statements Originally Issued in Chinese)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**

**Consolidated Statements of Cash Flows**

**For the years ended December 31, 2022 and 2021**

**(Expressed in Thousands of New Taiwan Dollars)**

	<u>2022</u>	<u>2021</u>
<b>Cash Flows from Investing Activities:</b>		
Purchase of investments under equity method	\$ (24,403)	(323,479)
Disposal of investments under equity method	-	496
Purchase of premises and equipment	(1,844,930)	(1,283,783)
Disposal of premises and equipment	4,415	6,121
Purchase of intangible assets	(1,911,117)	(1,233,866)
Disposal of foreclosed properties	93,207	24,728
Net cash inflows from from business combination	-	37,785,995
Disposal of investment properties	453,137	429,620
<b>Net Cash Flows (Used in) Provided by Investing Activities</b>	<u>(3,229,691)</u>	<u>35,405,832</u>
<b>Cash Flows from Financing Activities:</b>		
Increase in due to Central Bank and other banks	1,344,006	4,008,818
Increase in commercial papers payable	-	86,978
Decrease in commercial papers payable	(3,807,446)	-
Issuance of financial debentures	-	1,249,000
Repayment of financial debentures	(4,111,000)	(4,000,000)
Increase in securities sold under repurchase agreements	40,914,305	12,558,295
Increase in financial liabilities designated at fair value through profit or loss	2,351,680	4,286,347
Decrease in financial liabilities designated at fair value through profit or loss	-	(7,599,570)
Payment of lease liabilities	(2,638,456)	(3,405,198)
Cash dividends paid	(12,234,728)	(16,790,748)
Acquisition of ownership interests in subsidiaries	-	(3,586,280)
Interest paid	(3,201,870)	(1,994,327)
<b>Net Cash Flows Provided by (Used in) Financing Activities</b>	<u>18,616,491</u>	<u>(15,186,685)</u>
<b>Effect of Exchange Rate Changes on Cash and Cash Equivalents</b>	3,053,858	(7,004,706)
<b>Increase (decrease) in Cash and Cash Equivalents</b>	114,614,497	(14,477,864)
<b>Cash and Cash Equivalents at the Beginning of Period</b>	<u>354,723,700</u>	<u>369,201,564</u>
<b>Cash and Cash Equivalents at the End of Period</b>	<u>\$ 469,338,197</u>	<u>354,723,700</u>
<b>Composition of Cash and Cash Equivalents:</b>		
Cash and cash equivalents recognized in balance sheet	\$ 83,113,633	62,158,243
Due from Central Bank and call loans to bank which meet IAS 7 definition of cash and cash equivalents	376,083,379	278,963,333
Securities purchased under resell agreements which meet IAS 7 definition of cash and cash equivalents	10,141,185	13,602,124
<b>Cash and Cash Equivalents at the End of Period</b>	<u>\$ 469,338,197</u>	<u>354,723,700</u>

See accompanying notes to consolidated financial statements.

**(English Translation of Consolidated Financial Statements Originally Issued in Chinese)**  
**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**  
**For the years ended December 31, 2022 and 2021**  
**(Expressed in Thousands of New Taiwan Dollars, Unless Otherwise Specified)**

**(1) Company history:**

CTBC Bank Co., Ltd. (the “Bank”) was originally incorporated in March 1966 as “China Securities Investment Corporation.” In December 1970, the Bank changed its organization and was renamed China Trust Co., Ltd. Twenty-one years later, on July 2, 1992, it was approved to conduct commercial banking business and changed its name to CTBC Bank Co., Ltd.

In order to restructure overall resources, lower costs, expand the business scope, enhance competitiveness, and improve the quality of financial services and operating efficiency, on September 30, 2003, the Bank’s Board of Directors resolved to acquire Grand Commercial Bank, a wholly owned subsidiary of CTBC Financial Holding Co., Ltd., and to merge with it, with the Bank as the surviving entity. The acquisition date of record was December 1, 2003.

On August 1, 1991, Grand Commercial Bank was approved to conduct commercial banking business, and it began operations on December 30, 1991. As of November 30, 2003, Grand Commercial Bank had a business department, a trust department, a domestic banking unit, an offshore banking unit, and 42 domestic branches.

In order to develop the business units, enhance competitiveness, and provide customers with more convenient and varied financial services, the Bank assumed the outstanding assets, liabilities and operations of Fengshan Credit Cooperative (“FSCC”) and Enterprise Bank of Hualien (“EBH”) on October 1, 2004, and September 8, 2007, respectively.

In order to enhance the effectiveness of the overall operation of CTBC Financial Holding Company and to reduce operational risk and cost, the Bank merged with Chinatrust Bills Finance Corp., a wholly owned subsidiary of CTBC Financial Holding Co., Ltd., by issuing common shares in a 0.77-for-1 exchange for the shares of Chinatrust Bills Finance Corp. on April 26, 2008. The Bank is the surviving entity from this merger.

In order to restructure overall resources and fulfill operating efficiency, the Bank merged with CTBC Insurance Brokers Co., Ltd., a wholly owned subsidiary of CTBC Financial Holding Co., Ltd. by issuing common shares in a 10.47-for-1 exchange for the shares of CTBC Insurance Brokers Co., Ltd. on November 30, 2015. The Bank is the surviving entity from this merger.

The Bank has been approved to conduct business in the following areas:

- (a) Checking accounts, savings accounts, and time deposits;
- (b) Short, medium, and long-term loans;
- (c) Note discounting;
- (d) Investment in marketable securities;
- (e) Domestic foreign exchange business;
- (f) Banker’s acceptances;

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- (g) Issuance of domestic standby letters of credit;
- (h) Domestic endorsement guarantees business;
- (i) Collection and payment agency;
- (j) Agency for government bonds, treasury bills, corporate bonds, and securities transactions;
- (k) Agency transactions and proprietary trading of short-term bills;
- (l) Credit card-related products;
- (m) Agency for sale of gold nuggets, gold coins, and silver coins;
- (n) Financial derivative businesses as approved by the Financial Supervisory Commission;
- (o) Custody and warehouse services;
- (p) Renting of safe-deposit boxes;
- (q) Financial advisory services on corporate banking;
- (r) Foreign exchange business in connection with exports and imports, fund remittance and repatriation, foreign currency deposits and loans; guarantee for secured repayment, and attestation on exports and imports;
- (s) Non-discretionary trust funds for investment in foreign and domestic marketable securities;
- (t) Account receivable factoring business as approved by the Financial Supervisory Commission;
- (u) Endorsement and issuance of corporate bonds;
- (v) Issuance of financial debentures;
- (w) Underwriting, agency transactions, and proprietary trading of marketable securities;
- (x) Proprietary trading of government bonds;
- (y) All businesses related thereto as specified in the license or other agency services as approved by the Financial Supervisory Commission;
- (z) Trust and fiduciary services;
- (aa) Margins on foreign currency transactions;
- (ab) Issuance of cash value cards;
- (ac) Public welfare lottery sales;

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ad) Futures proprietary trading business; and

(ae) Other businesses as approved by the Financial Supervisory Commission.

The Bank's headquarters coordinate corporate-wide operations and establishes domestic and overseas banking units to expand business. As of December 31, 2022, the Bank had 152 domestic branches, 14 foreign branches and 7 overseas representative offices, whereas its subsidiaries had 197 overseas offices.

The Bank's parent company and ultimate parent company is CTBC Financial Holding Co., Ltd.

**(2) Approval date and procedures of the consolidated financial statements:**

The consolidated financial statements were approved by the Board of Directors on March 15, 2023.

**(3) New standards, amendments and interpretations adopted:**

(a) The impact of the International Financial Reporting Standards ("IFRSs") endorsed by the Financial Supervisory Commission, R.O.C. which have already been adopted.

The Bank and subsidiaries has initially adopted the new amendments, which do not have a significant impact on its consolidated financial statements, from January 1, 2022:

- Amendments to IAS 16 "Property, Plant and Equipment – Proceeds before Intended Use"
- Amendments to IAS 37 "Onerous Contracts – Cost of Fulfilling a Contract"
- Annual Improvements to IFRS Standards 2018–2020
- Amendments to IFRS 3 "Reference to the Conceptual Framework"

(b) The impact of IFRS issued by the FSC but not yet effective

The Bank and subsidiaries assess that the adoption of the following new amendments, effective for annual period beginning on January 1, 2023, would not have a significant impact on its consolidated financial statements:

- Amendments to IAS 1 "Disclosure of Accounting Policies"
- Amendments to IAS 8 "Definition of Accounting Estimates"
- Amendments to IAS 12 "Deferred Tax related to Assets and Liabilities arising from a Single Transaction"

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- (c) The impact of IFRS issued by IASB but not yet endorsed by the FSC

The following new and amended standards, which may be relevant to the Bank and subsidiaries, have been issued by the International Accounting Standards Board (IASB), but have yet to be endorsed by the FSC:

<u>Standards or Interpretations</u>	<u>Content of amendment</u>	<u>Effective date per IASB</u>
Amendments to IFRS 10 and IAS 28 “Sale or Contribution of Assets Between an Investor and Its Associate or Joint Venture”	A full gain or loss is recognized in accounting when sale or contribution of assets between an investor and its associate or joint venture occurred, if it’s considered as the loss of control of a subsidiary that constitutes a business. A deferred unrealized gain or loss computed by shareholding ratio is recognized when the transaction that involves assets does not constitute a business.	Effective date to be determined by IASB
IFRS 16 “Requirements for Sale and Leaseback Transactions”	<p>The amendments to IFRS 16 Leases introduce a new accounting model that will impact how a seller-lessee accounts for variable lease payments in a sale-and-leaseback transaction.</p> <p>Under this new accounting model for variable payments, a seller-lessee will:</p> <ul style="list-style-type: none"> <li>● include estimated variable lease payments when it initially measures a lease liability arising from a sale-and-leaseback transaction; and</li> <li>● after initial recognition, apply the general requirements for subsequent accounting of the lease liability such that it recognizes no gain or loss relating to the right of use it retains.</li> </ul>	January 1, 2024

The impact of applying new standards on the financial position and financial performance of the Bank and subsidiaries is under evaluation. Once the evaluation is completed, the Bank and subsidiaries will disclose the effect on the consolidated financial reports.

The Bank and subsidiaries do not expect the following other new and amended standards, which have yet to be endorsed by the FSC, to have a significant impact on its consolidated financial statements:

- IFRS 17 “ Insurance Contracts” and amendments to IFRS 17 “ Insurance Contracts”
- Amendments to IAS 1 “Classification of Liabilities as Current or Non-current”
- Amendments to IAS 1 “Non-current Liabilities with Covenants”

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**(4) Summary of significant accounting policies:**

(a) Assertion of compliance

The consolidated financial reports were prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, the Regulations Governing the Preparation of Financial Reports by Securities Firms, the Regulations Governing the Preparation of Financial Reports by Futures Commission Merchants, IFRSs, IAS, interpretations and pronouncements as accepted by the FSC (“IFRSs as accepted by the FSC”).

(b) Basis of compilation

The consolidated financial reports have been prepared on a historical cost basis except for the following material items in the balance sheet:

- (i) Financial instruments measured at fair value through profit or loss (including derivative financial instruments);
- (ii) Financial instruments measured at fair value through other comprehensive income;
- (iii) Hedging derivative financial instruments measured at fair value;
- (iv) Cash-settled share-based payment agreements liability measured at fair value; and
- (v) Defined benefit assets, which are recognized as the net amount of pension plan assets plus unrecognized prior service cost and unrecognized actuarial losses, minus unrecognized actuarial gains and present value of defined benefits obligation.

(c) Basis of consolidation

(i) Basis of compilation for consolidated financial reports

The consolidated financial reports encompass the Bank itself and controlled entities. All significant of the Bank and subsidiaries intra-group transactions are written-off.

- (ii) The control of a special purpose entity (“SPE”) by the Bank and subsidiaries may be indicated if the following criteria are met simultaneously.
  - 1) The entity has powers to obtain the majority of the benefits of the SPE’s activities through voting rights or other rights;
  - 2) By having a right to the majority of the SPE’s benefits, the entity is exposed to the SPE’s business risks;
  - 3) The entity is capable of using its leverage over the SPE to influence the benefits of the SPE.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(iii) Subsidiaries and special purpose entities included in the consolidated financial reports:

Name of Investor Company	Name of Subsidiary	Primary Business	Percentage of Ownership		Description
			December 31, 2022	December 31, 2021	
CTBC Bank Co., Ltd.	CTBC Bank (Philippines) Corp.	Commercial banking and financing business	99.72 %	99.72 %	
CTBC Bank Co., Ltd.	PT Bank CTBC Indonesia	Commercial banking and financing business	99.00 %	99.00 %	
CTBC Bank Co., Ltd.	CTBC Bank Corp. (Canada)	Commercial banking and financing business	100.00 %	100.00 %	
CTBC Bank Co., Ltd.	The Tokyo Star Bank, Ltd.	Commercial banking and financing business	100.00 %	100.00 %	
CTBC Bank Co., Ltd.	CTBC Capital Corp.	Investment business	100.00 %	100.00 %	
CTBC Bank Co., Ltd.	LH Financial Group Public Company Limited	Investment business	46.61 %	46.61 %	(Note 2)
CTBC Capital Corp.	CTBC Bank Corp. (USA)	Commercial banking and financing business	100.00 %	100.00 %	
The Tokyo Star Bank, Ltd.	Tokyo Star Business Finance, Ltd.	Financing and assurance business	100.00 %	100.00 %	
The Tokyo Star Bank, Ltd.	TSB Servicer, Ltd.	Debt management business	-	-	(Note 1)
LH Financial Group Public Company Limited	Land and Houses Fund Management Company Limited	Fund management business	99.99 %	99.99 %	(Note 2)
LH Financial Group Public Company Limited	Land and Houses Bank Public Company Limited	Commercial banking and financing business	99.99 %	99.99 %	(Note 2)
LH Financial Group Public Company Limited	Land and Houses Securities Public Company Limited	Securities business	99.90 %	99.90 %	(Note 2)
Land and Houses Securities Public Company Limited	Land and Houses Advisory Company Limited	Securities investment consultant business	99.99 %	99.99 %	(Note 2 and Note3)

Note 1: The company had been liquidated on March 16, 2021.

Note 2: On October 25, 2021, the Bank acquired control of LH Financial Group Public Company Limited whose financial report has since been included in the consolidated financial reports.

Note 3: The company had not been actively engaged in its main business in temporary since July 1, 2012.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(d) Foreign currency

- (i) A foreign currency transaction, which is denominated or requires settlement in a foreign currency, shall be recorded on initial recognition in the functional currency by applying the foreign currency spot exchange rate between the functional currency and the foreign currency at the date of the transaction.
- (ii) At each balance sheet date, foreign currency monetary items shall be translated using the closing rate. Non-monetary items that are measured in terms of historical cost in a foreign currency shall be translated using the exchange rate at the date of the transaction; and non-monetary items that are measured at fair value in a foreign currency shall be translated using the exchange rates at the date when the fair value was determined.
- (iii) Foreign currency differences arising on the settlement of a foreign currency transaction are recognized in current profit or loss. Foreign currency differences arising on the retranslation of monetary items, except for differences arising on the retranslation of monetary items designated as hedging instruments in a hedge of the net investments in foreign operations or in a qualifying cash flow hedge are recognized directly in other comprehensive income, are recognized in profit or loss when it incurred.
- (iv) When a gain or loss on a non-monetary item is recognized in other comprehensive income, any exchange difference of that gain or loss shall be recognized in other comprehensive income. Otherwise, when a gain or loss on a non-monetary item is recognized in profit or loss, any exchange difference of that gain or loss shall be recognized in profit or loss.
- (v) Functional currency and presentation currency

The functional currency of the Bank and subsidiaries is the currency of the primary economic environment in which they operate. The consolidated financial reports are presented in New Taiwan Dollars, the functional currency of the Bank.

(e) Cash and cash equivalents

The statements of cash flows are compiled based upon cash and cash equivalents. Cash comprises cash on hand, savings accounts, checking accounts, and unrestricted time deposits or negotiable certificates of deposit which may be terminated anytime without impairing the principal. Cash equivalents consist of short-term and highly liquid investments that are readily convertible to known amounts of cash and will mature within a short period so that interest rate fluctuations have little effect on their values. Cash equivalents include short-term bills with maturities within three months from the investment date.

Cash and cash equivalents comprise time deposits that are used by the Bank and subsidiaries in the management of its short-term cash commitments and are not for investment or other purposes. Additionally, the aforementioned deposits are readily convertible to fixed amount of cash and are subject to an insignificant risk of changes in their fair value.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(f) Financial instruments

Financial assets held by the Bank and subsidiaries are recorded on the trading date, the fair value is recorded at the time of initial recognition. Except for financial instruments classified as fair value through profit or loss (FVTPL), other financial instruments are initially recognized at acquiring or issuing cost plus transaction costs. However, if the handling fee arising from the sale and purchase does not reach the principle of materiality, it will be charged to current expenses. Upon disposition, the cost of sale of equity securities is determined by the moving-average method, and the cost of sale of debt securities is determined by the first-in, first-out (FIFO) method.

(i) Financial assets

Financial assets are classified into the following categories: fair value through profit or loss (FVTPL), fair value through other comprehensive income (FVOCI) and measured at amortized cost.

1) Financial assets measured at fair value through profit or loss

Financial assets measured at fair value through profit or loss, if one of the following conditions is met:

a) Financial assets held for trading

- i) Its main purpose is to sell or repurchase in the near future.
- ii) When it was originally recognized, it was part of the identifiable financial commodity investment of a group of merged management with evidence showing the mode of operation in which this combination is actually a short-term profit in the near term.

b) Financial assets that are not measured at amortized cost or fair value through other comprehensive income.

c) In addition to being designated as a hedged item by hedge accounting, financial assets designated as at fair value through profit or loss at initial recognition.

d) Derivative financial instrument

At each balance sheet date, the fair value is remeasured, and the resulting gain or loss from such remeasurement is recognized in current profit or loss.

2) Financial assets measured at fair value through other comprehensive income

a) Financial assets measured at fair value through other comprehensive income, if both of the following conditions are met and financial assets were not designated as financial assets measured at fair value through profit or loss:

- i) The financial assets are held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets.

(Continued)

## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

ii) The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

1. Principal is the fair value of the financial asset at initial recognition. Interest consists of consideration for the time value of money, for the credit risk associated with the principal amount outstanding during a particular period of time and for other basic lending risks and costs, as well as a profit margin.

2. However, in some cases, the time value of money element may be modified (i.e., imperfect). In such cases, the Bank and subsidiaries must assess the modification to determine whether the contractual cash flows represent solely payments of principal and interest on the principal amount outstanding.

The fair value of debt instruments measured at fair value through other comprehensive income shall be remeasured at each balance sheet date. The resulting gain or loss from such remeasurement is recognized directly in other comprehensive income. Interest on a debt instrument shall be recorded under the accrual basis, with the relevant premium/discount amortized by using the effective-interest-rate method. Credit losses on the financial instrument shall be recognized as well. If, in a subsequent period, the impairment loss decreases, and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss. The balance of impaired adjustment amount in other comprehensive income after the reversal shall not be negative. A gain or loss on financial assets is recognized directly in other comprehensive income, except for foreign exchange gains or losses arising from monetary financial assets, until the financial assets are derecognized, at which time the cumulative gain or loss previously recognized in other comprehensive income is charged to profit or loss.

b) At initial recognition, an irrevocable election is made to present changes in the fair value of an equity instrument that is not held for trading in other comprehensive income. When the equity instrument is derecognized, the amounts presented in other comprehensive income shall not be subsequently transferred to profit or loss. However, the cumulative gain or loss may be transferred within equity or into retained earnings directly. Dividends are recognized in profit or loss unless the dividend represents the recovery of part of the investment costs clearly.

3) Financial assets at amortized cost

Financial assets measured at amortized cost include cash and cash equivalents, debt instruments measured at amortized cost, securities under repurchase/resell agreements, loans and receivables, deposits pledged and other financial assets that are not measured at fair value, etc.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Financial assets measured at amortized cost are initially recognized at whose fair value plus transaction costs. After initial recognition, the amortized cost minus impairment loss are determined by using the effective-interest-rate method. The interest income and impairment loss are recognized in profit or loss. Until the financial assets are derecognized, at which time the cumulative gain or loss is charged to profit or loss.

a) Debt instruments at amortized cost

The debt instrument investments held by the Bank and subsidiaries shall be measured at amortized cost if both of the following conditions are met:

- i) The financial assets are held within a business model whose objective is achieved by collecting contractual cash flows; and
- ii) The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

The Bank and subsidiaries, whose business model is to hold assets in order to collect contractual cash flows, may sell financial assets when there is an increase in the assets' credit risk. Sales made for other reasons may be consistent with a business model whose objective is to hold financial assets in order to collect contractual cash flows if those sales are infrequent (even if significant in value) or insignificant in value both individually and in aggregate (even if frequent). For debt instruments measured at amortized cost, the effective-interest-rate method shall be used to calculate amortized cost and interest revenue. Credit-impaired loss shall be recognized for assets measured at amortized cost. If, in a subsequent period, the impairment loss decreases, and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss. The carrying amount after the reversal shall not exceed the recoverable amount.

b) Securities under repurchase/resell agreements

Securities sold/purchased with a commitment to repurchase/resell at predetermined price are treated as financing transactions. The difference between the cost and the repurchase/resell price is treated as interest expenses/revenue and recognized over the term of the agreement. On the selling/purchasing date, these agreements are recognized as securities sold under repurchase agreements or securities purchased under resell agreements.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

c) Loans and receivables

At initial recognition, loans and receivables include incremental direct transaction costs, and the subsequent measurement recognizes interest revenues through the effective interest method on accrual basis, under which the loans and receivables are carried at amortized cost less impairment losses. Loans are reclassified as a non-accrual account if either of the following conditions is met, and interest collected while accruing of interest has been suspended is included in earnings only to the extent of cash actually received.

- Collection of payment of principal or interest accrued is considered highly unlikely; or
- Payment of principal or interest accrued is over 3 or 6 months past due; or
- Payment of principal, interest accrued and other suspense account of credit card is over 90 days past due.

Loans and receivables are assessed on each reporting day and the credit risk of loans and receivables have been significantly increased since the initial recognition. Comparing the risk of breach of contract on the reporting date and the original date of recognition, and considering the credit risk from the original recognition, the significant increase of reasonable and verifiable information as a basis for the estimation of default risk and expected loss rate. In accordance with the expected credit losses and with reference to the “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Nonperforming/Non-accrual Loans” and relevant regulations issued by the FSC. The provision will be determined based on the higher of the amount calculated in accordance with regulatory requirements.

Nonaccrual accounts deemed uncollectible are written off upon approval of the Board of Directors. The recovery of written-off loans and accounts receivable is accounted for under the reversal of the allowance for credit losses.

Off-balance-sheet loan commitments and financial guarantee contracts should be evaluated for the possibility of bad debts and the provisions of guarantee or financial commitments should be recognized.

4) Financial asset impairment

The Bank and subsidiaries should consider the past events, the current situation and the forecast of future economic conditions, to identify whether the credit risk of financial instruments has significantly increased since the initial recognition; After the credit risk has increased significantly, these financial instruments should be recognized lifetime expected credit loss; If there is no significant increase in credit risk after recognition, the impairment loss should be measured against the 12-month expected credit loss. For the judgment and forward-looking adjustment method after the recognition of whether the credit risk has increased significantly, please refer to Note 6(aq).

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

5) Derecognition of financial assets

The Bank and subsidiaries shall derecognize a financial asset when the contractual rights to the cash flows from the financial asset expire or when the Bank and subsidiaries transfer substantially all the risks and rewards of ownership of the financial assets.

Securities lending agreement or repurchase transactions, where bonds or stocks are taken as collateral, shall not be derecognized, because the Bank and subsidiaries have retained substantially all the risks and rewards of ownership. The transaction of asset-backed securitization applies to such situation when the Bank and subsidiaries still retain partial risks.

6) Reclassification of financial assets

The Bank and subsidiaries reclassify all affected financial assets in accordance with regulations only when changing the business model of managing financial assets.

(ii) Financial liabilities

Financial liabilities held by the Bank and subsidiaries include financial liabilities measured at fair value through profit or loss (including the instruments designated as at fair value through profit or loss), financial liabilities measured at amortized cost and hedge derivatives.

1) Financial liabilities measured at fair value through profit or loss

Financial liabilities measured at fair value through profit or loss, if one of the following conditions is met:

- a) A financial liability is held for trading if it is acquired or incurred principally for the purpose of selling or repurchasing it in the near term; on initial recognition it is part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit-taking. A derivative, except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument, is classified as a instrument held for trading as well. Financial liabilities held for trading include obligations to deliver financial assets borrowed by a short seller.
- b) A financial liability designated as measured at fair value through profit or loss on initial recognition, except that designated as a hedged item in accordance with the hedge accounting.

Financial liabilities falling under this category are measured at fair value in the balance sheet at the balance sheet date. Moreover, the changes in fair value are recognized as current profit or loss. While for financial liabilities designated at fair value through profit or loss, its fair value changed in the liability's credit risk should be recognized under other comprehensive income, except for avoiding accounting mismatch or in the circumstances of loan commitments and financial guarantee contract to provide a loan that should be accounted as current profit or loss.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Under certain circumstances, the Bank and subsidiaries may not recognize profit or loss of a financial asset or a financial liability at initial recognition, if a fair value is not derived from a quoted market price in an active market and is based on the evaluation method with data retrieved from unobservable market. In the above scenario, the recognition of the difference between fair value at initial recognition and transaction price is deferred. After initial recognition, the entity shall recognize the aforesaid deferred difference as a gain or a loss only to the extent that it arises from a change in a factor that market participants would take into account when pricing the asset or liability.

2) Financial liabilities measured at amortized cost

Financial liabilities are classified at financial liabilities measured at amortized cost, except for financial liabilities measured at fair value through profit or loss, hedged derivatives financial liabilities, financial bonds payable, financial guarantee contracts, commitments to provide a loan at a below-market interest rate and financial liabilities that arise when a transfer of a financial asset does not qualify for derecognition or when the continuing involvement approach applies.

3) Derecognition of a financial liability

The Bank and subsidiaries shall remove a financial liability from its statement of financial position when, and only when, it is extinguished.

4) Offsetting financial assets and financial liabilities

Financial assets and financial liabilities will be offset and recognized in the net amount on the balance sheet only when the Bank and subsidiaries have statutory rights to offset and intend to net settle or realize assets and to pay off liabilities at the same time.

5) The Bank and subsidiaries shall not reclassify any financial liability.

(iii) Derivatives and hedging accounting

Derivative instruments are initially recognized at fair value on contract date and subsequently measured at fair value. Fair value includes quoted price in an active market, occurring market transaction prices or model valuation technique. All derivatives instruments are recognized as assets with positive fair value and as liabilities with negative fair value.

The Bank and subsidiaries should account for financial liabilities embedded in derivatives if the economic characteristics and risks of the embedded derivatives are closely related to the economic characteristics of the host contract. If not, the host contract is not a financial liability that is measured at fair value through profit or loss. Unless choosing to designate an overall hybrid contract to measure financial liabilities at fair value through profit or loss, the Bank and subsidiaries should recognize the host contract and embedded derivatives separately. In addition, the embedded derivative is recognized as a financial liability as measured at fair value through profit or loss.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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When a fair value hedge, cash flow hedge, and hedge of a net investment in a foreign operation are in conformity with all the conditions for applying hedge accounting, the affected profit or loss is recognized by offsetting the changes in the fair value of hedging instruments and hedged items. The related accounting treatments are as follows:

- 1) Fair value hedge: Changes in the fair value of derivatives that are designated and qualified as fair value hedging instruments against the exposure to changes in fair value of a recognized asset or liability or an unrecognized firm commitment are recognized through profit or loss in the current period.
  - 2) Cash flow hedge: Where a derivative financial instrument is designated as a hedge of the variability in cash flow of a recognized asset or liability or a highly probable forecast transaction, the effective portion of any gain or loss on remeasurement of the derivative financial instrument to fair value is recognized directly under other comprehensive income. When the hedged transaction actually affects the profit or loss, the gain or loss previously recognized under other comprehensive income shall be recognized through current profit or loss. Any gain or loss from the change in fair value relating to an ineffective portion of the hedge transaction is recognized immediately through profit or loss in the current period.
  - 3) Hedge of a net investment in a foreign operation: The effective portion of any gain or loss on a hedging instrument relating to a hedge against foreign currency fluctuation in a foreign operation is recognized directly in other comprehensive income until the disposal of the foreign operation, at the time which the cumulative gain or loss recognized directly under other comprehensive income is recognized in profit or loss in the current period.
- (iv) Financial guarantee contracts

The Bank and subsidiaries recognize financial guarantee liabilities initially at their fair value at the date of providing guarantee. The Bank and subsidiaries receive commission income with non-arm's-length transaction at contract date; this is, the income could represent the fair value of financial guarantee contract. The advanced service fee is recognized as a deferred item and amortized by straight-line method over the life of the financial guarantee.

Financial guarantee contracts shall be subsequently measured by the Bank and subsidiaries at the higher of:

- 1) The amount determined in accordance with "Provisions"; and
- 2) The amount initially recognized less, when appropriate, cumulative amortization recognized from deferred revenues.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(g) Investment properties

Investment properties could be recognized by the Bank and subsidiaries only to earn rentals or for capital appreciation or both.

Some properties comprise a portion that is held to earn rentals or for capital appreciation and another portion that is held for use by the Bank and subsidiaries. If these portions could be sold separately, the Bank and subsidiaries account for the portions separately. The portion that is held for use is treated following “Premises and equipment”, and another portion that is held to earn rentals or for capital appreciation or both is regarded as investment property. If the portions could not be sold separately, and if an insignificant portion is held for use, then the whole property is regarded as investment property.

Investment property shall be recognized as an asset when, and only when it is probable that the future economic benefits that are associated with the investment property will flow to the Bank and subsidiaries, and the cost of the investment property can be measured reliably. Subsequent expenditure is capitalized as cost only when it is probable that the future economic benefits that are associated with the investment property will flow to the Bank and subsidiaries, and the cost of the investment property can be measured reliably. Regular repair costs are recognized as expenses in the period they are incurred.

If the recognition criteria are met, the Bank and subsidiaries recognize the cost of replacement in the carrying amount of the replaced investment property at the time the cost is incurred. The carrying amount of the part that is replaced is derecognized.

After initial recognition, real estate property is subsequently measured by cost model, and amortized by the depreciable amount. Its depreciation method, useful life and residual value can be referred to the regulation of premises and equipment.

When the use of a property changes such that it is reclassified as premises and equipment, the book value at the date of reclassification becomes its cost for subsequent accounting.

(h) Non-financial asset impairment

At each balance sheet date, the recoverable amount of an asset is estimated and compared with the carrying amount whenever there is an indication that the non-financial asset may be impaired. An impairment loss is recognized when the recoverable amount, higher of fair market value or value in use, is less than the carrying amount. For assets other than goodwill, a reversal of impairment loss is recognized when the recoverable amount of the asset has increased from its prior-period estimation. The carrying amount after the reversal shall not exceed the recoverable amount or the depreciated or amortized balance of the assets assuming no impairment loss was recognized in prior periods.

(i) Assets held for sale

For an asset or a disposal group to be classified as held for sale, it needs to be disposed through sale rather than through continuing use to recover its carrying amount. Assets or disposal groups that meet the criteria to be classified as such must be subject only to terms that are usual and customary and be available for immediate sale, which is highly probable, within one year of such classification. After being classified as held for sale, it is measured at the lower of carrying amount and fair value less costs to sell.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Amortization or depreciation on intangible assets, premises and equipment ceases once they are classified as held for sale.

(j) Investments in associates

Investments in associates in which the Bank or its subsidiaries are able to exercise significant influence and subsidiaries the Bank has control over are accounted for under the equity method and initially recognized at cost. Goodwill, deducting accumulated impairment loss, related to an associate is included in the carrying amount of the investment. The equity method discontinues to be used from the date when it ceases to have significant influence, and the book value is taken as the new cost of the investment.

The Bank or its subsidiaries have significant influence if holding, directly or indirectly 20% or more of the voting right of the investee. However, an exception will apply if the Bank or its subsidiaries can specify that it has no significant influence over an investee.

After the date of acquisition the Bank or its subsidiaries' share of the profit or loss of the associates is recognized in profit or loss. Distributions received from an associate reduce the carrying amount of the investment. Adjustments to the carrying amount of the investment may also be necessary for changes in the Bank or its subsidiaries' proportionate interest in the associates arising from changes in the associates' other comprehensive income. If the Bank or its subsidiaries' share of losses of an associate equals or exceeds their interest in the associate (including non-guarantee long-term receivables), the Bank or its subsidiaries discontinues recognizing its share of further losses. Additional losses are provided for, and a liability is recognized, only to the extent that the Bank or its subsidiaries has incurred legal or constructive obligations or made payments on behalf of the associate.

Changes in ownership interest in a subsidiary that do not result in a loss of control are accounted for as equity transactions. In such circumstances the carrying amounts of the parent's ownership interest and non-controlling interests shall be adjusted to reflect the changes in their relative interests in the subsidiary. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received shall be recognized directly in equity.

(k) Interest in joint ventures

The joint agreements include joint operations and joint ventures, and have the following characteristics:

- (i) The parties are bound by a contractual arrangement;
- (ii) The contractual arrangement gives two or more of those parties joint control of the arrangement.

The Bank or its subsidiaries distinguish between joint operations and joint ventures by considering the structure and legal form of the arrangement, the contractual terms agreed to by the parties to the arrangement and, when relevant, other facts and circumstances. In joint operations, the Bank or its subsidiaries account for its share of the joint assets, liabilities, revenues and expenses in accordance with the contractual arrangement. In joint ventures, the Bank or its subsidiaries account for its investment using the equity method.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(l) Cash surrender value of life insurance

The Bank's U.S. subsidiary purchased single-premium life insurance under which the executive officers and directors are the insured, while the subsidiary is the owner and beneficiary thereof. The cash surrender value indicates the amount that would be received if the life insurance is terminated prior to the maturity date, and is accounted for under "other assets."

(m) Premises and equipment

The Bank and subsidiaries' premises and equipment are recognized after deducting any accumulated depreciation and accumulated impairment losses from historical cost. The historical cost includes any costs directly attributable to acquiring the assets.

Subsequent expenditure of premises and equipment shall be recognized as an asset or be included in the carrying amount of assets, when, and only when it is probable that the future economic benefits that are associated with premises and equipment will flow to the Bank or its subsidiaries, and the cost of premises and equipment can be measured reliably. The carrying amount of those parts that are replaced is derecognized. A major improvement or repair expense that can extend the benefits over afterward period is regarded as capital expenditure; while frequent maintenance or repairs are charged to current expenses.

If the Bank and subsidiaries have obligations to dismantle, remove and restore the premises and equipment, the obligation for which the Bank and subsidiaries incur either when the item is acquired or as a consequence of having used the item during a particular period shall be recognized as the cost of the premises and equipment as well as a liability.

Depreciation is computed using the straight-line method; the useful lives are calculated based on the normal economic lives. Each part of an item of premises and equipment with a cost that is significant in relation to the total cost of the item shall be depreciated separately. The residual value and the useful life of an asset shall be reviewed or adequately adjusted at each financial year-end. Useful lives of major premises and equipment are as follows:

Buildings and premises	2~56 years
Transportation equipment	4~6 years
Miscellaneous equipment	2~20 years

The gain or loss arising from the disposition of an item of premises and equipment shall be recognized in current profit or loss and determined as the difference between the disposal proceeds and the carrying amount of the item.

A property is reclassified to investment property at its carrying amount when the use of the property changes from owner-occupied to investment property.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(n) Intangible assets

(i) Computer software

Computer software system expenses, which are recorded on the basis of the actual cost of acquisition, are amortized using a straight-line method over a period of 3 to 15 years. Its amortization method, useful life and residual value are referred to the regulation of properties and equipment. The Bank and subsidiaries use cost model to proceed subsequently measurement.

(ii) Goodwill

The Bank and subsidiaries account a business combination by applying the acquisition method. The consideration transferred in a business combination shall be measured at fair value, which shall be calculated as the sum of the acquisition-date fair values of the assets transferred by the acquirer, the liabilities assumed by the acquirer and the equity interests issued by the acquirer. In addition, other expense directly contributed to the acquisition is included. The acquirer shall measure the identifiable assets acquired from business combination and the liabilities or contingent liabilities assumed at their acquisition-date fair values without considering non-controlling interest. The acquirer shall recognize goodwill as of the acquisition date measured as the excess of the consideration transferred over the fair value of net identifiable assets held according to holding proportion. Adversely, the difference may result in directly recognizing a gain on a purchase.

Goodwill relating to cash-generating units is tested for impairment periodically each year. An impairment loss is recognized when the recoverable amount is less than the carrying amount. Impairment losses cannot be reversed once an impairment loss has been recognized.

(o) Leases

(i) Identifying a lease

At inception of a contract, the Bank and subsidiaries assess whether a contract is, or contains, a lease. A contract is, or contains, a lease, if the contract conveys the right to control the use of an identified asset for a period of time.

(ii) As a lessor

The leases are classified as finance leases, if the Bank and subsidiaries transfer substantially the entire risks and rewards incidental to the ownership of the assets. Otherwise, the leases are classified as operating leases.

1) Operating lease: Lease payments or receivables under an operating lease shall be recognized in current profit or loss using a straight-line method over the lease term.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- 2) Finance lease: As lessors, the Bank and subsidiaries shall derecognize assets held under a finance lease at contract date and recognize them as lease payment receivable at an amount equal to the present value of lease payments. The difference between gross amount and present value of lease payment receivables is recognized as unrealized interest income and transferred to interest income of current period on an accrual basis. Lease revenue is calculated based on the interest rate implicit in the lease on the remaining balance of lease payment receivables and recognized in current profit or loss over the lease term.

(iii) As a lessee

The Bank and subsidiaries recognize a right-of-use asset and a lease liability at the lease commencement date. The initial amount of the right-of-use asset comprises the initial amount of the lease liability, adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred, and an estimate of costs to restore the underlying asset, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the underlying asset or the end of the lease term. Refer to “Premises and equipment” for the review of useful life and the impairment assessment policy.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease, or the Bank and subsidiaries’ incremental borrowing rate. Lease payments included in the measurement of the lease liability comprise the following:

- 1) Fixed payments, including payments that may, in form, contain variability but that, in substance, are unavoidable.
- 2) Variable lease payments that depend on an index or a rate, initially measured using the index or rate as at the commencement date;
- 3) Amounts expected to be payable under a residual value guarantee; and
- 4) Amounts expected for the exercise price under a purchase option, lease payments under an extension option, and penalties for early termination, if the Bank and subsidiaries are reasonably certain to exercise or early terminate.

The lease liability is measured by the effective interest method to recognize the interest expense, and remeasured to reflect the changes as follows:

- 1) The lease term changes;
- 2) The future lease payments change to reflect a change in an index or rate; or
- 3) If there is a change in the Bank and subsidiaries’ estimate of the amount expected to be payable under a residual value guarantee, or if the Bank and subsidiaries change its assessment of whether it will exercise a purchase, extension or termination option.

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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When the lease liability is remeasured to reflect above changes, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or is recorded in profit or loss if the carrying amount of the right-of-use asset has been reduced to zero.

The Bank and subsidiaries do not recognize right-of-use assets and lease liabilities for short-term leases that have a lease term of 12 months or less and leases of low-value assets. The Bank and subsidiaries recognize the lease payments associated with these leases as an expense on a straight-line basis over the lease term.

(p) Foreclosed properties

Foreclosed properties received are stated at acquired cost, and the difference between it and the nominal value of the original claim is reflected as a credit loss. On the balance sheet date, if the foreclosed properties received are still unsold, they shall be evaluated at the lower of carrying amount and net fair market value. If there is sufficient evidence indicating that the net fair market value is lower than the carrying amount of foreclosed properties, the difference after reassessment is accounted for under impairment loss on assets. Gain or loss on disposal of foreclosed properties is recognized in current profit or loss as well.

(q) Provisions

The Bank and subsidiaries recognize provisions only if all of the following conditions are met:

- (i) An entity has a present, legal or constructive obligation, as a result of a past event;
- (ii) It is probable that an outflow of resources embodying economic benefits will be required to settle the obligation; and
- (iii) A reliable estimate can be made of the amount of the obligation.

The Bank and subsidiaries shall not recognize provisions for future operating losses.

Where there are a number of similar obligations the probability that an outflow will be required in settlement is determined by considering the class of obligations as a whole. Although the likelihood of outflow for any one item may be small, it may well be probable that some outflow of resources will be needed to settle the class of obligations as a whole. If that is the case, a provision is recognized.

The amount of a provision is measured subsequently as the present value of the expenditures expected to be required to settle the obligation. The discount rate is a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability. The deficiency is recognized as profit or loss of the current period.

(r) Revenue recognition

The Bank and subsidiaries' incomes are recognized on an accrual basis. Please refer to Note 4(f)(i)3 for more information on interest income from receivables and loans.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- (s) Employee benefit
- (i) Short-term employee benefit: The Bank or its subsidiaries expect to settle all short-term non-discounted benefits in 12 months after the end of annual financial reporting date in which the services are rendered by employees, and recognize as current expenses.
  - (ii) Post-employment benefit: The Bank and subsidiaries' pension plan comprises defined contribution plan and defined benefit plan.
    - 1) A defined contribution plan is a post-employment benefit plan under which the Bank pays fixed contributions into a separate entity and will have no legal or constructive obligation to pay further amounts. Obligations for contributions to defined contribution pension plans are recognized as an employee benefit expense in profit or loss in the periods during which services are rendered by employees. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in future payments is available. Contributions to a defined contribution plan that is due more than 12 months after the end of the period in which the employees render the service are discounted to their present value.
    - 2) A defined benefit plan is a post-employment benefit plan under which benefit is paid to an employee on the basis of their ages, service periods and compensated salaries at the date of retirement. The Bank recognizes remeasurements of the defined benefit plan which are incurred by the change of actual experience and actuarial assumption in other comprehensive income, and recognize pension asset or liability in balance sheet in which asset or liability is the amount of actuarial present value of defined benefits obligation deducting fair value of plan assets. The calculation of defined benefits obligation is performed annually by an actuary using the projected unit credit method. The actuarial present value of defined benefits obligation is calculated by discounting future cash flow at the yield rate on AA credit rated bonds that have maturity dates approximating the terms of the obligation and that are denominated in the same currency in which the benefits are expected to be paid. In accordance with the article 30 of the Regulations Governing the Preparation of Financial Reports by Public Bank's, when the interest incurred from retiree deposits with favorable rates exceed the interest generated from market rate, it should be considered the actuarial amount according to defined benefit plan regulated on IAS 19 "Employee Benefits" since the employee's retirement date. Otherwise, the parameter of actuarial assumption of competent authority should be followed (if have). The interim amount of defined benefit plan is determined based on the pension cost rate, which is the actuarial rate at the end of last fiscal year, and the amount, which is from the beginning of the year to the end of current period. In addition, an adjustment would be made if significant market fluctuation, significant decrease, pay-off or other significant one-time event occurs after the end of period.
    - 3) The defined contribution plan of overseas unit is in accordance with respective authorities' regulation.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(iii) Termination benefits: Termination benefits are incurred when the Bank or its subsidiaries terminate employment prior to qualifying for retirement, or the employees accepted voluntary redundancy to get termination benefits in return. Termination benefits are recognized as a liability when the Bank and subsidiaries are committed demonstrably, without realistic possibility of withdrawal, to a formal detailed plan to provide termination benefits or make an offer of termination benefits to encourage voluntary redundancy. Termination benefits are payable more than 12 months after the reporting period, then they are discounted to their present value.

(t) Share based payment transactions

The Bank and subsidiaries' accounting treatments of share-based payment are as below.

(i) Equity-settled share-based payments are measured at fair value at the date of grant. The fair value determined at the grant date of the equity-settled share-based payments is expensed over the vesting period, and the corresponding increase in owners' equity is recognized. The vesting period is estimated based on the ultimate vesting conditions that must be satisfied. The vesting conditions include service conditions and performance conditions, including market conditions. In valuing equity-settled payments, no account is taken of any vesting conditions other than market conditions.

(ii) For cash-settled share-based payment transactions, a liability equal to the portion of the goods or services received is recognized at its current fair value determined at each balance sheet date and at the date of settlement, with any changes in the fair value recognized in profit or loss of the period.

Fair value of the share options at the grant date is measured with the use of an option pricing model based on management's best estimate of the exercise price, expected term, underlying share price, expected volatility, expected dividend yield, risk-free interest rate, and any other inputs to the model.

(u) Compensations of employees and directors

The Bank's employees' and directors' (including independent directors) compensations are recognized as personnel expenses. Any difference lies between the actual allocation amount and the amount previously recognized in the financial report is considered as change in accounting estimates which is then recognized as profit or loss in next year.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(v) Income taxes

Income tax expenses include both current taxes and deferred taxes. Except for expenses related to business combinations or recognized directly in equity or other comprehensive income, all current and deferred taxes shall be recognized in profit or loss. Current taxes include tax payables and tax deduction receivables on taxable gains (losses) for the years calculated using the statutory tax rate on the reporting date or the actual legislative tax rate, as well as tax adjustments related to prior years. Income tax expense is measured by interim reporting period net income before tax multiplied by best estimate effective annual tax rate. And the best estimate effective annual tax rate is determined by the management. Deferred taxes arise due to temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and their respective tax bases. Deferred tax assets and liabilities shall be measured at the tax rates that are expected to apply to the period when the asset is realized or the liability is settled, based on tax rates that have been enacted or substantively enacted by the end of the reporting period. Deferred tax assets and liabilities may be offset against each other if the following criteria are met by the Bank and subsidiaries:

- (i) The entity has the legal right to settle tax assets and liabilities on a net basis; and
- (ii) The deferred tax assets and the deferred tax liabilities relate to income taxes levied by the same taxation authority on either:
  - 1) Levied by the same taxing authority; or
  - 2) Levied by different taxing authorities, but where each such authority intends to settle tax assets and liabilities (where such amounts are significant) on a net basis every year of the period of expected asset realization or debt liquidation, or where the timing of asset realization and debt liquidation is matched.

A deferred tax asset should be recognized for the carry-forward of unused tax losses, unused tax credits, and deductible temporary differences to the extent that it is probable that future taxable profit will be available against which the unused tax losses, unused tax credits, and deductible temporary differences can be utilized. Such unused tax losses, unused tax credits, and deductible temporary differences shall also be re-evaluated every year on the financial reporting date, and adjusted based on the probability that future taxable profit will be available against which the unused tax losses, unused tax credits, and deductible temporary differences can be utilized.

As a subsidiary of CTBC Financial Holding Co., Ltd., the Bank files a consolidated corporate income tax return with its parent company and subsidiaries. The difference between the consolidated income tax and the Bank's ordinary income tax is adjusted at the parent-company level, and the Bank recognizes such difference as payables or receivables.

(w) Contingent liabilities

A contingent liability is defined as a possible obligation that arises from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Bank or its subsidiaries; or a present obligation that arises from past events but is not recognized because it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation or the amount of the obligation cannot be measured with sufficient reliability. The Bank and subsidiaries shall not recognize a contingent liability; instead, contingent liability shall be appropriately disclosed.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(x) Operating segments

An operating segment is a component of the Bank and subsidiaries that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the Bank and its affiliates). The segment's operating results are reviewed regularly by the Bank's chief operating decision maker to make decisions about resources to be allocated to the segment and assess its performance for which discrete financial information is available.

The prime responsibility of the Bank's parent company CTBC Financial Holding Co., Ltd. is the management of its subsidiaries, whose operational performance and resource allocation are executed under board approval of the parent company. The Bank and subsidiaries periodically report actual financial results to the Group's Management Board, and thereby leading to its role as the chief operating decision maker.

**(5) Significant accounting assumptions and judgments, and major sources of estimation uncertainty:**

In preparing these consolidated financial statements, management must make judgements, estimates and assumptions that affect the adoption of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from estimates.

The management should continuously evaluate the estimates and assumptions. Changes in accounting estimates are recognized at the occurrence and the impacted future periods.

Please refer to the following for accounting policies and management judgments which have significant impacts on the financial statements of the Bank and subsidiaries

(a) Impairment of financial assets

The impairment of financial assets of the Bank and subsidiaries is recognized as the 12-month expected credit loss or the lifetime credit loss by identifying whether the credit risk of financial instruments has been significantly increased since the initial recognition. To evaluate the expected credit losses for 12-month and lifetime, the Bank and subsidiaries consider the default probability (Probability of default, "PD") of financial assets or issuers or counterparties, and loss given default rate ("LGD") multiplying the exposure at default ("EAD"), taking into account the time value of money as well evaluate 12-month and lifetime loss. The Bank and subsidiaries consider historical experiences, current market conditions and forward-looking estimates to decide the assumptions and input values to be used in determining the impairment loss. For the details of the relevant assumptions and input values, please refer to Note 6(aq).

(b) Assessment of goodwill impairment

Assessment of goodwill impairment depends on subjective judgment by the Bank and subsidiaries, including identifying cash-generating units, allocating goodwill to related cash generating units, and deciding recoverable amount of related cash generating units. The management of the Bank and subsidiaries shall estimate the expected future cash flow from cash generating units and decide proper discount rate for calculating present value. If the actual cash flow is less than expected, significant impairment losses may incur.

(c) Assessment of the fair value of financial instruments

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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The Bank and subsidiaries hold certain financial instruments without active markets, including financial instruments lacking active market quotes and financial instruments that turned out to be inactive due to market conditions (e.g., low market liquidity). When a market is inactive, there are usually only a few or no observable market data available to measure the fair value of financial instruments. Determination of the existence of an active market for a financial instrument requires management's judgement. If the market for an investment held by the Bank and subsidiaries are not active, the fair value of the instrument is determined using valuation techniques. The Bank and subsidiaries use quotes from independent third parties or prices derived from internally developed models to determine the fair value of those financial instruments. When the fair value may be publicly obtained from independent sources it shall be adopted first. Overall, the Bank and subsidiaries would decide a source or a technique as a fair value determination method that can reflect the price achieved between market participants through regular trading as of the reporting date. Valuation techniques include adoption of recent arm's-length transactions, reference to other instruments with a substantially identical basis, application of discounted cash flow analysis, etc., which may also include a number of assumptions related to each variable (such as credit risk and interest rate). Adoption of different valuation techniques or assumptions may lead to significant discrepancies in fair value determination results.

Please refer to note 6(aq) for the estimated fair value of the above financial instruments.

**(6) Explanation of significant accounts:**

(a) Cash and cash equivalents

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Cash on hand	\$ 34,151,538	30,006,286
Petty cash and revolving fund	21,949	19,958
Checks for clearance	3,617,422	3,592,450
Cash in transit	2,579,482	2,542,077
Due from other banks	31,597,849	25,273,210
Cash equivalents	<u>11,145,393</u>	<u>724,262</u>
Total	<u><u>\$ 83,113,633</u></u>	<u><u>62,158,243</u></u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(b) Due from Central Bank and call loans to banks

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Required reserve—Account A	\$ 160,198,075	119,037,669
Required reserve—Account B	88,211,850	76,042,809
Required reserve—Foreign Currency	660,222	526,110
Due from Central Bank	104,303,229	121,208,319
Call loans to banks	<u>143,261,212</u>	<u>42,266,999</u>
Total	<b><u>\$ 496,634,588</u></b>	<b><u>359,081,906</u></b>

The reserves for deposits are calculated at prescribed rates, using the average monthly balances of various deposit accounts, and are appropriated and deposited in the reserve account of the Central Bank of the Republic of China (Taiwan). Deposits in “Required reserve—Account A” are interest free and can be withdrawn at any time; deposits in “Required reserve—Account B” are interest bearing and cannot be withdrawn except for the monthly adjustment to the required reserve permitted by relevant regulations.

Please refer to Note 8 for information with regard to the restrictions on the due from Central Bank and call loans to banks shown above.

(c) Financial instruments measured at fair value through profit or loss

Financial assets measured at fair value through profit or loss of the Bank and subsidiaries were as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Mandatorily measured at fair value through profit or loss		
Commercial paper	\$ 136,904,452	121,073,330
Negotiable certificates of deposits	9,437,159	2,000,146
Government bonds	1,651,146	2,167,431
Corporate bonds	1,145,006	7,515,092
Convertible bonds	1,393,836	692,250
Financial debentures	509,012	1,245,564
Stocks	262,141	1,274,305
Beneficiary certificates	428,791	587,349
Derivative financial assets	58,073,077	33,741,837
Valuation adjustment of financial assets	<u>(75,818)</u>	<u>(76,474)</u>
Total	<b><u>\$ 209,728,802</u></b>	<b><u>170,220,830</u></b>

Please refer to Note 6(u) for information with regard to repurchase conditions for financial assets measured at fair value through profit or loss shown above.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Financial liabilities measured at fair value through profit or loss of the Bank and subsidiaries were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Derivative financial liabilities	\$ 62,322,676	35,445,878
Financial liabilities designated at fair value through profit or loss	<u>8,715,400</u>	<u>10,541,448</u>
Total	<u>\$ 71,038,076</u>	<u>45,987,326</u>

The aforementioned financial liabilities designated at fair value through profit or loss were issued by the Bank, with the related terms and conditions disclosed in Note 6(x). The amounts of fair value and its changes which were attributable to changes in the credit risk were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Financial debentures at fair value	\$ 8,715,400	10,541,448
Cumulative changes in fair value that is attributable to changes in the credit risk	(2,272,178)	57,064
The difference between book value and the amount payable upon maturity as specified in the contract	5,026,430	(361,219)

The Bank assesses changes in fair value that was not attributable to changes in market conditions that give rise to swing of market risk to evaluate changes in fair value due to shift of credit risk. For the years ended December 31, 2022 and 2021, there was no transfer of the cumulative gain or loss within equity.

The fair value of the callable financial debentures issued by the Bank was evaluated based on the internal evaluation model, with evaluation variables retrieved from parameters unobservable in the market. In consideration of the discrepancy between evaluated price and transaction price, the Bank has recognized reserve for day one profits. The changes in reserve for day one profits were as follows:

	<u>For the years ended December 31</u>	
	<u>2022</u>	<u>2021</u>
Beginning balance	\$ 152,973	59,193
Current increase	113,665	138,071
Current decrease	(67,451)	(42,035)
Foreign exchange gains (losses)	<u>19,505</u>	<u>(2,256)</u>
Ending balance	<u>\$ 218,692</u>	<u>152,973</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(d) Financial assets measured at fair value through other comprehensive income

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Debt investments measured at fair value through other comprehensive income		
Negotiable certificates of deposits	\$ 1,270,253	1,583,265
Treasury bills	3,286,103	6,597,543
Government bonds	50,240,315	58,092,086
Corporate bonds	19,298,344	21,974,899
Financial debentures	97,900,218	108,170,750
Asset-backed securities	30,322,890	37,780,153
Other securities and bonds	14,760,641	17,611,672
Valuation adjustment of financial assets	<u>(8,818,057)</u>	<u>(291,733)</u>
Subtotal	<u>208,260,707</u>	<u>251,518,635</u>
Equity investments measured at fair value through other comprehensive income		
Stocks	\$ 9,484,277	15,165,536
Beneficiary certificates	20,233,122	18,167,690
Valuation adjustment of financial assets	<u>(5,704,300)</u>	<u>(453,473)</u>
Subtotal	<u>24,013,099</u>	<u>32,879,753</u>
Total	<u>\$ 232,273,806</u>	<u>284,398,388</u>

The changes in allowance for credit losses attributed to the financial assets above were as follows:

	<u>For the year ended December 31, 2022</u>					
	<u>12-month ECL</u>	<u>Lifetime ECL (Collectively assessed)</u>	<u>Lifetime ECL (Individually assessed)</u>	<u>Lifetime ECL (Not purchased or originated credit- impaired financial assets)</u>	<u>Lifetime ECL (Purchased or originated credit- impaired financial assets)</u>	<u>The provision of impairment in accordance with IFRS 9 (Total)</u>
Beginning balance	\$ 38,566	166,000	-	-	-	204,566
Changes in financial instruments that have been identified at the beginning of the period:						
– The financial assets that have been derecognized	(12,028)	-	-	-	-	(12,028)
New financial assets originated or purchased	5,442	-	-	-	-	5,442
Foreign exchange and other movement	(197)	56,250	-	-	-	56,053
Ending balance	<u>\$ 31,783</u>	<u>222,250</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>254,033</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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	For the year ended December 31, 2021					The provision of impairment in accordance with IFRS 9 (Total)
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit-impaired financial assets)	Lifetime ECL (Purchased or originated credit-impaired financial assets)	
Beginning balance	\$ 52,701	-	-	-	-	52,701
Changes in financial instruments that have been identified at the beginning of the period:						
– The financial assets that have been derecognized	(35,692)	-	-	-	-	(35,692)
New financial assets originated or purchased	22,311	-	-	-	-	22,311
The amount affected by business combinations	2,039	166,260	-	-	-	168,299
Foreign exchange and other movement	(2,793)	(260)	-	-	-	(3,053)
Ending balance	<u>\$ 38,566</u>	<u>166,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>204,566</u>

For the years ended December 31, 2022 and 2021, the dividends of the Bank and subsidiaries related to equity investments at fair value through other comprehensive income were as follows:

	For the years ended December 31	
	2022	2021
Amounts derecognized during the reporting period	\$ 437,462	131,784
Amounts held by the end of the reporting period	1,487,706	1,005,324
Total	<u>\$ 1,925,168</u>	<u>1,137,108</u>

The Bank and subsidiaries disposed the equity investments measured at fair value through other comprehensive income based on investment consideration for the years ended December 31, 2022 and 2021. The gains (losses) of disposal were recognized in Retained Earnings. The information of fair value at the date of derecognition and gains (losses) on disposal was as follows:

	The fair value at the date of derecognition		Gains (losses) on disposal	
	For the years ended December 31,		For the years ended December 31,	
	2022	2021	2022	2021
Stocks	<u>\$ 6,767,202</u>	<u>4,782,496</u>	<u>(60,889)</u>	<u>1,810,033</u>

Please refer to Notes 6(u) and 8 for information with regard to the repurchase conditions for, or restrictions on, financial assets measured at fair value through other comprehensive income shown above.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(e) Investment in debt instruments at amortized cost

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Negotiable certificates of deposits	\$ 428,363,183	522,096,000
Treasury bills	36,977,526	27,875,627
Government bonds	259,157,435	214,052,695
Corporate bonds	85,081,141	71,930,307
Financial debentures	43,676,407	25,933,988
Asset-backed securities	92,284,727	64,760,809
Others	35,157,294	21,467,268
Less: Allowance for credit losses	(51,723)	(58,346)
<b>Total</b>	<b>\$ 980,645,990</b>	<b>948,058,348</b>

The changes in allowance for credit losses attributed to the above assets were as follows:

	For the year ended December 31, 2022					
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit-impaired financial assets)	Lifetime ECL (Purchased or originated credit-impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)
Beginning balance	\$ 40,289	4,355	1,064	12,638	-	58,346
Changes in financial instruments that have been identified at the beginning of the period:						
– Transfer to 12-month ECL	4,135	(4,135)	-	-	-	-
– The financial assets that have been derecognized	(6,714)	-	-	-	-	(6,714)
New financial assets originated or purchased	9,168	-	-	-	-	9,168
Foreign exchange and other movement	(2,388)	(220)	12	(6,481)	-	(9,077)
Ending balance	<b>\$ 44,490</b>	<b>-</b>	<b>1,076</b>	<b>6,157</b>	<b>-</b>	<b>51,723</b>
	For the year ended December 31, 2021					
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit-impaired financial assets)	Lifetime ECL (Purchased or originated credit-impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)
Beginning balance	\$ 30,146	2,929	9,719	6,892	-	49,686
Changes in financial instruments that have been identified at the beginning of the period:						
– Transfer to lifetime ECL	(1,523)	-	1,523	-	-	-
– Transfer to 12-month ECL	8,951	-	(8,951)	-	-	-
– The financial assets that have been derecognized	(21,078)	-	-	-	-	(21,078)
New financial assets originated or purchased	31,970	-	-	4,633	-	36,603
Foreign exchange and other movement	(8,177)	1,426	(1,227)	1,113	-	(6,865)
Ending balance	<b>\$ 40,289</b>	<b>4,355</b>	<b>1,064</b>	<b>12,638</b>	<b>-</b>	<b>58,346</b>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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The Bank and subsidiaries derecognized investment in debt instruments measured at amortized cost for mandatory redemption of bond issuers, and for the purpose of credit risk management and fund management for the years ended December 31, 2022 and 2021. The information of the gains on disposal was as follows:

	<u>For the years ended December 31</u>	
	<u>2022</u>	<u>2021</u>
Government bonds	\$ 380	359
Corporate bonds	51,894	384,666
Total	<u>\$ 52,274</u>	<u>385,025</u>

Please refer to Notes 6(u) and 8 for information with regard to the repurchase conditions for, or restrictions on, investment in debt instruments measured at amortized cost shown above.

(f) Financial instruments – hedging

Hedging derivative financial assets of the Bank were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Fair value hedge:		
Non-delivery forwards	\$ 18,389	3,534
Hedge of a net investment in a foreign operation:		
Currency swaps	-	259,333
Total	<u>\$ 18,389</u>	<u>262,867</u>

Hedging derivative financial liabilities of the Bank were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Fair value hedge:		
Non-delivery forwards	\$ 2,310	283
Hedge of a net investment in a foreign operation:		
Currency swaps	500,716	1,647
Total	<u>\$ 503,026</u>	<u>1,930</u>

(i) For the years ended December 31, 2022 and 2021, the hedging financial instruments of the Bank have no ineffective portion of hedging.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ii) Fair value hedge

The Bank entered into non-delivery forwards; these contracts are principally to hedge against the foreign exchange fluctuation of capital of the international banking department.

<b>Hedged items</b>	<b>Designated hedging instruments</b>		
	<b>Financial instruments designated as hedging instruments</b>	<b>Fair value</b>	
		<b>December 31, 2022</b>	<b>December 31, 2021</b>
Capital of international banking department in USD	Non-delivery forwards	\$ 16,079	3,251

The information of the Bank designated as the hedged items on December 31, 2022 and 2021 was as follows:

	<b>The carrying amount of the hedged items</b>		<b>The cumulative amount of adjustment included in the carrying amount of the hedged item at fair value hedge</b>		<b>The separate line items of the hedged items included in the balance sheet</b>	<b>The change in the fair value of the ineffective portion of hedging items</b>	<b>Provision of cash flow hedge</b>
	<b>Assets</b>	<b>Liabilities</b>	<b>Assets</b>	<b>Liabilities</b>			
	<b>December 31, 2022</b>						
<b>Fair value hedge:</b>							
Currency swaps	\$ 1,077,270	-	(2,490)	-	Cash and cash equivalents	-	-
<b>December 31, 2021</b>							
<b>Fair value hedge:</b>							
Currency swaps	\$ 962,880	-	6,270	-	Cash and cash equivalents	-	-

(iii) Hedge of a net investment in a foreign operation

In order to minimize the risk from overseas equity-method investments, the Bank entered into currency swaps to hedge against foreign exchange fluctuation.

<b>Hedged items</b>	<b>Designated hedging instruments</b>		
	<b>Financial instruments designated as hedging instruments</b>	<b>Fair value</b>	
		<b>December 31, 2022</b>	<b>December 31, 2021</b>
CTBC Bank Co., Ltd.-Ho Chi Minh City Branch	Currency swaps	\$ (8,779)	1,316
CTBC Capital Corp.	Currency swaps	(60,437)	33,577
CTBC Bank Corp. (Canada)	Currency swaps	(2,488)	1,271
The Tokyo Star Bank, Ltd.	Currency swaps	(429,012)	221,522

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- (iv) The amounts applicable to the hedge accounting that affects the statements of comprehensive income for the years ended December 31, 2022 and 2021 were as follows:

	Recognized in other comprehensive income	Recognized in profit or loss of the ineffective portion of hedging	The separate line items included in the statements of comprehensive income	Provision of hedge reclassified to profit or loss		
				The hedged items no longer expected to occur and transfer	The hedged items have affected profit or loss and transferred	The separate line items affected by reclassification
<b>December 31, 2022</b>						
<b>Hedge of net investment</b>						
Currency swaps						
– Hedge of a net investment in a foreign operation	\$ (675,993)	-	-	-	-	-
<b>December 31, 2021</b>						
<b>Hedge of net investment</b>						
Currency swaps						
– Hedge of a net investment in a foreign operation	\$ 1,724,743	-	-	-	-	-

- (v) The amount, timing and uncertainty of the aforementioned hedging instruments affecting the Bank's future cash flow were as follows:

	Maturity date				
	Up to 1 month	1-3 months	3 months to 1 year	1-5 years	Over 5 years
<b>December 31, 2022</b>					
<b>Fair value hedge</b>					
Non-delivery forwards					
Notional Amount	-	-	USD 35,000	-	-
Range of FX (TWD/USD)			30.150~31.650		
<b>Hedge of net investment</b>					
Exchange transaction					
Notional Amount	USD 420,500	-	-	-	-
Range of FX (TWD/USD)	30.490~30.660				
Notional Amount	CAD 10,000	-	-	-	-
Range of FX (TWD/CAD)	22.420				
Notional Amount	JPY 52,970,726	-	-	-	-
Range of FX (TWD/JPY)	0.2236~0.2248				

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	Maturity date				
	Up to 1 month	1-3 months	3 months to 1 year	1-5 years	Over 5 years
<b>December 31, 2021</b>					
<b>Fair value hedge</b>					
Non-delivery forwards					
Notional Amount	-	-	USD 35,000	-	-
Range of FX (TWD/USD)	27.433~27.774				
<b>Hedge of net investment</b>					
Exchange transaction					
Notional Amount	USD 291,500	USD 129,000	-	-	-
Range of FX (TWD/USD)	27.729~27.795	27.810			
Notional Amount	-	CAD 10,000	-	-	-
Range of FX (TWD/CAD)	-	21.757			
Notional Amount	JPY 26,491,700	JPY 26,479,026	-	-	-
Range of FX (TWD/JPY)	0.2445	0.2448			

(g) Securities purchased under resell agreements

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Securities purchased under resell agreements	<u>\$ 10,141,185</u>	<u>13,602,124</u>
Face value of securities	<u>\$ 10,199,650</u>	<u>13,589,360</u>

(h) Receivables — net

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Notes receivable	\$ 29,077	49,338
Accounts receivable	110,367,954	96,231,402
Accounts receivable factoring	22,158,795	33,836,723
Interest receivable	16,387,389	10,846,751
Acceptances receivable	10,635,611	8,772,522
Accrued income	26,589	30,285
Other receivable	<u>11,318,037</u>	<u>15,960,888</u>
Subtotal	170,923,452	165,727,909
Less: Allowance for credit losses	<u>(2,481,379)</u>	<u>(2,282,169)</u>
Total	<u>\$ 168,442,073</u>	<u>163,445,740</u>

Please refer to Note 8 for information with regard to the restrictions on other receivables shown above.

Please refer to Note 6(j) for changes in allowance for credit losses of receivables listed above.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Please refer to Note 6(aq) for credit risk and market risk information listed above. Receivables of the Bank and subsidiaries should be included in impairment assessment, excluding that of credit card receivables, which is accounted for under provisions. Total receivables do not encompass investments in security-related and other receivables whose impairment assessments are consistent with corresponding assets.

(i) Loans – net

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Corporate loans	\$ 881,227,007	674,810,641
Micro business loans	11,672,000	18,414,514
Mortgage loans	951,062,232	833,361,070
Automobile loans	79	117
Consumer loans	<u>222,651,702</u>	<u>201,576,400</u>
Subtotal of NTD loans	2,066,613,020	1,728,162,742
Foreign currency loans	1,187,485,006	1,046,620,505
Non-accrual loans	<u>10,904,558</u>	<u>10,299,117</u>
Subtotal	3,265,002,584	2,785,082,364
Less: Allowance for credit losses	(52,619,803)	(46,408,799)
Less: Adjustment of discount and premium	<u>(1,759,313)</u>	<u>(1,622,894)</u>
Total	<b><u>\$ 3,210,623,468</u></b>	<b><u>2,737,050,671</u></b>

Please refer to Note 6(aq) for the industry information.

Non-performing loans of the Bank and subsidiaries were as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Non-performing loans	<b><u>\$ 15,842,204</u></b>	<b><u>15,792,061</u></b>

Suspended interest on non-accrual loans of the Bank and subsidiaries were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Suspended interest on non-accrual loans	<b><u>\$ 213,533</u></b>	<b><u>118,339</u></b>

For the years ended December 31, 2022 and 2021, there were no loans written off without recourse.

Please refer to Note 8 for information with regard to the restrictions on the loans shown above.

Please refer to Note 6(j) for changes in allowance for credit losses of loans listed above.

Please refer to Note 6(aq) for credit risk and market risk information listed above.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(j) Allowance for credit losses

The changes in allowance for credit losses, attributed to receivables, loans, other financial assets, and financing guarantee etc., were as follows:

(i) Receivables

For the year ended December 31, 2022								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	Total
Beginning balance	\$ 828,158	83,788	1,105	962,576	1	1,875,628	406,541	2,282,169
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(11,682)	12,561	-	(879)	-	-	-	-
— Transfer to the credit-impaired financial assets	(44,406)	(57,997)	(2)	102,404	1	-	-	-
— Transfer to 12-month ECL	23,743	(15,917)	(1)	(7,825)	-	-	-	-
— The financial assets that have been derecognized	(187,876)	(7,258)	(323)	(8,317)	-	(203,774)	-	(203,774)
New financial assets originated or purchased	155,226	25,092	48,589	18,392	130,543	377,842	-	377,842
Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	-	-	-	-	-	-	(108,280)	(108,280)
Write-offs	-	-	-	(798,391)	-	(798,391)	-	(798,391)
Recoveries of amounts previously written off	-	-	-	795,628	-	795,628	-	795,628
Foreign exchange and other movement	(10,194)	87,164	(466)	53,775	5,906	136,185	-	136,185
Ending balance	<u>\$ 752,969</u>	<u>127,433</u>	<u>48,902</u>	<u>1,117,363</u>	<u>136,451</u>	<u>2,183,118</u>	<u>298,261</u>	<u>2,481,379</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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For the year ended December 31, 2021

	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	Total
Beginning balance	\$ 644,349	102,264	1,481	1,023,199	1	1,771,294	407,453	2,178,747
Changes in financial instruments that have been identified at the beginning of the period:								
– Transfer to lifetime ECL	(7,055)	6,930	647	(522)	-	-	-	-
– Transfer to the credit-impaired financial assets	(42,550)	(72,827)	-	115,377	-	-	-	-
– Transfer to 12-month ECL	70,831	(20,172)	(10)	(50,649)	-	-	-	-
– The financial assets that have been derecognized	(39,116)	(6,833)	(1,060)	(6,107)	-	(53,116)	-	(53,116)
New financial assets originated or purchased	265,712	18,541	3	14,813	-	299,069	-	299,069
Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non- accrual Loans”	-	-	-	-	-	-	(912)	(912)
Write-offs	-	-	-	(776,853)	-	(776,853)	-	(776,853)
Recoveries of amounts previously written off	-	-	-	802,495	-	802,495	-	802,495
The amount affected by business combinations	-	-	-	344	-	344	-	344
Foreign exchange and other movement	(64,013)	55,885	44	(159,521)	-	(167,605)	-	(167,605)
Ending balance	<u>\$ 828,158</u>	<u>83,788</u>	<u>1,105</u>	<u>962,576</u>	<u>1</u>	<u>1,875,628</u>	<u>406,541</u>	<u>2,282,169</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(ii) Loans

For the year ended December 31, 2022								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	Total
Beginning balance	\$ 13,096,784	2,423,366	309,476	10,076,109	11,362	25,917,097	20,491,702	46,408,799
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(1,088,937)	1,189,339	25,111	(125,207)	(306)	-	-	-
— Transfer to the credit-impaired financial assets	(247,680)	(510,192)	(23,852)	775,359	6,365	-	-	-
— Transfer to 12-month ECL	516,527	(372,011)	(735)	(143,781)	-	-	-	-
— The financial assets that have been derecognized	(3,835,044)	(1,162,499)	(88,248)	(1,181,426)	(138)	(6,267,355)	-	(6,267,355)
New financial assets originated or purchased	5,918,514	1,114,109	3,290	1,168,477	34,377	8,238,767	-	8,238,767
Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	-	-	-	-	-	-	1,683,718	1,683,718
Write-offs	(3,683)	-	-	(3,684,906)	-	(3,688,589)	-	(3,688,589)
Recoveries of amounts previously written off	82,350	-	-	1,261,468	-	1,343,818	-	1,343,818
Foreign exchange and other movement	776,415	999,768	355,503	2,771,997	(3,038)	4,900,645	-	4,900,645
Ending balance	<u>\$ 15,215,246</u>	<u>3,681,880</u>	<u>580,545</u>	<u>10,918,090</u>	<u>48,622</u>	<u>30,444,383</u>	<u>22,175,420</u>	<u>52,619,803</u>
For the year ended December 31, 2021								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	Total
Beginning balance	\$ 5,470,676	994,715	296,369	8,405,623	37,899	15,205,282	18,598,420	33,803,702
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(218,315)	211,538	123,914	(115,612)	(1,525)	-	-	-
— Transfer to the credit-impaired financial assets	(140,872)	(409,027)	(95,639)	645,482	56	-	-	-
— Transfer to 12-month ECL	453,438	(161,595)	(69,919)	(221,924)	-	-	-	-
— The financial assets that have been derecognized	(1,904,495)	(242,091)	(36,140)	(1,446,824)	(5,871)	(3,635,421)	-	(3,635,421)
New financial assets originated or purchased	3,048,684	264,901	74,814	1,416,859	1,617	4,806,875	-	4,806,875
Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	-	-	-	-	-	-	1,893,282	1,893,282
Write-offs	(2,349)	(8,655)	-	(5,027,891)	(14,700)	(5,053,595)	-	(5,053,595)
Recoveries of amounts previously written off	2,249	-	-	1,422,308	-	1,424,557	-	1,424,557
The amount affected by business combinations	5,967,794	1,573,612	-	2,972,847	-	10,514,253	-	10,514,253
Foreign exchange and other movement	419,974	199,968	16,077	2,025,241	(6,114)	2,655,146	-	2,655,146
Ending balance	<u>\$ 13,096,784</u>	<u>2,423,366</u>	<u>309,476</u>	<u>10,076,109</u>	<u>11,362</u>	<u>25,917,097</u>	<u>20,491,702</u>	<u>46,408,799</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(iii) Short term advances, non-accrual loans and others

For the year ended December 31, 2022								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	Total
Beginning balance	\$ 14,447	283	-	261,855	-	276,585	3,768	280,353
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(148)	606	-	(458)	-	-	-	-
— Transfer to the credit-impaired financial assets	(313)	(130)	-	443	-	-	-	-
— Transfer to 12-month ECL	1,720	(44)	-	(1,676)	-	-	-	-
— The financial assets that have been derecognized	(25,343)	(438)	-	(25,549)	-	(51,330)	-	(51,330)
New financial assets originated or purchased	60,827	248	-	275,357	-	336,432	-	336,432
Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	-	-	-	-	-	-	(702)	(702)
Write-offs	-	-	-	(92,835)	-	(92,835)	-	(92,835)
Foreign exchange and other movement	(22,361)	(213)	-	30,666	-	8,092	-	8,092
Ending balance	<u>\$ 28,829</u>	<u>312</u>	<u>-</u>	<u>447,803</u>	<u>-</u>	<u>476,944</u>	<u>3,066</u>	<u>480,010</u>
For the year ended December 31, 2021								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	Total
Beginning balance	\$ 8,558	72	-	146,127	-	154,757	4,063	158,820
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(6)	66	-	(60)	-	-	-	-
— Transfer to the credit-impaired financial assets	-	(25)	-	25	-	-	-	-
— Transfer to 12-month ECL	854	(21)	-	(833)	-	-	-	-
— The financial assets that have been derecognized	(5,451)	(56)	-	(18,586)	-	(24,093)	-	(24,093)
New financial assets originated or purchased	6,137	28	-	122,383	-	128,548	-	128,548
Additional provision of impairment in accordance with “Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans”	-	-	-	-	-	-	(295)	(295)
Write-offs	-	-	-	(100,419)	-	(100,419)	-	(100,419)
The amount affected by business combinations	6,169	224	-	36,704	-	43,097	-	43,097
Foreign exchange and other movement	(1,814)	(5)	-	76,514	-	74,695	-	74,695
Ending balance	<u>\$ 14,447</u>	<u>283</u>	<u>-</u>	<u>261,855</u>	<u>-</u>	<u>276,585</u>	<u>3,768</u>	<u>280,353</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(iv) Financing commitment and guarantee reserve

For the year ended December 31, 2022								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	Total
Beginning balance	\$ 404,932	14,767	-	143,589	59	563,347	702,078	1,265,425
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(1,940)	1,945	-	(5)	-	-	-	-
— Transfer to the credit-impaired financial assets	(2,130)	(643)	-	2,773	-	-	-	-
— Transfer to 12-month ECL	3,802	(3,118)	-	(684)	-	-	-	-
— The financial assets that have been derecognized	(128,971)	(2,793)	-	(2,973)	-	(134,737)	-	(134,737)
New financial assets originated or purchased	186,508	627	-	187	1,170	188,492	-	188,492
Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	-	-	-	-	-	-	(53,072)	(53,072)
Write-offs	-	-	-	(2,167)	-	(2,167)	-	(2,167)
Recoveries of amounts previously written off	-	-	-	219	-	219	-	219
Foreign exchange and other movement	(33,777)	3,244	-	(125,085)	10	(155,608)	-	(155,608)
Ending balance	<u>\$ 428,424</u>	<u>14,029</u>	<u>-</u>	<u>15,854</u>	<u>1,239</u>	<u>459,546</u>	<u>649,006</u>	<u>1,108,552</u>
For the year ended December 31, 2021								
	12-month ECL	Lifetime ECL (Collectively assessed)	Lifetime ECL (Individually assessed)	Lifetime ECL (Not purchased or originated credit- impaired financial assets)	Lifetime ECL (Purchased or originated credit- impaired financial assets)	The provision of impairment in accordance with IFRS 9 (Total)	Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	Total
Beginning balance	\$ 314,973	7,196	272	143,248	94	465,783	756,280	1,222,063
Changes in financial instruments that have been identified at the beginning of the period:								
— Transfer to lifetime ECL	(2,034)	2,039	-	(5)	-	-	-	-
— Transfer to the credit-impaired financial assets	(2,045)	(208)	-	2,253	-	-	-	-
— Transfer to 12-month ECL	2,110	(958)	-	(1,152)	-	-	-	-
— The financial assets that have been derecognized	(60,077)	(1,093)	(173)	(1,127)	-	(62,470)	-	(62,470)
New financial assets originated or purchased	115,264	1,883	-	200	-	117,347	-	117,347
Additional provision of impairment in accordance with "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/ Non-accrual Loans"	-	-	-	-	-	-	(54,202)	(54,202)
Write-offs	-	-	-	(72)	-	(72)	-	(72)
Recoveries of amounts previously written off	-	-	-	458	-	458	-	458
The amount affected by business combinations	96,759	5,286	-	6	-	102,051	-	102,051
Foreign exchange and other movement	(60,018)	622	(99)	(220)	(35)	(59,750)	-	(59,750)
Ending balance	<u>\$ 404,932</u>	<u>14,767</u>	<u>-</u>	<u>143,589</u>	<u>59</u>	<u>563,347</u>	<u>702,078</u>	<u>1,265,425</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(k) Investment under equity method—net

<b>December 31, 2022</b>				
		<b>Cost of Investment (thousand dollar)</b>	<b>%</b>	<b>Book value</b>
<u>Associates:</u>				
Grand Bills Finance Corporation	NTD	1,010,880	21.15	\$ 1,634,203
AZ-Star Co., Ltd.	JPY	12,000	40.00	23,292
AZ-Star 3 Investment Limited Partnership	JPY	1,953,768	23.56	373,400
<u>Joint venture:</u>				
Xiamen Jinmeixin Consumer Finance Co., Ltd.	RMB	170,000	34.00	<u>1,081,342</u>
Total				<b><u>\$ 3,112,237</u></b>

<b>December 31, 2021</b>				
		<b>Cost of Investment (thousand dollar)</b>	<b>%</b>	<b>Book value</b>
<u>Associates:</u>				
Grand Bills Finance Corporation	NTD	1,010,880	21.15	\$ 2,202,817
AZ-Star Co., Ltd.	JPY	12,000	40.00	25,225
AZ-Star 3 Investment Limited Partnership	JPY	1,846,927	23.56	386,458
<u>Joint venture:</u>				
Xiamen Jinmeixin Consumer Finance Co., Ltd.	RMB	170,000	34.00	<u>944,088</u>
Total				<b><u>\$ 3,558,588</u></b>

In September 2021, the Bank increased the ownership of LH Financial Group Public Company Limited to 46.61%. Also, on October 25, 2021, the number of directors appointed by the Bank exceeded half of the total number of directors, resulting in the Bank to have de facto control over it. Please refer to Note 12(c) for information on mergers and acquisitions.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

For the years ended December 31, 2022 and 2021, the amounts of profit and loss from associates recognized under equity-method investments were as below:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Associates	\$ 55,990	763,096
Joint venture	124,122	80,159
Total	<b>\$ 180,112</b>	<b>843,255</b>

(i) Information of insignificant associates:

The following was the collected prorated financial information of the associates that were individually insignificant to the Bank and subsidiaries. The financial information was derived from the consolidated financial report.

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Net income from continuing operations	\$ 55,990	154,581
Other comprehensive losses	(535,546)	(139,829)
Comprehensive (losses) income	<b>\$ (479,556)</b>	<b>14,752</b>

(ii) Joint venture

Xiamen Jinmeixin Consumer Finance Co., Ltd. was jointly invested by the Bank, GOME Holdings Group Co., Ltd. and Xiamen Jin Yuan Financial Holding Co., Ltd. The investment was joint ventures accounted for using equity method.

The amounts of the investments in individually insignificant joint venture accounted for using equity method by the Bank and subsidiaries were shown below:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Net income from continuing operations	\$ 124,122	80,159
Other comprehensive income (losses)	13,132	(7,266)
Comprehensive income	<b>\$ 137,254</b>	<b>72,893</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(l) Subsidiary with material non-controlling interests

The non-controlling interests of the subsidiaries that are material to the Bank and subsidiaries are as follows:

<u>Name of Subsidiaries</u>	<u>Main Operating Location/Registered Country of the Company</u>	<u>Proportion of ownership interests and voting rights of non-controlling interests</u>	
		<u>December 31, 2022</u>	<u>December 31, 2022</u>
LH Financial Group Public Company Limited	Thailand	53.39 %	53.39 %

The summarized financial information of LH Financial Group Public Company Limited was as follows. The financial information was prepared in accordance with the IFRSs accepted by FSC and has reflected the adjustment of fair value and the difference of accounting policies made by the Bank and subsidiaries on the acquisition date. Such financial information was the amount without writing off the transaction between the Bank and subsidiaries:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Total assets	\$ 278,884,172	228,919,648
Total liabilities	(235,353,986)	(188,048,724)
Net assets	<u>\$ 43,530,186</u>	<u>40,870,924</u>
Book value of non-controlling interests	<u>\$ 23,242,072</u>	<u>22,059,636</u>
	<u>For the year ended December 31, 2022</u>	<u>October 25, 2021~December 31, 2021</u>
Net revenue	<u>\$ 7,082,674</u>	<u>1,164,177</u>
Net income (losses)	2,501,676	(387,437)
Other comprehensive (losses) income	(2,308,715)	40,374
Total comprehensive income (losses)	<u>\$ 192,961</u>	<u>(347,063)</u>
Net income (losses) attributable to non-controlling interests	<u>\$ 1,335,741</u>	<u>(206,864)</u>
Comprehensive income (losses) attributable to non-controlling interests	<u>\$ 103,049</u>	<u>(185,307)</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(m) Other financial assets — net

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Short term advances	\$ 1,395,539	1,076,910
Less: Allowance for credit losses—short-term advances	(87,086)	(75,072)
Deposits pledged	671,853	3,279,610
Non-accrual loans transferred from non-loan financial assets	114,759	205,973
Less: Allowance for credit losses—non-accrual loans transferred from non-loan financial assets	(73,674)	(155,635)
Others	174,729	23,295
Total	<b>\$ 2,196,120</b>	<b>4,355,081</b>

Please refer to Note 6(j) for information with regard to the changes of short-term advances and allowance for credit losses of non-accrual loans transferred from non-loan financial assets shown above.

Please refer to Note 8 for information with regard to the restrictions on the other financial assets shown above.

(n) Investment property — net

<b>Asset</b>	<b>December 31, 2022</b>			
	<b>Cost</b>	<b>Accumulated depreciation</b>	<b>Accumulated impairment</b>	<b>Book value</b>
Land	\$ 4,025,386	-	36,013	3,989,373
Buildings	1,441,256	603,021	8,519	829,716
Total	<b>\$ 5,466,642</b>	<b>603,021</b>	<b>44,532</b>	<b>4,819,089</b>
Fair value				<b>\$ 6,699,243</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Asset	December 31, 2021			
	Cost	Accumulated depreciation	Accumulated impairment	Book value
Land	\$ 4,274,887	-	51,893	4,222,994
Buildings	<u>1,641,399</u>	<u>648,821</u>	<u>12,905</u>	<u>979,673</u>
Total	<u>\$ 5,916,286</u>	<u>648,821</u>	<u>64,798</u>	<u>5,202,667</u>
Fair value				<u>\$ 7,403,381</u>

Changes in the cost were as follows:

	January 1, 2022	Current increase	Current decrease	Others	December 31, 2022
	Land	\$ 4,274,887	-	249,501	-
Buildings	<u>1,641,399</u>	-	<u>200,143</u>	-	<u>1,441,256</u>
Total	<u>\$ 5,916,286</u>	<u>-</u>	<u>449,644</u>	<u>-</u>	<u>5,466,642</u>

	January 1, 2021	Current increase	Current decrease	Others	December 31, 2021
	Land	\$ 4,218,550	245,404	189,067	-
Buildings	<u>1,587,206</u>	<u>223,122</u>	<u>168,929</u>	-	<u>1,641,399</u>
Total	<u>\$ 5,805,756</u>	<u>468,526</u>	<u>357,996</u>	<u>-</u>	<u>5,916,286</u>

Changes in accumulated depreciation were as follows:

	January 1, 2022	Current increase	Current decrease	Others	December 31, 2022
	Buildings	\$ <u>648,821</u>	<u>28,722</u>	<u>74,522</u>	<u>-</u>

	January 1, 2021	Current increase	Current decrease	Others	December 31, 2021
	Buildings	\$ <u>593,623</u>	<u>115,338</u>	<u>60,140</u>	<u>-</u>

Changes in accumulated impairment were as follows:

	January 1, 2022	Current increase	Current decrease	Others	December 31, 2022
	Land	\$ 51,893	-	15,880	-
Buildings	<u>12,905</u>	-	<u>4,386</u>	-	<u>8,519</u>
Total	<u>\$ 64,798</u>	<u>-</u>	<u>20,266</u>	<u>-</u>	<u>44,532</u>

	January 1, 2021	Current increase	Current decrease	Others	December 31, 2021
	Land	\$ 51,893	-	-	-
Buildings	<u>13,989</u>	<u>160</u>	<u>1,244</u>	-	<u>12,905</u>
Total	<u>\$ 65,882</u>	<u>160</u>	<u>1,244</u>	<u>-</u>	<u>64,798</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

The fair value of investment property is based on a valuation by an independent appraiser who holds a recognized and relevant professional qualification and has recent experience in the location and category of the investment property being valued. The value of investment properties is estimated through application of market value method.

The Bank and subsidiaries recognized changes in impairment losses and reversal of impairment losses due to the disposal, changes in market environment and adjustments in office-use plan for the years ended December 31, 2022 and 2021.

The Bank and subsidiaries have no pledged investment properties.

(o) Premises and equipment – net

<u>December 31, 2022</u>	<u>Cost</u>	<u>Accumulated depreciation</u>	<u>Accumulated impairment</u>	<u>Net</u>
Land	\$ 13,614,913	-	41,383	13,573,530
Buildings	32,953,396	10,064,048	23,493	22,865,855
Transportation equipment	82,136	39,120	2	43,014
Miscellaneous equipment	10,370,634	6,354,993	1,262	4,014,379
Construction in progress	480,657	-	-	480,657
Prepayment for equipment	64,195	-	-	64,195
<b>Total</b>	<b><u>\$ 57,565,931</u></b>	<b><u>16,458,161</u></b>	<b><u>66,140</u></b>	<b><u>41,041,630</u></b>
<u>December 31, 2021</u>	<u>Cost</u>	<u>Accumulated depreciation</u>	<u>Accumulated impairment</u>	<u>Net</u>
Land	\$ 13,543,962	-	41,383	13,502,579
Buildings	32,720,480	9,013,835	23,450	23,683,195
Transportation equipment	77,249	33,875	2	43,372
Miscellaneous equipment	10,263,037	6,388,715	1,913	3,872,409
Construction in progress	357,919	-	-	357,919
Prepayment for equipment	40,407	-	-	40,407
<b>Total</b>	<b><u>\$ 57,003,054</u></b>	<b><u>15,436,425</u></b>	<b><u>66,748</u></b>	<b><u>41,499,881</u></b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Changes in the cost were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Land	\$ 13,543,962	58,407	-	12,544	13,614,913
Buildings	32,720,480	315,696	188,907	106,127	32,953,396
Transportation equipment	77,249	14,988	12,135	2,034	82,136
Miscellaneous equipment	10,263,037	1,390,579	1,381,900	98,918	10,370,634
Construction in progress	357,919	435,853	314,250	1,135	480,657
Prepayment for equipment	40,407	255,633	231,860	15	64,195
<b>Total</b>	<b>\$ 57,003,054</b>	<b>2,471,156</b>	<b>2,129,052</b>	<b>220,773</b>	<b>57,565,931</b>

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Land	\$ 13,736,392	63,720	245,404	(10,746)	13,543,962
Buildings	32,943,569	659,167	614,141	(268,115)	32,720,480
Transportation equipment	66,991	31,771	16,046	(5,467)	77,249
Miscellaneous equipment	9,751,685	1,565,528	860,553	(193,623)	10,263,037
Construction in progress	358,124	337,138	325,009	(12,334)	357,919
Prepayment for equipment	6,599	145,375	111,360	(207)	40,407
<b>Total</b>	<b>\$ 56,863,360</b>	<b>2,802,699</b>	<b>2,172,513</b>	<b>(490,492)</b>	<b>57,003,054</b>

Changes in accumulated depreciation were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Buildings	\$ 9,013,835	1,121,567	160,258	88,904	10,064,048
Transportation equipment	33,875	14,009	9,624	860	39,120
Miscellaneous equipment	6,388,715	1,252,675	1,364,879	78,482	6,354,993
<b>Total</b>	<b>\$ 15,436,425</b>	<b>2,388,251</b>	<b>1,534,761</b>	<b>168,246</b>	<b>16,458,161</b>

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Buildings	\$ 8,108,960	1,405,997	351,585	(149,537)	9,013,835
Transportation equipment	32,866	14,254	10,470	(2,775)	33,875
Miscellaneous equipment	5,520,490	1,824,616	816,817	(139,574)	6,388,715
<b>Total</b>	<b>\$ 13,662,316</b>	<b>3,244,867</b>	<b>1,178,872</b>	<b>(291,886)</b>	<b>15,436,425</b>

Changes in accumulated impairment were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Land	\$ 41,383	-	-	-	41,383
Buildings	23,450	8,493	8,450	-	23,493
Transportation equipment	2	-	-	-	2
Miscellaneous equipment	1,913	639	1,215	(75)	1,262
<b>Total</b>	<b>\$ 66,748</b>	<b>9,132</b>	<b>9,665</b>	<b>(75)</b>	<b>66,140</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Land	\$ 41,383	-	-	-	41,383
Buildings	136,743	-	104,701	(8,592)	23,450
Transportation equipment	6	-	4	-	2
Miscellaneous equipment	22,227	-	18,506	(1,808)	1,913
Total	<u>\$ 200,359</u>	<u>-</u>	<u>123,211</u>	<u>(10,400)</u>	<u>66,748</u>

For the description of recognized changes in impairment losses of premises and equipment above, please refer to Note 6(n).

(p) Right-of-use assets

<u>December 31, 2022</u>	<u>Cost</u>	<u>Accumulated depreciation</u>	<u>Accumulated impairment</u>	<u>Net</u>
Superficies	\$ 9,914,850	1,038,234	-	8,876,616
Buildings	14,627,242	6,771,141	-	7,856,101
Transportation equipment	193,443	106,958	-	86,485
Miscellaneous equipment	1,337,515	995,708	-	341,807
Total	<u>\$ 26,073,050</u>	<u>8,912,041</u>	<u>-</u>	<u>17,161,009</u>

<u>December 31, 2021</u>	<u>Cost</u>	<u>Accumulated depreciation</u>	<u>Accumulated impairment</u>	<u>Net</u>
Superficies	\$ 9,690,150	776,136	-	8,914,014
Buildings	13,316,782	5,440,465	-	7,876,317
Transportation equipment	184,878	94,296	-	90,582
Miscellaneous equipment	1,017,762	812,866	-	204,896
Total	<u>\$ 24,209,572</u>	<u>7,123,763</u>	<u>-</u>	<u>17,085,809</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Changes in the cost were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Superficies	\$ 9,690,150	228,936	4,236	-	9,914,850
Buildings	13,316,782	2,343,114	1,238,988	206,334	14,627,242
Transportation equipment	184,878	51,380	48,371	5,556	193,443
Miscellaneous equipment	<u>1,017,762</u>	<u>350,347</u>	<u>6,738</u>	<u>(23,856)</u>	<u>1,337,515</u>
Total	<u>\$ 24,209,572</u>	<u>2,973,777</u>	<u>1,298,333</u>	<u>188,034</u>	<u>26,073,050</u>

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Superficies	\$ 9,685,207	4,943	-	-	9,690,150
Buildings	10,629,806	4,354,498	992,650	(674,872)	13,316,782
Transportation equipment	133,845	85,313	23,164	(11,116)	184,878
Miscellaneous equipment	<u>1,080,506</u>	<u>49,577</u>	<u>2,954</u>	<u>(109,367)</u>	<u>1,017,762</u>
Total	<u>\$ 21,529,364</u>	<u>4,494,331</u>	<u>1,018,768</u>	<u>(795,355)</u>	<u>24,209,572</u>

Changes in accumulated depreciation were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Superficies	\$ 776,136	266,334	4,236	-	1,038,234
Buildings	5,440,465	2,419,886	1,198,073	108,863	6,771,141
Transportation equipment	94,296	52,521	42,382	2,523	106,958
Miscellaneous equipment	<u>812,866</u>	<u>207,614</u>	<u>6,737</u>	<u>(18,035)</u>	<u>995,708</u>
Total	<u>\$ 7,123,763</u>	<u>2,946,355</u>	<u>1,251,428</u>	<u>93,351</u>	<u>8,912,041</u>

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Superficies	\$ 515,376	260,760	-	-	776,136
Buildings	3,924,830	2,591,220	789,473	(286,112)	5,440,465
Transportation equipment	59,668	67,172	31,764	(780)	94,296
Miscellaneous equipment	<u>741,632</u>	<u>155,975</u>	<u>2,954</u>	<u>(81,787)</u>	<u>812,866</u>
Total	<u>\$ 5,241,506</u>	<u>3,075,127</u>	<u>824,191</u>	<u>(368,679)</u>	<u>7,123,763</u>

Changes in accumulated impairment were as follows:

	<u>January 1, 2022</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2022</u>
Buildings	\$ -	<u>3,036</u>	<u>3,036</u>	-	-

	<u>January 1, 2021</u>	<u>Current increase</u>	<u>Current decrease</u>	<u>Others (exchange difference)</u>	<u>December 31, 2021</u>
Buildings	\$ 109,545	-	<u>101,225</u>	<u>(8,320)</u>	-

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

For the description of recognized changes in impairment losses of right-of-use assets above, please refer to Note 6(n).

In May 2006, the Bank acquired the superficieses of lots 43, 43-1, 45 and 45-1 of Jingmao Section, Nankang, Taipei, from Taiwan Fertilizer Co., Ltd. for 50 years through a public tender. The acquisition cost amounted to \$3,364,140 (including business tax and other related expenses of the superficieses). The rental is determined annually at the rate of 8% of the government assessed present value. Please refer to Note 8 for information on performance guarantee deposits.

(q) Intangible assets—net

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Goodwill	\$ 10,385,891	10,385,891
Computer software	6,149,445	5,580,451
Business rights	13,779,247	13,779,136
Others	<u>75,298</u>	<u>71,353</u>
Total	<b><u>\$ 30,389,881</u></b>	<b><u>29,816,831</u></b>

Goodwill of the Bank and subsidiaries was acquired from business combination.

The Bank merged LH Financial Group Public Company Limited and acquired business right, which was generated via obtaining the right of management in bank business regarding to its branches' channel. There are potential economic benefits arising from the business right, wherein the economic benefits were recognized in fair value on the acquisition date.

Changes in intangible assets were as follows:

	<b>January 1, 2022</b>	<b>Current increase</b>	<b>Current decrease</b>	<b>Others (exchange difference)</b>	<b>December 31, 2022</b>
Goodwill	\$ 10,385,891	-	-	-	10,385,891
Computer software	5,580,451	2,942,157	2,344,883	(28,280)	6,149,445
Business rights	13,779,136	-	-	111	13,779,247
Others	<u>71,353</u>	<u>-</u>	<u>1,078</u>	<u>5,023</u>	<u>75,298</u>
Total	<b><u>\$ 29,816,831</u></b>	<b><u>2,942,157</u></b>	<b><u>2,345,961</u></b>	<b><u>(23,146)</u></b>	<b><u>30,389,881</u></b>
	<b>January 1, 2021</b>	<b>Current increase</b>	<b>Current decrease</b>	<b>Others (exchange difference)</b>	<b>December 31, 2021</b>
Goodwill	\$ 10,385,891	-	-	-	10,385,891
Computer software	5,554,094	2,347,603	2,030,516	(290,730)	5,580,451
Business rights	-	13,779,136	-	-	13,779,136
Others	<u>-</u>	<u>72,305</u>	<u>176</u>	<u>(776)</u>	<u>71,353</u>
Total	<b><u>\$ 15,939,985</u></b>	<b><u>16,199,044</u></b>	<b><u>2,030,692</u></b>	<b><u>(291,506)</u></b>	<b><u>29,816,831</u></b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(r) Other assets — net

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Prepayments	\$ 12,630,342	12,372,335
Foreclosed properties received — net	1,216,451	1,113,229
Temporary payments	350,250	256,093
Refundable deposits — net	17,831,851	10,277,055
Cash surrender value of life insurance	2,004,957	1,760,310
Others	1,248,449	1,136,243
Total	<b>\$ 35,282,300</b>	<b>26,915,265</b>

(s) Deposits from Central Bank and other banks

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Deposits from Central Bank	\$ 1,096,177	496,318
Deposits from other banks	17,488,118	21,650,094
Deposits from post offices	122,353	137,359
Overdraft against other banks	239,873	5,530,178
Due to other banks	78,637,210	27,136,300
Total	<b>\$ 97,583,731</b>	<b>54,950,249</b>

(t) Due to Central Bank and other banks

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Financing from Central Bank-Others	\$ -	3,680,570
Financing from Central Bank	709,867	1,667,277
Financing from other banks	15,903,117	9,921,131
Total	<b>\$ 16,612,984</b>	<b>15,268,978</b>

Financing from Central Bank-Others:

The Bank applied for marginal loans from the Central Bank for providing loans to small and medium enterprises affected by Covid-19 pandemic.

Financing from Central Bank:

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(i) The Tokyo Star Bank, Ltd.

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Borrowings (JPY in thousands)	\$ -	115,020
Interest rate	-	0.16%
Maturity date	-	March 4, 2022
Interest payment	-	at the maturity date

(ii) LH Financial Group Public Company Limited

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Borrowings (THB in thousands)	\$ 798,500	1,975,440
Interest rate	0.01%	0.01%
Maturity date	December 13, 2027	December 24, 2026
Interest payment	at the maturity date	at the maturity date

Financing from other banks:

(i) PT Bank CTBC Indonesia

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Inter bank borrowings (IDR in thousands)	\$ -	213,787,500
Interest rate	-	0.49%
Maturity date	-	February 8, 2022

(ii) LH Financial Group Public Company Limited

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Inter bank borrowings (THB in thousands)	\$ 17,885,781	11,453,838
Interest rate	0.10~1.90%	0.01~0.95%
Maturity date	November 22, 2024	November 22, 2024

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(u) Securities sold under repurchase agreements

December 31, 2022				
Assets	Par value	Selling price (Note)	Designated repurchase amount	Designated repurchase date
Financial assets measured at fair value through profit or loss	\$ 19,359,000	19,340,314	19,359,000	Before January 30, 2023
Financial assets measured at fair value through other comprehensive income	31,409,325	27,547,333	27,785,592	Before February 16, 2023
Investment in debt instruments at amortized cost	137,553,219	87,004,496	87,615,861	Before February 23, 2023
Total	<b><u>\$ 188,321,544</u></b>	<b><u>133,892,143</u></b>	<b><u>134,760,453</u></b>	

Note: Recognized under securities sold under repurchase agreements.

December 31, 2021				
Assets	Par value	Selling price (Note)	Designated repurchase amount	Designated repurchase date
Financial assets measured at fair value through profit or loss	\$ 3,227,906	3,234,506	3,234,888	Before January 21, 2022
Financial assets measured at fair value through other comprehensive income	16,071,760	14,891,388	14,913,287	Before February 14, 2022
Investment in debt instruments at amortized cost	80,938,220	74,851,944	74,869,700	Before February 24, 2022
Total	<b><u>\$ 100,237,886</u></b>	<b><u>92,977,838</u></b>	<b><u>93,017,875</u></b>	

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(v) Payables

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Accounts payable	\$ 10,567,750	9,023,164
Accounts payable factoring	7,918,588	5,331,517
Accrued expenses	20,799,213	22,143,130
Interest payable	9,832,036	4,878,405
Acceptances payable	10,603,028	8,635,931
Collection payable	6,515,196	5,351,757
Miscellaneous lottery accounts payable	9,937,857	8,346,977
Other payables	<u>11,154,958</u>	<u>12,809,845</u>
Total	<b><u>\$ 87,328,626</u></b>	<b><u>76,520,726</u></b>

(w) Deposits and remittances

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
NTD deposits		
Checking accounts	\$ <u>12,986,660</u>	<u>12,468,528</u>
Demand deposits		
Demand deposits	354,622,506	354,449,622
Demand savings deposits	1,200,656,471	1,100,618,862
Public treasury deposits	<u>17,189,242</u>	<u>10,839,904</u>
Subtotal of demand deposits	<u>1,572,468,219</u>	<u>1,465,908,388</u>
Time deposits		
Time deposits	360,602,826	331,399,172
Time savings deposits	575,393,017	487,644,647
Negotiable certificates of deposits	719,700	998,100
Public treasury deposits	54,129,073	35,987,104
Others	<u>2,744,500</u>	<u>18,269,500</u>
Subtotal of time deposits	<u>993,589,116</u>	<u>874,298,523</u>
Subtotal of NTD deposits	<u>2,579,043,995</u>	<u>2,352,675,439</u>
Foreign currency deposits	2,033,427,140	1,758,004,761
Stored value cards	162	162
Remittances under custody	43,794	27,158
Remittances outstanding	<u>2,100,742</u>	<u>877,146</u>
Total	<b><u>\$ 4,614,615,833</u></b>	<b><u>4,111,584,666</u></b>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(x) Financial debentures

<b>Bonds</b>	<b>December 31, 2022</b>	<b>December 31, 2021</b>
2008-1	\$ 2,000,000	2,000,000
2014-1	20,000,000	20,000,000
2014-2	15,000,000	15,000,000
2015-2	12,000,000	12,000,000
2015-3	2,300,000	5,000,000
2018-1 (Note 2)	6,909,300	6,230,250
2020-1	1,000,000	1,000,000
2021-1 (Note 2)	4,299,120	3,876,600
2021-2	1,000,000	1,000,000
2021-3 (Note 2)	76,770	73,379
2022-1 (Note 2)	2,456,640	-
LHFG228A	-	415,000
LHFG223A	-	747,000
LHFG22DA	-	249,000
LHBANK315A	2,133,600	1,990,250
Unamortized discount	(1,716)	(3,974)
Less: Financial liability designated at fair value through profit or loss (Note 2)	(13,741,830)	(10,180,229)
<b>Total</b>	<b>\$ 55,431,884</b>	<b>59,397,276</b>

<b>Bonds</b>	<b>Terms of transactions</b>			<b>Bond issued Type</b>
	<b>Issue date</b>	<b>Maturity date</b>	<b>Interest rate</b>	
2008-1	04/10/2008	04/10/2023	3.49%	Unsecured subordinated financial debentures
2014-1	06/18/2014	N/A	A=3.70%, B=4.00%	Perpetual non accumulated subordinated financial debentures
2014-2	06/26/2014	06/26/2029	A=2.00%, B=The prime rate plus 0.45%. (Note 1)	Unsecured subordinated financial debentures
2015-2	06/10/2015	N/A	3.60%	Perpetual non accumulated subordinated financial debentures
2015-3	06/18/2015	06/18/2025	A=1.83%, B=2.00%, C=2.05%	Unsecured subordinated financial debentures
2018-1(Note 2)	03/29/2018	03/29/2048	0% (Note 2)	Unsecured financial debentures
2020-1	11/06/2020	11/06/2025	0.43%	Unsecured financial debentures
2021-1(Note 2)	04/27/2021	04/27/2051	0%(Note 2)	Unsecured financial debentures
2021-2	05/18/2021	05/18/2026	0.43%	Unsecured financial debentures
2021-3(Note 2)	08/30/2021	08/30/2026	Combination of fixed interest rate and structured interest rate (CMS Spread) (Note 2)	Unsecured financial debentures
2022-1(Note 2)	04/27/2022	04/27/2052	0%(Note 2)	Unsecured financial debentures

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Bonds	Terms of transactions			Bond issued Type
	Issue date	Maturity date	Interest rate	
LHFG228A	08/15/2019	08/15/2022	2.54%	Unsecured financial debentures
LHFG223A	03/31/2020	03/31/2022	2.05%	Unsecured financial debentures
LHFG22DA	12/28/2021	12/28/2022	1.45%	Unsecured financial debentures
LHBANK315A	05/21/2021	05/21/2031	3.75%	Unsecured subordinated financial debentures

Note 1: The prime rate is based on page code 6165 of Reuters, the fixed interest rate of 90-day CP/BA at 11:00 am on the interest reset date. If no quotation is available on page code 6165 of Reuters, no page is displayed, or no prime rate is retrievable from Reuters, the Bank would change the resource of the rate. The Bank would set the prime rate as Secondary Market Fixing Rate of 90-day TAIBIR 02 from the “TAIBIR Section” in the webpage of Taiwan Depository and Clearing Corporation.

Note 2: Financial debentures of 2018-1, 2021-1, 2021-3, and 2022-1 are recognized as financial liabilities designated at fair value through profit or loss. For more information, please refer to Note 6(c).

(y) Commercial paper payable-net

The information of commercial paper payable issued by the Bank and subsidiaries was as below:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Commercial paper payable	\$ 2,667,000	6,474,446
Less: Discount on commercial paper payable	(7,387)	(14,450)
Total	<b>\$ 2,659,613</b>	<b>6,459,996</b>
Rate range	1.60~2.2%	1.10~2.05%
Duration	January 20, 2022 ~ May 22, 2023	May 20, 2021 ~ May 19, 2022

(z) Other financial liabilities

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Structured products	\$ 50,565,469	33,670,254
Others	-	2,354
Total	<b>\$ 50,565,469</b>	<b>33,672,608</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(aa) Provisions

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Settlement compensation provision	\$ 150,137	87,806
Employee benefits provision	3,202,280	3,924,452
Guarantee reserve	769,199	933,025
Financing commitment provision	339,353	332,400
Other provisions	<u>353,303</u>	<u>378,912</u>
Total	<u><u>\$ 4,814,272</u></u>	<u><u>5,656,595</u></u>

(ab) Other liabilities

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Amount received in advance	\$ 1,021,838	702,165
Payable in custody	150,246	543,937
Deferred income	2,426,307	2,415,216
Guarantee deposits received	10,328,536	5,628,540
Temporary receipt	2,084,549	1,565,840
Others	<u>278,823</u>	<u>86,491</u>
Total	<u><u>\$ 16,290,299</u></u>	<u><u>10,942,189</u></u>

(ac) Lease liabilities

	<b>Summary</b>	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Superficies	Superficies	\$ 6,994,246	6,876,024
Buildings	Leased Buildings	8,137,175	8,097,371
Transportation equipment	Leased official cars	91,119	94,951
Miscellaneous equipment	Leased office equipment	<u>347,992</u>	<u>211,110</u>
Total		<u><u>\$ 15,570,532</u></u>	<u><u>15,279,456</u></u>

A few real estates include lease extension options to extend the lease while some of them are not reasonably assured that options will be exercised, so the measurement of lease liabilities did not reflect the terms.

Maturity analysis of lease liabilities (undiscounted) for the Bank and subsidiaries was as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Less than one year	\$ 2,682,377	2,734,981
Between one and five years	6,700,278	6,709,604
More than five years	<u>10,945,411</u>	<u>11,093,833</u>
Total	<u><u>\$ 20,328,066</u></u>	<u><u>20,538,418</u></u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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For the years ended December 31, 2022 and 2021, the total cash outflows of leases were \$3,547,309 and \$4,252,679, respectively.

(ad) Employee benefits

(i) Defined contribution plan

The Bank's defined contribution plan follows the Labor Pension Act of the R.O.C. and makes monthly cash contributions to the employees' individual pension accounts at the Bureau of Labor Insurance at the rate of 6% of the employees' monthly salary. Under this plan, the Bank has no legal or constructive obligation to make other payments after the Bank makes the fixed amount of contribution to the Bureau of Labor Insurance.

For the years ended December 31, 2022 and 2021, the pension expense under defined contribution plan of the Bank and subsidiaries amounted to \$784,300 and \$753,716, respectively, and were contributed to the Bureau of Labor Insurance or labor agencies designated by local authorities in the case of overseas units.

(ii) Employee benefits provision

Employee benefits provisions recognized by the Bank in the balance sheet were as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Defined benefits plan	\$ 1,911,609	2,720,101
Retiree deposits with favorable rates and other post-employment benefits	537,533	522,653
Total	<b>\$ 2,449,142</b>	<b>3,242,754</b>

1) Defined benefits plan

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Present value of defined benefits obligation	\$ 7,559,338	8,138,228
Fair value of plan assets	(5,647,729)	(5,418,127)
Net defined benefit liability	<b>\$ 1,911,609</b>	<b>2,720,101</b>

The Bank's defined benefits plan contributes to designated depository account with Bank of Taiwan. Payments of pension benefits to employees who are covered by the Labor Standards Act are calculated based on the employee's average monthly salary for the last 6 months prior to approved retirement and base point (b.p.) entitlement based on years of service.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

a) Composition of plan assets

The Bank's labor pension fund contributed in compliance with Labor Standard Act is managed by Bureau of Labor Funds, Ministry of Labor. According to Regulations for Revenues, Expenditures Safeguard and Utilization of the Labor Retirement Fund with regard to the utilization of the Fund, its minimum earnings in the annual distributions on the final financial statement shall be no less than the earnings attainable from the amounts accrued from two-year time deposits with the interest rates offered by local banks. Please refer to the website of Bureau of Labor Funds, Ministry of Labor for information on labor pension fund assets utilization including earning rate and fund assets allocation.

b) Movements in present value of the defined benefits obligation

The movements in present value of defined benefits obligation for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Defined benefits obligation at January 1	\$ 8,138,228	7,993,197
Current service costs and interest	136,940	84,378
Remeasurements of net defined benefit liability		
Actuarial gains and losses arising from changes in demographic assumptions	38,955	88,155
Actuarial gains and losses arising from changes in financial assumption	(209,633)	(96,018)
Actuarial gains and losses arising from experience adjustments	91,064	569,463
Benefits paid by the plan	<u>(636,216)</u>	<u>(500,947)</u>
Defined benefits obligation at December 31	<u><b>\$ 7,559,338</b></u>	<u><b>8,138,228</b></u>

c) Movements in fair value of defined benefit plan assets

The movements in fair value of the defined benefit plan assets for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Fair value of plan assets at January 1	\$ 5,418,127	5,435,145
Interest income	27,603	13,588
Remeasurements of net defined benefit liability		
Return on plan assets (exclude current interest)	320,267	208,802
Contribution plans made	517,948	261,539
Benefits paid by the plan	<u>(636,216)</u>	<u>(500,947)</u>
Fair value of plan assets at December 31	<u><b>\$ 5,647,729</b></u>	<u><b>5,418,127</b></u>

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

d) Expense recognized in profit or loss

The expenses recognized in profit or loss for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Current service costs	\$ 96,249	64,395
Net interest of net defined benefit liability	13,088	6,395
Total	<b>\$ 109,337</b>	<b>70,790</b>

e) Net remeasurement of defined benefit liability recognized in other comprehensive income

The net remeasurement of defined benefit liability recognized in other comprehensive income for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Cumulative amount at January 1	\$ (1,215,905)	(863,107)
Recognized during the period	399,881	(352,798)
Cumulative amount at December 31	<b>\$ (816,024)</b>	<b>(1,215,905)</b>

f) Primary actuarial assumptions

The following were the primary actuarial assumptions at the reporting date:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Discount rate	1.125 %	0.500 %
Increasing rate of future compensation levels	3.000 %	3.000 %

The Bank expected \$95,399 in contributions to be paid to defined benefit plans within a year after report date of 2022.

Weighted average duration base on defined benefits plan was 4.1 years.

g) Sensitivity analysis

When adopted primary actuarial assumption changes, the effects of present value of the benefits obligation as at December 31, 2022 and 2021 were as follows:

	<b>Present value of the benefits obligation effects</b>	
	<b>Increase 0.25%</b>	<b>Decrease 0.25%</b>
December 31, 2022		
Discount rate	\$ (80,884)	82,620
Increasing rate of future compensation levels	72,684	(71,527)

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	<b>Present value of the benefits obligation effects</b>	
	<b><u>Increase 0.25%</u></b>	<b><u>Decrease 0.25%</u></b>
December 31, 2021		
Discount rate	\$ (94,699)	96,832
Increasing rate of future compensation levels	85,257	(83,833)

The sensitivity analysis above analyzing the effects of changes in single assumptions is based on other assumptions remain unchanged. In practice, changes in many assumptions may link together. Sensitivity analysis and net pension liability of balance sheet were calculated under the same approach.

The methodology for sensitivity analysis and assumptions adopted are the same as last year.

2) Retiree deposits with favorable rates and other post-employment benefits

The reconciliations between present value of the Bank's defined benefits obligation and fair value of plan assets were as follows:

	<b><u>December 31, 2022</u></b>	<b><u>December 31, 2021</u></b>
Present value of defined benefits obligation	\$ 537,533	522,653
Fair value of plan assets	-	-
Net defined benefit liability	<b><u>\$ 537,533</u></b>	<b><u>522,653</u></b>

The Bank's obligation to grant retirees, including current employees retiring in the future, fixed-amount deposits with favorable rates is based on the Bank's Regulations for Subsidizing the Retiree Benefits.

a) Movements in value of the defined benefits obligation

The movements in present value of defined benefits obligation for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b><u>For the years ended December 31</u></b>	
	<b><u>2022</u></b>	<b><u>2021</u></b>
Defined benefits obligation at January 1	\$ 522,653	518,447
Current service costs and interest	21,247	20,748
Past service costs	27,990	26,720
Remeasurements of net defined benefit liability		
Actuarial gains and losses arising from changes in demographic assumptions	-	3,810
Actuarial gains and losses arising from changes in financial assumptions	(38,970)	(2,656)
Actuarial gains and losses arising from experience adjustments	33,476	(20,854)
Benefits paid by the plan	(28,863)	(23,562)
Defined benefits obligation at December 31	<b><u>\$ 537,533</u></b>	<b><u>522,653</u></b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

b) Expense recognized in profit or loss

The expense recognized in profit or loss for the Bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Past service costs	\$ 27,990	26,720
Current service costs	11,385	10,659
Net interest of net defined benefit liability	9,862	10,089
Total	<b>\$ 49,237</b>	<b>47,468</b>

c) Net remeasurement of defined benefit liability recognized in other comprehensive income

The net remeasurement of defined benefit liability recognized in other comprehensive income for the bank for the years ended December 31, 2022 and 2021 were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Cumulative amount at January 1	\$ (51,568)	(71,268)
Recognized during the period	5,494	19,700
Cumulative amount at December 31	<b>\$ (46,074)</b>	<b>(51,568)</b>

d) Primary actuarial assumptions

	<b>December 31, 2022</b>		<b>December 31, 2021</b>	
	<b>Favorable rates for employee deposits</b>	<b>Other post- employment benefits</b>	<b>Favorable rates for employee deposits</b>	<b>Other post- employment benefits</b>
Discount rate	4.00 %	1.625~1.750%	4.00 %	0.5%~0.625%
Expected rate of return on deposited fund	2.00 %	-	2.00 %	-
Withdrawal rate of retirement favorable deposit/utilization rate on subsidy for health examination and social networking	2.00 %	31~79%	2.00 %	31~66%
Probability of future changes in favorable rates deposits scheme	50.00 %	-	50.00 %	-

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

e) Sensitivity analysis

When adopted primary actuarial assumption changes, the effects of present value of the benefits obligation as at December 31, 2022 and 2021 were as follows:

<b>Favorable rates for employee deposits</b>	<b>Present value of the benefits obligation effects</b>	
	<b>Increase 0.25%</b>	<b>Decrease 0.25%</b>
December 31, 2022		
Discount rate	\$ (6,880)	7,195
Withdrawal rate of retirement favorable deposit	(7,310)	7,626
December 31, 2021		
Discount rate	(5,687)	5,946
Withdrawal rate of retirement favorable deposit	(6,042)	6,302
<b>Other post- employment benefits</b>		
	<b>Present value of the benefits obligation effects</b>	
	<b>Increase 0.25%</b>	<b>Decrease 0.25%</b>
December 31, 2022		
Discount rate	\$ (9,004)	9,516
December 31, 2021		
Discount rate	(11,189)	11,886

The sensitivity analysis above analyzing the effects of changes in single assumptions is based on other assumptions remain unchanged. In practice, changes in many assumptions may link together. Sensitivity analysis and net pension liability of balance sheet were calculated under the same approach.

The methodology for sensitivity analysis and assumptions adopted are the same as last year.

3) Defined benefits plan of overseas branches and subsidiaries

Defined benefits plan of overseas branches and subsidiaries recognized in consolidated balance sheets was as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Defined benefits plan	\$ 753,138	681,698

For the years ended December 31, 2022 and 2021, expenses recognized by overseas branches and subsidiaries in profit and loss amounted to \$252,150 and \$161,376, respectively.

For the years ended December 31, 2022 and 2021, other comprehensive income recognized by overseas subsidiaries in actuarial profit and loss amounted to \$3,236 and \$43,061, respectively.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ae) Income tax

(i) Income tax

For the years ended December 31, 2022 and 2021, the income tax expenses (benefits) and related accounts were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Current income tax expenses	\$ 7,406,780	8,689,120
Deferred income tax expenses (benefits)	1,551,861	(3,305,079)
Income tax expenses	<b>\$ 8,958,641</b>	<b>5,384,041</b>

For the years ended December 31, 2022 and 2021, the income tax expenses (benefits) recognized under other comprehensive income were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Items that will not be reclassified subsequently to profit or loss:		
Remeasurement losses related to defined benefit plans	\$ 81,205	(51,463)
Proportionate share of other comprehensive income from associates or joint ventures under the equity method	259	3,343
Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	465,849	6,660
Equity investments measured at fair value through other comprehensive income	(98,296)	-
Total	<b>\$ 449,017</b>	<b>(41,460)</b>
Items that are or may be reclassified subsequently to profit or loss:		
Exchange differences of overseas subsidiaries' financial reports translation	\$ 207,764	(1,040,597)
Losses on valuation of debt instrument measured at fair value through other comprehensive income	(439,054)	(20,881)
Proportionate share of other comprehensive losses from associates or joint ventures under the equity method	-	(3)
Total	<b>\$ (231,290)</b>	<b>(1,061,481)</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

The reconciliations of income tax expenses and net income before tax were as follows:

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Net income before income tax	\$ 47,437,605	34,972,974
Straight income tax	10,416,646	7,719,472
Investment tax credit	(182,543)	(144,985)
Effects of foreign and domestic tax rate spread	177,861	(104,494)
Tax-exempt income	(1,544,869)	(1,980,200)
Adjustments of prior year's income tax	(168,937)	(59,511)
10% surtax on undistributed earnings	-	122
Effects of change in tax rate	(8,399)	-
Others	268,882	(46,363)
Income tax expense	<u>\$ 8,958,641</u>	<u>5,384,041</u>

(ii) Deferred tax assets and liabilities

1) Unrecognized deferred tax assets and liabilities

As of December 31, 2022 and 2021, the unrecognized deferred income tax assets of the Bank and subsidiaries are as below:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Tax effect of deductible temporary differences	\$ 1,486,007	606,077
The carryforward of unused tax losses	98,884	81,756
Total	<u>\$ 1,584,891</u>	<u>687,833</u>

Tax losses are calculated based on the provisions of local Income Tax Act of the Subsidiaries. The net losses are allowed, as assessed by local tax authorities, to offset taxable income over a period of five years. These losses are not recognized as deferred income tax assets because it is not probable that the subsidiaries will have sufficient taxable income in the future to use the temporary difference.

As of December 31, 2022, the information of the Bank and subsidiaries' unused tax losses for which no deferred tax assets were recognized are as follows:

<b>Year of loss</b>	<b>Unused tax losses</b>	<b>Expiry date</b>
2017	\$ 264	2022
2018	267	2023
2019	250	2024
2020	203,250	2025
2021	197,522	2026
2022	92,867	2027
	<u>\$ 494,420</u>	

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

2) Recognized deferred tax assets and liabilities

The movements of deferred tax assets and liabilities for the years ended December 31, 2022 and 2021 were as follows:

	For the year ended December 31, 2022				<u>Ending Balance</u>
	<u>Beginning Balance</u>	<u>Recognize in profit and loss</u>	<u>Recognize in other comprehensive income</u>	<u>Others</u>	
Proportion of gains recognized from the investments in associates and joint ventures under equity method	\$ (1,207,916)	(555,238)	-	-	(1,763,154)
Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	11,413	-	(465,849)	-	(454,436)
Unrealized losses (gains) on foreign exchange and derivative financial instruments	60,139	(262,137)	-	40	(201,958)
Allowance for credit losses	3,856,361	(121,990)	-	(3,124)	3,731,247
Impairment losses on assets	29,501	(1,212)	-	(688)	27,601
Employee benefits liability	500,369	(68,952)	-	2,868	434,285
Settlement compensation provision	17,561	(591)	-	-	16,970
Guarantee reserve	114,034	(41,897)	-	5,423	77,560
Exchange differences of overseas subsidiaries' financial reports translation	2,333,306	-	(207,764)	-	2,125,542
Defined benefit plan actuarial gains and losses	238,918	3,622	(81,205)	10,269	171,604
Loss carryforward and others	1,141,731	86,558	-	290,982	1,519,271
Unrealized losses (gains) on financial assets measured at fair value through other comprehensive income	364,895	(5,068)	537,350	19,341	916,518
Unrealized re-evaluation of financial bonds	60,831	(611,682)	-	-	(550,851)
Deferred fee income	541,019	26,726	-	(1,745)	566,000
<b>Deferred tax assets (liabilities)-net</b>	<b>\$ 8,062,162</b>	<b>(1,551,861)</b>	<b>(217,468)</b>	<b>323,366</b>	<b>6,616,199</b>
Information disclosed in balance sheet:					
Deferred income tax assets	\$ 10,241,692				10,472,858
Deferred income tax liabilities	(2,179,530)				(3,856,659)
Total	<b>\$ 8,062,162</b>				<b>6,616,199</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	For the year ended December 31, 2021				
	Beginning Balance	Recognize in profit and loss	Recognize in other comprehensive income	Others	Ending Balance
Proportion of gains recognized from the investments in associates and joint ventures under equity method	\$ (966,751)	(241,165)	-	-	(1,207,916)
Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	18,073	-	(6,660)	-	11,413
Unrealized (gains) losses on foreign exchange and derivative financial instruments	(3,257,241)	3,316,566	-	814	60,139
Allowance for credit losses	3,462,228	198,742	-	195,391	3,856,361
Impairment losses on assets	63,813	(29,400)	-	(4,912)	29,501
Employee benefits liability	485,950	(33,313)	-	47,732	500,369
Settlement compensation provision	17,646	(85)	-	-	17,561
Guarantee reserve	107,763	6,271	-	-	114,034
Exchange differences of overseas subsidiaries' financial reports translation	1,292,709	-	1,040,597	-	2,333,306
Defined benefit plan actuarial gains and losses	172,298	-	51,463	15,157	238,918
Loss carryforward and others	<u>1,553,252</u>	<u>87,463</u>	<u>20,881</u>	<u>446,880</u>	<u>2,108,476</u>
<b>Deferred tax assets (liabilities)-net</b>	<b><u>\$ 2,949,740</u></b>	<b><u>3,305,079</u></b>	<b><u>1,106,281</u></b>	<b><u>701,062</u></b>	<b><u>8,062,162</u></b>
Information disclosed in balance sheet:					
Deferred income tax assets	\$ 7,748,861				10,241,692
Deferred income tax liabilities	<u>(4,799,121)</u>				<u>(2,179,530)</u>
Total	<b><u>\$ 2,949,740</u></b>				<b><u>8,062,162</u></b>

(iii) Uncertainty over income tax treatments

For all the Bank's and subsidiaries' income tax return which have already returned but have not assessed, the Bank and subsidiaries evaluate some related factors, such as relevant interpretations letter and previous experience, and consider it has already estimated enough income tax liabilities.

(iv) The Bank's income tax returns assessed and administrative remedies filed were as below:

The Bank has complied with collection authority to assess income tax return until the fiscal year of 2017.

Year	Recheck
2016	Other losses

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(af) Capital stock, capital surplus, and other equity interest

(i) Capital stock

As of December 31, 2022, the Bank's authorized capital was \$150,000,000, representing 15,000,000 thousand common shares with par value at NTD 10 per share, and paid in capital for common stock was \$147,962,186, with 14,796,218 thousand common shares issued.

(ii) Capital surplus

The components and sources of capital surplus were as follows:

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Additional paid-in capital-stock	\$ 29,793,064	29,793,064
Share based payment transactions-Equity settled	64,242	-
Others	<u>15,107</u>	<u>15,107</u>
Total	<u><b>\$ 29,872,413</b></u>	<u><b>29,808,171</b></u>

In compliance with the Company Act, capital surplus can only be used to offset a deficit when surplus reserve is not sufficient to offset losses or to be distributed by issuing new shares or by cash pursuant to a resolution to be adopted by a shareholders' meeting as required in Article 241, Paragraph 1 of the Company Act. Furthermore, according to Article 72-1, Paragraph 1 of the Regulations Governing the Offering and Issuance of Securities by Securities Issuers, the amount of capital surplus to be used to increase capital shall not exceed 10% of total paid-in capital. The capital surplus arising from a capital increase can be capitalized only in the following fiscal year after being registered by the Bank with the competent authority for approval.

Equity-based share-based payment is to award the employees the Bank and subsidiaries who meet performance criteria with restricted rights to receive new shares issued by CTBC Financial Holdings, the parent company of the Bank and subsidiaries. The nature of transaction is the capital investment of the parent company to the Bank, and the salary expenses and capital surplus are recognized during the vesting period.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(iii) Other equity interest

Changes in the Bank and subsidiaries' other equity interest were as below:

	Exchange differences of overseas subsidiaries' financial reports translation	Unrealized gains (losses) from financial assets measured at fair value through other comprehensive income	Changes in financial liabilities designated at fair value through profit or loss attributable to credit risk	Total
January 1, 2022	\$ (16,570,637)	1,688,088	(45,651)	(14,928,200)
Translation difference of exchange differences of overseas subsidiaries' net assets	5,388,745	-	-	5,388,745
Losses on designated as hedging instruments in a hedge of the net investments in overseas subsidiaries	(675,993)	-	-	(675,993)
Proportionate share of other comprehensive losses from associates under equity method	-	(536,584)	-	(536,584)
Unrealized gains or losses from financial assets measured at fair value through other comprehensive income	-	(12,163,540)	-	(12,163,540)
Cumulative gains reclassified to profit or loss on disposal of investments in debt instrument at fair value through other comprehensive income	-	1,588,671	-	1,588,671
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	29,588	-	29,588
Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	-	-	1,863,393	1,863,393
December 31, 2022	<u>\$ (11,857,885)</u>	<u>(9,393,777)</u>	<u>1,817,742</u>	<u>(19,433,920)</u>
January 1, 2021	\$ (10,256,851)	3,938,564	(72,291)	(6,390,578)
Translation difference of exchange differences of overseas subsidiaries' net assets	(7,452,509)	-	-	(7,452,509)
Gains on designated as hedging instruments in a hedge of the net investments in overseas subsidiaries	1,724,743	-	-	1,724,743
Proportionate share of other comprehensive losses from associates under equity method	-	(137,787)	-	(137,787)
Unrealized gains or losses from financial assets measured at fair value through other comprehensive income	-	(441,924)	-	(441,924)
Cumulative losses reclassified to profit or loss on disposal of investments in debt instrument at fair value through other comprehensive income	-	(1,094,931)	-	(1,094,931)
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	(1,835,634)	-	(1,835,634)
Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	-	-	26,640	26,640
Others	(586,020)	1,259,800	-	673,780
December 31, 2021	<u>\$ (16,570,637)</u>	<u>1,688,088</u>	<u>(45,651)</u>	<u>(14,928,200)</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ag) Earnings distribution and dividend policy

As a subsidiary of CTBC Financial Holding Co., Ltd., the Bank is required to fulfill the operating fund demands of the parent company and to maintain its own capital adequacy ratio. Therefore, common stock dividends and bonuses are generally distributed as cash dividends. The Bank adopts a constant and balanced dividend policy through annual common stock dividends and distribution of bonuses.

The above-mentioned methodology is merely a guideline used to select an appropriate dividend policy. In consideration of current operations and capital budget planning for the next year, an appropriate dividend distribution ratio is selected.

Annual earnings, if any, are used to pay taxes, to make certain adjustments in accordance with financial accounting standards, and to offset cumulative losses. Then 30% of the remaining earnings are appropriated as legal reserve and set provision for or reversal of special reserve according to the regulations. Subsequent to all appropriations aforesaid, the remaining balance and the undistributed earnings at the beginning period should report to the Board of Directors for the discussion of dividend distribution ahead of seeking approval from shareholders. Before the legal reserve balance reaches an amount equal to total paid in capital, cash dividends are limited to 15% of total paid in capital. When the legal reserve balance reaches an amount equal to total paid in capital, or satisfies the Article 50, paragraph 2 of the Banking Law, if the Bank is sound in both its finance and business operations and has set aside legal reserve in compliance with the Company Act, the restrictions stipulated in the preceding paragraph shall not apply.

A resolution on 2021 earnings distribution of the Bank was approved by the Board of Directors, on behalf of shareholders' meeting on May 24, 2022, and cash dividend amounting to \$12,137,190 was distributed.

A resolution on 2020 earnings distribution of the Bank was approved by the Board of Directors, on behalf of shareholders' meeting on May 21, 2021, and cash dividend amounting to \$16,790,748 and stock dividend amounting to were distributed.

Relevant information approved by the Board of Directors on behalf of shareholders' meeting is available on Market Observation Post System or other sites.

(ah) Share based payment transactions

For the years ended December 31, 2022 and 2021, the Bank and subsidiaries had set out the measurement principles and specific requirements for the share-based payment transactions as below:

	<b>Management stock appreciation rights plan for the years</b>		
	<b>2018</b>	<b>2019</b>	<b>2020</b>
Grant date	01.31.2019	01.21.2020	02.05.2021
Grant number	239,855	266,154	205,432
Exercise period	12.31.2021	12.31.2022	12.31.2023
Exercise price (in dollars)	20.24	22.44	19.35

The Bank and subsidiaries implement the above plan via cash settlements, yet absentee and resigned employees' stock appreciation rights will be deemed abandoned and forfeited.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Disclosures for the Bank and subsidiaries' Employee Stock Appreciation Rights Plan (SARs):

	<b>For the year ended December 31, 2022</b>			
	<b>Management stock appreciation rights plan for the years</b>			
	<b>2019</b>		<b>2020</b>	
	<b>Number</b>	<b>Weighted-average exercise price</b>	<b>Number</b>	<b>Weighted-average exercise price</b>
Outstanding at the beginning of the period	283,985	19.30	214,925	17.47
Granted during the period	16,664	19.30	12,413	17.47
Forfeited during the period	19,236	19.30	1,743	17.47
Exercised during the period	281,413	19.30	672	17.47
Expired during the period	-	19.30	-	17.47
Outstanding at the end of the period	-	19.30	224,923	17.47
Exercisable at the end of the period	-	19.30	-	17.47

	<b>For the year ended December 31, 2021</b>					
	<b>Management stock appreciation rights plan for the years</b>					
	<b>2018</b>	<b>2019</b>		<b>2020</b>		
	<b>Number</b>	<b>Weighted-average exercise price</b>	<b>Number</b>	<b>Weighted-average exercise price</b>	<b>Number</b>	<b>Weighted-average exercise price</b>
Outstanding at the beginning of the period	254,094	17.53	273,399	20.38	205,432	18.46
Granted during the period	12,990	17.53	13,078	20.38	11,907	18.46
Forfeited during the period	13,248	17.53	-	20.38	2,009	18.46
Exercised during the period	253,836	17.53	2,492	20.38	405	18.46
Expired during the period	-	17.53	-	20.38	-	18.46
Outstanding at the end of the period	-	17.53	283,985	20.38	214,925	18.46
Exercisable at the end of the period	-	17.53	-	20.38	-	18.46

For the year ended December 31, 2022, the weighted-average stock prices executed under SARs for 2019 and 2020 were \$23.06 and \$26.96 (in dollars), respectively.

As of December 31, 2022, the weighted average remaining durations of outstanding shares under SARs for 2020 was 1 year.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ai) EPS

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Net income attributable to common stockholders	\$ 37,141,880	29,795,568
Weighted-average outstanding shares of common stock (in thousands)	14,796,218	14,796,218
Basic EPS (in dollars)	\$ 2.51	2.01

(aj) Net interest income

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
<b><u>Interest income</u></b>		
Loan	\$ 78,774,161	55,125,773
Revolving credit	2,838,085	2,787,422
Securities	17,337,165	12,698,424
Due from Central Bank	1,754,605	370,933
Due from banks and call loans to banks	3,903,268	577,904
Others	1,280,708	608,704
Subtotal	105,887,992	72,169,160
<b><u>Interest expense</u></b>		
Deposits	24,530,519	10,317,800
Due to other banks	841,967	294,464
Borrowings and other financing	4,346,283	2,042,793
Lease liabilities	441,907	409,055
Others	641,353	136,309
Subtotal	30,802,029	13,200,421
Net interest income	\$ 75,085,963	58,968,739

Interest income and expense from financial assets and liabilities measured at fair value through profit or loss are excluded.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ak) Service fee and commission income

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
<b><u>Commission income</u></b>		
Credit card business	\$ 5,884,124	5,048,416
Wealth management business	16,615,592	21,256,693
Credit business	3,062,297	2,391,730
Lottery business	5,509,049	5,459,723
Others	<u>7,818,530</u>	<u>7,145,749</u>
Subtotal of commission income	<u>38,889,592</u>	<u>41,302,311</u>
<b><u>Service fee</u></b>		
Credit card business	695,425	527,579
Wealth management business	340,664	350,422
Others	<u>3,105,339</u>	<u>2,801,502</u>
Subtotal of service fee	<u>4,141,428</u>	<u>3,679,503</u>
Service fee and commission income	<b><u>\$ 34,748,164</u></b>	<b><u>37,622,808</u></b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(al) Gains and losses on financial assets or liabilities measured at fair value through profit or loss

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
<b><u>Disposal gains (losses)</u></b>		
Commercial paper	\$ 1,964	190
Treasury bills	50	125
Government bonds	(308,892)	(40,794)
Corporate bonds	(268,451)	34,204
Financial debentures	123,101	271,353
Convertible bonds	1,146	6,116
Beneficiary certificates	184,097	141,011
Negotiable certificates of deposits	5,736	4,362
Stocks	(890,558)	43,559
Other securities and bonds	32	1,089
Derivative financial instruments	<u>2,098,784</u>	<u>16,629,609</u>
Subtotal	<u>947,009</u>	<u>17,090,824</u>
<b><u>Valuation gains (losses)</u></b>		
Commercial paper	44,204	12,652
Treasury bills	-	(8)
Government bonds	40,732	(46,498)
Corporate bonds	25,137	(76,035)
Financial debentures	3,009,012	314,585
Convertible bonds	(111,912)	(378,089)
Beneficiary certificates	540	(62,026)
Negotiable certificates of deposits	1,560	67
Assets-backed commercial paper	9	6
Stocks	5,409	(19,179)
Derivative financial instruments	<u>2,655,738</u>	<u>(15,785,047)</u>
Subtotal	<u>5,670,429</u>	<u>(16,039,572)</u>
<b><u>Dividend income</u></b>	94,922	43,958
<b><u>Interest income</u></b>	1,443,782	782,365
<b><u>Interest expense</u></b>	<u>(556,498)</u>	<u>(423,926)</u>
Total	<u>\$ 7,599,644</u>	<u>1,453,649</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(am) Employee benefits expenses

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Salary expenses	\$ 28,810,415	27,487,995
Insurance expenses	2,072,880	1,965,501
Share based payment transactions-Cash-settled	(442,069)	3,704,742
Share based payment transactions-Equity-settled	64,242	-
Retirement expenses		
Defined contribution plan	784,300	753,716
Defined benefits plan	405,107	278,692
Other personnel expenses	1,070,430	1,063,699
Total	<b>\$ 32,765,305</b>	<b>35,254,345</b>

For the years ended December 31, 2022 and 2021, the numbers of the Bank and subsidiaries' employees were 17,767 and 15,922, respectively.

The Bank and subsidiaries recognized the changes in the fair value of share-based payments in profit or loss over the vesting period. For the year ended December 31, 2022, the share-based payments expenses were reversed due to the changes in fair value.

(an) Depreciation and amortization expenses

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Housing	\$ 1,114,313	1,111,619
General equipment	444,517	454,379
Transportation equipment	14,009	11,588
Information equipment	808,158	763,285
Subtotal of depreciation expenses	2,380,997	2,340,871
Superficies	266,334	260,760
Buildings	2,419,886	2,276,010
Transportation equipment	52,521	44,454
Miscellaneous equipment	207,614	155,975
Subtotal of depreciation expenses for right-of-use assets	2,946,355	2,737,199
Amortization of information software	1,695,188	1,547,475
Other deferred expenses	1,078	-
Subtotal of amortization	1,696,266	1,547,475
Total	<b>\$ 7,023,618</b>	<b>6,625,545</b>

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ao) Compensations of employees

Annual earnings, if any, should be appropriated 0.05% as compensations of employees. However, if there is any cumulative loss, the Bank should offset cumulative losses in priority. Compensations of employees which are recognized as current period operating expenses based on the Bank's net income before tax excluding the amount of the compensations of employees at the end of the accounting period multiplied by the estimate of remuneration distribution set by the Bank's articles of incorporation. The estimated compensations of employees for the years ended December 31, 2022 and 2021 were \$22,205 and \$17,202, respectively. The actual compensations of employee of 2021 and 2020 amounted to \$17,202 and \$15,963 with no difference from the amount recognized in the annual financial report. Relevant information is available on Market Observation Post System.

(ap) Other general and administrative expenses

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Site usage and general equipment expenses	\$ 2,321,414	1,799,468
Information equipment expenses	2,830,316	2,642,683
General administration expenses	4,615,629	4,269,536
Marketing and promotion expenses	3,018,543	2,373,971
Other expenses	6,411,053	5,639,021
Business tax	4,165,285	3,465,301
<b>Total</b>	<b>\$ 23,362,240</b>	<b>20,189,980</b>

The total amount of rent expenses of exemption for short-term lease contracts and low value assets of the Bank and subsidiaries for the years ended December 31, 2022 and 2021 were \$466,946 and \$438,426, respectively.

(aq) Financial instruments

(i) Methods and assumptions used by the Bank and subsidiaries for fair value evaluation of financial instruments were as follows:

- 1) Fair value of short-term financial instruments is estimated by their book value on the balance sheet date. Since these instruments have short maturities, the book value is adopted as a reasonable basis in estimating the fair value. The method is applied to cash and cash equivalents, due from Central Bank and call loans to banks, securities purchased under resell agreements, receivables, other financial assets, deposits from Central Bank and other banks, due to Central Bank and other banks, securities sold under repurchase agreements, payables, remittances, and other financial liabilities.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- 2) If there is a quoted price in an active market for the financial asset, including financial instruments measured at fair value through profit or loss, financial assets measured at fair value through other comprehensive income, financial assets measured at amortized cost and financial instruments-hedging, the quoted price is regarded as its fair value. If there is no quoted price in an active market for the financial asset, its fair value is estimated on the basis of the result of a valuation technique that refers to quoted prices provided by financial institutions. The estimates, hypotheses and discount rates for valuation referring to quoted prices, from financial institutions, of financial instruments have substantially the same terms and characteristics, including the credit quality of debtors, the remaining term over which the contractual interest rate is fixed, the remaining term to repayment of the principal, and the currency in which the payments are to be made. Fair value for an equity investment is determined based on either the price calculated using a valuation technique or its book value.
- 3) Loans and deposits are both classified as interest-bearing financial assets; therefore, the book value of financial assets is equivalent to their fair value. The net book value of the non-accrual account, after deducting provision for credit loss, is adopted as the fair value.
- 4) Fair value of long-term liabilities is estimated by the present value of expected future cash flows. The discount rate is based on rates of equivalent loans available elsewhere; that is, loans with similar maturity date and terms (close to the maturity date).
- 5) Derivatives usually adopt mark-to-model prices. The Discounted-Cash-Flow method is adopted for non-option derivatives, and the Black-Scholes Model is adopted for most options.
- 6) The exchange price is used for financial instruments traded on an exchange. Over the counter (OTC) positions use independent price/parameter quotes by reliable brokers or data vendors, such as Reuters, Bloomberg, etc. In general, the closing price, settlement price, mid-price at a fixed cut-off time, and the average price of several independent brokers could be used as market data for valuation purposes.
- 7) The Bank and subsidiaries would calculate credit valuation adjustment (CVA) by assessing probability of default (PD) and loss given default (LGD) of the counterparty before multiplying exposure at default (EAD) of the counterparty. On the contrary, debit valuation adjustment (DVA) is computed by applying probability of default of the Bank and subsidiaries considering loss given default of the Bank and subsidiaries before being multiplied by exposure at default of the Bank and subsidiaries.

The Bank and subsidiaries adopt IFRS 9 or take any observable data into account to evaluate the probability of impairment and loss rate of allowance for doubtful accounts as the estimates of PD and LGD. In addition, mark to market assessment of a derivative instrument from Over the Counter (OTC) is applied as EAD. For those accounts have showed significant increase in credit risk, would be the CVA assessed individually by taking into account of the changes of exposures, conditions of collaterals and the recovery probabilities.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- 8) Except the following listed items, the book value is considered to be a reasonable basis of estimated fair value if the Bank and subsidiaries do not measure a financial instrument at fair value.

<b>Financial assets</b>	<b>December 31, 2022</b>	
	<b>Book value</b>	<b>Fair value</b>
Investment in debt instruments at amortized cost	\$ 980,645,990	945,776,816

<b>Financial assets</b>	<b>December 31, 2021</b>	
	<b>Book value</b>	<b>Fair value</b>
Investment in debt instruments at amortized cost	\$ 948,058,348	956,216,334

- (ii) Fair value hierarchy information on financial instruments

- 1) The definition of fair value hierarchy

- a) Level 1

Fair value measurement for a financial instrument classified in Level 1 is determined as the quoted price for an identical financial instrument in an active market. The definition of active market has all of the following conditions: (1) the products traded in the market are homogeneous, (2) willing parties are available anytime in the market, and (3) price information is available for the public.

- b) Level 2

Fair value measurement for a financial instrument classified in Level 2 is determined as the observable price other than quoted price in an active market, including an observable input obtained in an active market, either directly (i.e., as prices) or indirectly (i.e., derived from prices). The examples of observable price are as follows:

- i) The quoted price for an identical financial instrument in an active market means the fair value from the market transaction prices for an identical financial instrument. An identical financial instrument should be determined by its characteristics and terms of transaction. The fair value of a financial instrument has to be adjusted according to the observable market price of the identical financial instrument. The reasons for adjustments include time lag of the occurring market transaction prices for an identical financial instrument (the quoted prices do not represent fair value at the measurement date), the difference in transaction terms for financial instruments, transaction prices involving related parties, and the correlation between the observable transaction prices of identical financial instruments and the market prices of held financial instruments.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- ii) The quoted market price of the same or identical financial instruments in an inactive market.
- iii) The fair value is estimated on the basis of the results of a valuation technique, and the market inputs used (i.e., interest rate, yield curve, and fluctuation rate) are based on obtainable data from the market (an observable input means an input can be derived from market data and can reflect the expectation of market participants when the inputs were used in evaluating the prices of financial instruments).
- iv) A majority of inputs are derived from observable market data, or the input correlation can be tested based on observable market data.

c) Level 3

Input for a fair value measurement for a financial instrument classified in Level 3 is not based on obtainable data from the market (an unobservable input, such as volatility for a share option derived from the share's historical prices, as it does not generally represent current market expectations about future volatility).

2) Fair value hierarchy information on financial instruments

<u>Assets and Liabilities</u>	<u>December 31, 2022</u>			
	<u>Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
<b><u>Instruments measured at fair value</u></b>				
<b><u>Instruments measured at fair value on a recurring basis</u></b>				
<b><u>Non-derivative financial instruments assets and liabilities</u></b>				
<b>Assets:</b>				
Financial assets measured at fair value through profit or loss				
Mandatorily measured at fair value through profit or loss				
Investment in equity instruments	\$ 126,562	16,662	109,900	-
Investment in debt instruments	151,192,173	1,560,671	149,288,208	343,294
Others	336,990	336,990	-	-
Financial assets measured at fair value through other comprehensive income				
Investment in equity instruments	24,013,099	20,081,797	-	3,931,302
Investment in debt instruments	208,260,707	32,810,432	174,877,461	572,814
<b>Liabilities:</b>				
Designated as financial liabilities measured at fair value through profit or loss	8,715,400	-	-	8,715,400
<b><u>Derivative financial instruments assets and liabilities</u></b>				
<b>Assets:</b>				
Financial assets measured at fair value through profit or loss	\$ 58,073,077	1,125,314	56,941,522	6,241
Financial assets—hedging	18,389	-	18,389	-
<b>Liabilities:</b>				
Financial liabilities measured at fair value through profit or loss	62,322,676	-	62,298,802	23,874
Financial liabilities—hedging	503,026	-	503,026	-
<b><u>Instruments not measured at fair value</u></b>				
Investment in debt instruments at amortized cost	945,776,816	773,218,778	165,589,808	6,968,230
Investment property	6,699,243	-	-	6,699,243

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Assets and Liabilities	December 31, 2021			
	Total	Level 1	Level 2	Level 3
<b><u>Instruments measured at fair value</u></b>				
<b><u>Instruments measured at fair value on a recurring basis</u></b>				
<b><u>Non-derivative financial instruments assets and liabilities</u></b>				
<b>Assets:</b>				
Financial assets measured at fair value through profit or loss				
Mandatorily measured at fair value through profit or loss				
Investment in equity instruments	\$ 1,421,096	1,421,096	-	-
Investment in debt instruments	134,754,832	1,823,743	132,491,191	439,898
Others	303,065	303,065	-	-
Financial assets measured at fair value through other comprehensive income				
Investment in equity instruments	32,879,753	29,150,196	-	3,729,557
Investment in debt instruments	251,518,635	57,107,812	193,668,656	742,167
<b>Liabilities:</b>				
Designated as financial liabilities measured at fair value through profit or loss	10,541,448	-	-	10,541,448
<b><u>Derivative financial instruments assets and liabilities</u></b>				
<b>Assets:</b>				
Financial assets measured at fair value through profit or loss	\$ 33,741,837	1,059,532	32,625,224	57,081
Financial assets – hedging	262,867	-	262,867	-
<b>Liabilities:</b>				
Financial liabilities measured at fair value through profit or loss	35,445,878	1,470	35,354,469	89,939
Financial liabilities – hedging	1,930	-	1,930	-
<b><u>Instruments not measured at fair value</u></b>				
Investment in debt instruments at amortized cost	956,216,334	827,262,555	115,816,137	13,137,642
Investment property	7,403,381	-	-	7,403,381

- 3) No instrument measured at fair value has been transferred between level 1 and level 2 by the Bank and subsidiaries for the years ended December 31, 2022 and 2021.
- 4) Statements of changes in financial assets which were classified to Level 3 based on fair value measurement.

Items	For the year ended December 31, 2022										
	Beginning balance	The amount recognized in current net income	The amount recognized in other comprehensive income	Purchase or issue	Current increase			Current decrease			Ending balance
					Transfer into Level 3 and out of other levels	Transfer into Level 3 of financial assets and out of Level 3 of financial liabilities	Sale, disposal, or settlement	Transfer into other levels and out of Level 3	Transfer into Level 3 of financial liabilities and out of Level 3 of financial assets		
Financial assets measured at fair value through profit or loss											
Mandatorily measured at fair value through profit or loss	\$ 496,979	252,132	(11,841)	58,245	-	2,953	444,887	-	4,046	349,535	
Financial assets measured at fair value through other comprehensive income	4,471,724	-	38,709	1,234,386	-	-	1,240,703	-	-	4,504,116	
<b>Total</b>	<b>\$ 4,968,703</b>	<b>252,132</b>	<b>26,868</b>	<b>1,292,631</b>	<b>-</b>	<b>2,953</b>	<b>1,685,590</b>	<b>-</b>	<b>4,046</b>	<b>4,853,651</b>	

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Items	For the year ended December 31, 2021									
	Beginning balance	The amount recognized in current net income	The amount recognized in other comprehensive income	Current increase			Current decrease			Ending balance
				Purchase or issue	Transfer into Level 3 and out of other levels	Transfer into Level 3 of financial assets and out of Level 3 of financial liabilities	Sale, disposal, or settlement	Transfer into other levels and out of Level 3	Transfer into Level 3 of financial assets and out of Level 3 of financial liabilities	
Financial assets measured at fair value through profit or loss										
Mandatorily measured at fair value through profit or loss	\$ 2,144,756	256,122	(82,496)	106,732	-	126,471	1,826,256	10,776	217,574	496,979
Financial assets measured at fair value through other comprehensive income	3,977,242	-	(12,395)	560,401	-	-	53,524	-	-	4,471,724
<b>Total</b>	<b>\$ 6,121,998</b>	<b>256,122</b>	<b>(94,891)</b>	<b>667,133</b>	<b>-</b>	<b>126,471</b>	<b>1,879,780</b>	<b>10,776</b>	<b>217,574</b>	<b>4,968,703</b>

The policy for when to recognize the transfers in or out of Level 3 is according to the actual date of the event or change in circumstances.

This transfer between Level 3 and Level 2 was due to a switch of valuation approach.

Unrealized gains (losses) associated with assets as of December 31, 2022 and 2021 which were recognized in current net income shown in the above table were \$201 of profit and \$130,494 of profit, respectively.

- 5) Statements of changes in financial liabilities which were classified to Level 3 based on fair value measurement.

Items	For the year ended December 31, 2022									
	Beginning balance	The amount recognized in current net income	The amount recognized in other comprehensive income	Current increase			Current decrease			Ending balance
				Purchase or issue	Transfer into Level 3 and out of other levels	Transfer into Level 3 of financial liabilities and out of Level 3 of financial assets	Sale, disposal, or settlement	Transfer into other levels and out of Level 3	Transfer into Level 3 of financial assets and out of Level 3 of financial liabilities	
Financial liabilities measured at fair value through profit or loss										
Financial liabilities held for trading	\$ 89,939	65,003	-	19,352	-	4,046	151,513	-	2,953	23,874
Financial liabilities designated at fair value through profit or loss	10,541,448	(1,844,004)	(2,329,242)	2,351,680	-	-	4,482	-	-	8,715,400
<b>Total</b>	<b>\$ 10,631,387</b>	<b>(1,779,001)</b>	<b>(2,329,242)</b>	<b>2,371,032</b>	<b>-</b>	<b>4,046</b>	<b>155,995</b>	<b>-</b>	<b>2,953</b>	<b>8,739,274</b>

Items	For the year ended December 31, 2021									
	Beginning balance	The amount recognized in current net income	The amount recognized in other comprehensive income	Current increase			Current decrease			Ending balance
				Purchase or issue	Transfer into Level 3 and out of other levels	Transfer into Level 3 of financial liabilities and out of Level 3 of financial assets	Sale, disposal, or settlement	Transfer into other levels and out of Level 3	Transfer into Level 3 of financial assets and out of Level 3 of financial liabilities	
Financial liabilities measured at fair value through profit or loss										
Financial liabilities held for trading	\$ 1,597,969	(13,815)	-	24,395	-	217,574	1,598,937	10,776	126,471	89,939
Financial liabilities designated at fair value through profit or loss	14,475,274	(587,303)	(33,300)	4,286,347	-	-	7,599,570	-	-	10,541,448
<b>Total</b>	<b>\$ 16,073,243</b>	<b>(601,118)</b>	<b>(33,300)</b>	<b>4,310,742</b>	<b>-</b>	<b>217,574</b>	<b>9,198,507</b>	<b>10,776</b>	<b>126,471</b>	<b>10,631,387</b>

The policy for when to recognize the transfers in or out of Level 3 is according to the actual date of the event or change in circumstances.

This transfer between Level 3 and Level 2 was due to a switch of valuation approach.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Unrealized gains (losses) associated with liabilities as of December 31, 2022 and 2021 which were recognized in current net income shown in the above table were \$2,977,755 of profit and \$295,634 of profit, respectively.

- 6) Sensitivity analysis of Level 3 fair value if reasonably possible alternative assumptions used

Valuation techniques used by the Bank and subsidiaries for fair value measurements of financial instruments are appropriate. However, the use of different valuation models or inputs could lead to different outcomes of fair value measurements. The following statement analyses Level 3 sensitivities for those unobservable inputs in valuation models that have a material impact on the valuation of Level 3 financial instrument. The Bank and subsidiaries' major Level 3 financial instruments include:

- a) Back-to-back derivative transactions: the movements of fair value between financial assets and liabilities can be fully offset for back-to-back trades, so there is no material impact on the income statement.
- b) Financial debentures issued by the Bank: the sensitivity analysis based on the assumption of one basis point change in the Bank's credit spread would have the following effects on the statement of other comprehensive income.

	<b>Impacts on the statement of other comprehensive income as fair value changes</b>	
	<b>Favorable changes</b>	<b>Unfavorable changes</b>
<b>December 31, 2022</b>		
<u>Liabilities</u>		
Financial liabilities measured at fair value through profit or loss		
Designated as financial liabilities measured at fair value through profit or loss	\$ <u>21,777</u>	<u>(21,652)</u>
<b>December 31, 2021</b>		
<u>Liabilities</u>		
Financial liabilities measured at fair value through profit or loss		
Designated as financial liabilities measured at fair value through profit or loss	\$ <u>8,262</u>	<u>(8,105)</u>

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**Notes to the Consolidated Financial Statements**

7) Quantitative information about the significant unobservable inputs in Level 3

As of December 31, 2022 and 2021, the relationship between quantitative information about the significant unobservable inputs and fair value cannot be fully controlled practically, thus unobservable quantitative information of fair value were \$6,241 and \$57,081 thousand of assets, and \$6,238 and \$57,299 thousand of liabilities, respectively.

Quantitative information about the significant unobservable inputs was as follows:

		December 31, 2022				
		Fair value	Valuation techniques	Key unobservable inputs	Range of inputs	The relation between inputs and fair value
<b><u>Recurring fair value measurements</u></b>						
<b><u>Non-derivative financial instruments assets and liabilities</u></b>						
<b>Assets:</b>						
Financial assets measured at fair value through profit or loss						
	Mandatorily measured at fair value through profit or loss	\$ 343,294	Net asset valuation method/ Market model	Net asset value /value multiple	Not applicable	The higher net asset value/value multiple, the higher fair value
Financial assets measured at fair value through other comprehensive income						
	Investments in equity instruments	3,931,302	Net asset valuation method/ Market model	Net asset value /price-to-earning ratio/price-book ratio/price-to-sales ratio	Not applicable	The higher net asset value/price-to-earning ratio/price-book ratio/price-to-sales ratio, the higher fair value
	Investment in debt instruments	572,814	Discounted cash flow model	Interest rate	0.66%	The higher interest rate, the lower fair value
<b>Liabilities:</b>						
	Designated as financial liabilities measured at fair value through profit or loss	8,715,400	Interest rate option pricing model	Credit risk parameter	0.36~2.24%	The higher credit risk parameter, the lower fair value
<b><u>Derivative financial instruments assets and liabilities</u></b>						
<b>Liabilities:</b>						
	Financial assets measured at fair value through profit or loss	17,636	Interest rate option pricing model	Interest rate correlation coefficient	89.07~91.00%	The higher interest rate correlation coefficient, the lower fair value

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	December 31, 2021				
	Fair value	Valuation techniques	Key unobservable inputs	Range of inputs	The relation between inputs and fair value
<b><u>Recurring fair value measurements</u></b>					
<b><u>Non-derivative financial instruments assets and liabilities</u></b>					
<b>Assets:</b>					
Financial assets measured at fair value through profit or loss					
Mandatorily measured at fair value through profit or loss	\$ 439,898	Net asset valuation method/ Market model	Net asset value/ value multiple	Not applicable	The higher net asset value/value multiple, the higher fair value
Financial assets measured at fair value through other comprehensive income					
Investments in equity instruments	3,729,557	Net asset valuation method/ Market model	Net asset value /price-to-earning ratio/price-book ratio/price-to-sales ratio	Not applicable	The higher net asset value/price-to-earning ratio/price-book ratio/price-to-sales ratio, the higher fair value
Investment in debt instruments	742,167	Discounted cash flow model	Interest rate	0.58%	The higher interest rate, the lower fair value
<b>Liabilities:</b>					
Designated as financial liabilities measured at fair value through profit or loss	10,541,448	Interest rate option pricing model	Credit risk parameter	0.20~1.05%	The higher credit risk parameter, the lower fair value
<b><u>Derivative financial instruments assets and liabilities</u></b>					
<b>Liabilities:</b>					
Financial liabilities measured at fair value through profit or loss	32,640	Interest rate option pricing model	Interest rate correlation coefficient	53~94.75%	The higher correlation coefficient, the higher fair value

8) The valuation process to level 3 financial instruments

Market risk management unit is responsible for independent model validation, with using and confirming the reliable for independent market data, calibrating valuation model on a regular basis, executing back testing, as well as applying any fair value adjustments if necessary to ensure the valuation results are reasonable.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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(iii) Financial risk information

The Bank and subsidiaries have established the Risk Governance Policy to serve as its primary principle, which covers managerial conception, organizational structure, accountability, and risk management procedures. The major objective of the risk management of the Bank and subsidiaries is to limit potential risks within an acceptable level in order to achieve sustainable operation.

The major risks include credit risk, market risk, operational risk, liquidity risk and interest risk.

The organization structure of risk management consists of Board of Directors, Risk Management Committee, Senior Management and Risk Management Group. The scope of their authorities is illustrated as follows:

Board of Directors, who is responsible for the approval, review, supervision of risk strategies and risk policies, risk management frameworks, and creating the well balanced and independent risk management culture, serves as the primary guidance for all risks, ensure the operation of risk management and undertakes ultimate responsibility of overall risk management.

Risk Management Committee assists the Board in risk governance by communicating, reporting, and recommendations. We expect through the support from Board level in Bank's risk culture, along with supportive behavior and decision-making process, the whole organization can be influenced by Board's determination in risk management.

Senior Management establishes independent risk management functions and effective risks assessment mechanism in accordance with the policy direction of the Board of Directors to ensure that the Bank and subsidiaries operate properly. Senior Management establish an appropriate risk authorization system to supervise and ensure the proper operation of the system.

Risk Management Group is responsible for planning and managing the Bank's risk profiles which include credit, market, operations, interest and liquidity risks of the banking book, developing proper policies and strategies relating to risk identification, measurement, control, and management, and supervising the implementation of system implementation, as well as system operation effectiveness.

1) Market Risk Management

Definition and sources of market risk management

Market risk is the risk that the Bank and subsidiaries' earnings, capital, or its ability to meet business objectives will be adversely affected by changes in the level, volatility, correlation, or liquidity of market risk factors, such as interest rate (including credit spread), foreign exchange, equity and commodity.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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The market risk of the Bank and subsidiaries arises from either trading or non-trading portfolios. The trading portfolio includes positions arising from trading activities, which aim at benefiting from short-term price movements, such as proprietary trading and market making. The non-trading portfolio includes positions not held for the purpose of earning capital gains.

The market risk management framework for trading and non-trading portfolios is described as follows:

a) Trading Portfolios Management

i) Objective

The Market Risk Management Policy is the cornerstone of managing market risk-taking activities in the Bank and subsidiaries. The Policy is developed to establish definite market risk management mechanisms of financial transaction, to facilitate market risk communication within the Bank and subsidiaries, and to provide proper management.

ii) Market Risk Management Procedure and Measurement

1. Management Procedures

a. Risk identification

Risk-taking unit shall identify the market risk of financial instruments, and this should be clearly stated in the relevant product program documentation. Market risk management unit (MRMU) executes the identification of market risk independently.

b. Risk measurement

MRMU shall define appropriate and consistent market risk measurement methodologies in line with the business characteristics and risk source to properly evaluate the primary market risk exposure. The risk measurement shall be applied to daily management and shall serve as a foundation for market risk planning, monitoring, and controlling.

Valuation approach and market data adoption for calculating P/L, risk sensitivities, Value at Risk (VaR), stress testing should be approved by MRMU.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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c. Risk controlling

Market risk limit is a tool for authorizing and controlling specific forms of market risk arising from the trading activities of the Bank and subsidiaries to ensure that the Bank and subsidiaries are not exposed to market risk beyond the risk appetite. Market risk limit management procedures, such as the establishment, approval, exception management and limit excess treatment, etc., shall comply with the relevant market risk management documents.

d. Risk reporting

Market risk reporting is an effective risk communication tool. MRMU shall submit market risk management reports to senior managers on a daily basis and periodically report the integrated market risk profile to senior executives and the Board to evaluate risk concentration and capacity of the Bank and subsidiaries and to form necessary risk adjusting strategies.

2. Risk Measurement Approaches

a. Value at Risk, VaR

The VaR system is developed and maintained for internal risk management purpose, and will be continually refined to meet the quantitative and qualitative standards of IMA (Internal Model Approach) requirements.

b. Stress Testing

Stress testing is used to calculate a range of trading exposures which result from extreme market events or scenarios. Stress testing measures the impact of exceptional changes in market rate/price, volatility or correlation in the fair value of trading portfolios as a supplement to VaR which is unable to capture the tail risk.

c. Factor Sensitivity

Factor sensitivity is a measurement for monitoring the cross-product exposures within each risk type, including but not limited to foreign exchange, interest rate, equity, commodity, and credit.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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iii) Market Risk Mitigation and Hedging

The Bank and subsidiaries' trading portfolios include spots and derivatives. The derivatives are employed to reduce spots exposure or combined with other derivatives to form trading strategy. MRMU evaluates and controls the mitigation effectiveness between trading positions and its' hedge positions by using risk measurement tools, such as VaR, risk sensitivities, etc.

iv) Interest Rate Risk Management

1. Definition

Interest rate risk arises from adverse changes in interest rates. Primary interest rate related instruments held in the Bank and subsidiaries' trading portfolios include bonds and interest rate derivatives, such as interest rate swaps, caps/floors, and swaptions.

2. Management Procedure

In order to effectively control the interest rate risk in the trading portfolios, the Bank and subsidiaries control interest rate risk by setting limits in different yield curves and currencies depending on its own business development and management needs.

3. Measurement Approach

PVBP, the change in fair value as the yield curve parallel shifts up by 0.01% (1bp), is used to measure interest rate risk exposures of the Bank and subsidiaries' trading portfolios.

Unit: In Thousands of New Taiwan Dollars

Yield curve parallel shift of +0.01%	Currency	December 31, 2022	December 31, 2021
	HKD	\$ (693)	(20)
	IDR	(362)	(497)
	NTD	2,100	500
	RMB	(175)	(513)
	THB	(180)	(4)
	USD	267	1,432
	Others	44	253

v) Foreign Exchange Risk

1. Definition

Foreign exchange risk arises from adverse changes in exchange rates. Primary foreign exchange instruments held in the Bank and subsidiaries' trading portfolios include spots, forwards, and currency options.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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2. Management Procedure

In order to effectively control the foreign exchange risk for the trading portfolios, the Bank and subsidiaries control foreign exchange risk by setting limits in different currencies or currency pairs depending on its own business development and management needs.

3. Measurement Approach

FX Delta, the change in net present value as the foreign exchange rate moves up by one unit, 1%, is used to measure foreign exchange risk exposure of the Bank and subsidiaries' trading portfolios.

Unit: In Thousands of New Taiwan Dollars

Underlying currency upward movement by 1%	Currency	December 31, 2022	December 31, 2021
	CAD	\$ (1,492)	24
	IDR	(1,348)	81
	JPY	(6,866)	(236)
	KRW	607	41
	PHP	(350)	(1,980)
	RMB	(3,221)	841
	THB	1,208	(695)
	USD	15,690	1,199
	Others	792	1,055

vi) Other Risk Factor Sensitivities

1. Equity Factor Sensitivity (Equity delta)

Equity Delta is the change in fair value as the underlying stock price or index price moves up by 1%. Primary equity instruments held in the Bank and subsidiaries' trading portfolios include stocks, convertible bonds, equity index futures and options.

2. Commodity Factor Sensitivity (Commodity delta)

Commodity Delta is the change in fair value as the underlying commodity price moves up by 1%. Primary commodity instruments held in the Bank and subsidiaries' trading portfolios include derivatives in gold and crude oil.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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3. Credit Spread Factor Sensitivity (CR01, Credit 01)

CR01 is the change in fair value as the credit spread shift up by 0.01% (1bp). Primary credit-linked instruments held in the Bank and subsidiaries' trading portfolios include credit default swaps.

Equity factor sensitivity (Equity delta)	Country/ Commodity	December 31, 2022	December 31, 2021
Equity Factor Sensitivity			
Stock price or index upward movement by 1%	Taiwan	\$ 28	(27)
	China	-	(49)
	Thailand	1	977
Credit Spread Factor Sensitivity			
Credit spread upward shift by 0.01%		(72)	(2,580)

b) Management Mechanism of Non-Trading Purpose Investment Portfolio

i) Management of Non-Trading Purpose Interest Rate Risk

1. Definition of Non-Trading Purpose Interest Rate Risk

Non trading purpose interest rate risk of the Bank and subsidiaries refers to the impact on the Bank and the subsidiaries' future profits or on economic value of assets and liabilities when interest rate changes.

Interest rate risk mainly stems from different sensitivity of assets and liabilities to interest rate change. Such risk could arise from mismatches of repricing timing, amount of asset and liability, varying magnitude of changes in short-term and longer-term interest rates, various interest rate indexes to which asset and liability are linked, or embedded options.

2. Management Objective of Non-Trading Purpose Interest Rate Risk

The "Asset and Liability Management Policy" is the highest guideline of managing the Bank and subsidiaries non trading purpose interest rate risk. The Policy defines the authorities, responsibilities and management procedures. Through the Funds Transfer Mechanism (FTP), funding activities or hedge, the Bank and subsidiaries navigate the asset and liability structure to keep the interest risk exposure within the risk appetite to balance risk and reward.

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## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

#### 3. Management Procedures and Risk Measurement of Non-Trading Purpose Interest Rate Risk

In order to earn stabilized profits, the Bank and subsidiaries control the interest rate risk by keeping the interest rate exposures within the limit approved by the Board, centralizing the interest rate risk from business unit to specified unit through the Match-Term Fund Transfer Mechanism, and adjusting the funding positions proactively.

The measurement includes on balance sheet banking book interest-sensitive asset and liabilities, non-trading purpose financial instruments, and interest rate related derivatives which apply hedge accounting.

Interest rate risk management unit periodically conducts the risk reports, which contain the analysis of limit usage, interest rate risk sensitivity and stress test. The risk report shall periodically be submitted to related risk management meetings.

The Bank and subsidiaries frequently measure interest rate risks by the following tools:

- a. Repricing Gap Report: This report measures the repricing gap between asset and liability by various time buckets in order to understand the status of interest rate mismatch.
- b. Interest Rate Sensitivity:
  - i. Asset and Liability Mismatch: This measures the impact of 1 basis point change in interest rate on net interest income (NII) and that on economic value of equity (EVE). The analysis of such impact on NII (1bp $\Delta$  NII) focuses on changes in interest income and expense within a year; hence, this analysis is of a short-term perspective. The analysis of such impact on EVE (1bp $\Delta$  EVE) is of a long-term perspective as it focuses on changes of economic value which will become net interest income received every year later on.
  - ii. Non-trading purpose financial instruments risk sensitivity: Use the PVBP to measure the impact of 1 basis point change in interest rate on fair value.
- c. Stress Test: This evaluates the impact of a significant change in interest rate on EVE. The test results will be compared with capital in order to examine the appropriateness of exposure.
- d. (Non-trading purpose financial instruments specified) Profit and Loss: This evaluates the market value of financial instrument, and aims to keep the impact on earnings or equity within risk appetite of the Bank and subsidiaries.

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## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

#### 4. Risk Mitigation and Hedge of Non-Trading Purpose Interest Rate Risk

The Bank and subsidiaries set limits to manage risk. After confirming the limit excess, the risk management unit shall identify the causes and the main business unit which leads to the limit breach. The business unit causing the changes in the risk should submit the action plan to the limit authority for approval. The relevant units should keep track of the effectiveness of the action plan and make prompt adjustments to ensure the risk will be effectively reduced.

The Bank and subsidiaries may adjust the interest rate risk exposure by adjusting the asset and liability structures or entering derivative with external counterparties. Prior to executing an external hedge, the hedge plan with specified hedged objective/strategy, hedged position, profit and loss analysis, detailed scheme and whether hedge accounting is complied etc., shall seek approval from the limit appropriate authority. After a hedge executed, risk management unit shall periodically review the hedge execution and its effectiveness, and report to different level of authority depending on the impact.

#### ii) Management of Non-Trading Purpose Foreign Exchange Rate Risk

##### 1. Definition and Sources of Non-Trading Purpose Foreign Exchange Rate Risk

Non-trading purpose foreign exchange (FX) rate risk of the Bank and subsidiaries refers to the impact on the profit or loss due to fluctuation of FX rate on the non-trading purpose FX positions.

##### 2. Management Objective of Non-Trading Purpose Foreign Exchange Rate Risk

The Bank and subsidiaries' management objective of non-trading purpose FX risk aims to keep FX exposures within the risk appetite by the authorities, responsibilities and management procedures defined in the Policy.

##### 3. Management Procedure and Risk Measurement of Non-Trading Purpose Foreign Exchange Rate Risk

The Bank and subsidiaries identify, measure, monitor, and report the FX risk through the thorough risk management framework and procedure. To control the FX risk, the Bank and subsidiaries periodically monitor the risk exposure according to the approved limit hierarchy and sweep FX risk centrally from business units to designated FX management unit. For overseas branches without a specified FX management unit, FX positions will be centrally managed by the Funding Management Unit. The risk factor which measures non-trading purpose Foreign Exchange Risk is "FX Delta", which measures the impact on the profit and loss when FX rate changes.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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4. Non-Trading Purpose Foreign Exchange Rate Risk monitoring and reporting

The Bank and subsidiaries set the limits and control mechanisms to manage the FX risk. When an excess of limit is confirmed, the business unit will give an explanation on it and make an action plan; the action plan will then be submitted to the limit authority for approval after being reviewed by the risk management unit. The relevant units should keep track of the effectiveness of the action plan and make prompt adjustments to ensure the risk will be effectively reduced.

iii) Management of Non-Trading Purpose Equity Risk

1. Definition and Sources of Non-Trading Purpose Equity Risk

Non-trading purpose equity risk of the Bank and subsidiaries refer to the impact on the profit or loss due to equity price fluctuation of non-trading purpose equity positions.

2. Management Objective of Non-Trading purpose Equity Risk

The Bank and subsidiaries' management objective of non-trading purpose equity risk aims to keep equity exposures within the risk appetite and control severe impact on profit or owner equity by the authorities, responsibilities and management procedure defined in the Policy.

3. Management Procedure and Risk Measurement of Non-Trading Purpose Foreign Exchange Rate Risk

The Bank and subsidiaries identify, measure, monitor, and report the equity risk through the thorough risk management framework and procedure. To control the equity risk, the Bank and subsidiaries periodically monitor the risk exposure according to the approved limit hierarchy. The major aspects of Equity limits include the position limit and the year to date loss trigger.

4. Risk Mitigation of Non-Trading Purpose Equity Risk

The Bank and subsidiaries set limits to manage risk. When an excess of limit is confirmed, the business unit should analyze the reasons and impacts, and make an action plan; the action plan will then be submitted to the limit authority for approval after being reviewed by the risk management unit. The relevant units should keep track of the effectiveness of the action plan and make prompt adjustments to ensure the risk will be effectively reduced.

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iv) Factor Sensitivity Analysis

Factor sensitivity analysis by the Bank and subsidiaries was summarized as below:

<b>December 31, 2022</b>			
<b>Risk Items</b>	<b>Movement</b>	<b>Amount</b>	
		<b>Profit and Loss</b>	<b>Equity</b>
Interest Rate Risk	Interest rate curve shift up 1bp	144,500	(45,719)
	Interest rate curve shift down 1bp	(144,500)	45,719
Foreign Exchange Rate Risk	Foreign currency appreciate 1% against NTD	(5)	-
	Foreign currency depreciate 1% against NTD	5	-
Equity Price Risk	Equity price appreciate 1%	158	199,637
	Equity price depreciate 1%	(158)	(199,637)

<b>December 31, 2021</b>			
<b>Risk Items</b>	<b>Movement</b>	<b>Amount</b>	
		<b>Profit and Loss</b>	<b>Equity</b>
Interest Rate Risk	Interest rate curve shift up 1bp	143,062	(80,263)
	Interest rate curve shift down 1bp	(143,062)	80,263
Foreign Exchange Rate Risk	Foreign currency appreciate 1% against NTD	71	-
	Foreign currency depreciate 1% against NTD	(71)	-
Equity Price Risk	Equity price appreciate 1%	13,224	290,132
	Equity price depreciate 1%	(13,224)	(290,132)

Note: When a fair value hedge or hedge of a net investment in a foreign operation is in conformity with all the conditions for applying hedge accounting, the mentioned positions will not be covered by summarized details above. Because the affected profit or loss is recognized by offsetting the changes in the fair value of hedging instruments and hedged items.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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c) Foreign exchange rate gap information

According to IFRS 7 “Financial Instruments: Disclosures” paragraph No. 34(a), an entity shall disclose summarized quantitative data about its exposure to that risk at the end of the reporting period. Significant foreign exchange rate risk exposure of the Bank and subsidiaries was as below:

	<b>December 31, 2022</b>		
	<u>Foreign currency</u>	<u>Spot rate</u>	<u>NTD amount</u>
<b><u>Financial assets</u></b>			
<b><u>Monetary items</u></b>			
USD	\$ 41,464,012	30.7080	1,273,276,888
JPY	2,236,392,258	0.2323	519,513,922
THB	274,661,591	0.8890	244,174,154
RMB	36,492,242	4.4076	160,843,206
AUD	4,604,226	20.8230	95,873,801
HKD	13,557,553	3.9380	53,389,642
SGD	1,542,277	22.8640	35,262,632
EUR	702,544	32.7130	22,982,321
<b><u>Non-monetary items</u></b>			
USD	37,076	30.7080	1,138,530
JPY	1,867,122	0.2323	433,732
THB	16,111,870	0.8890	14,323,452
<b><u>Investments under equity method</u></b>			
RMB	245,336	4.4076	1,081,342
JPY	1,707,672	0.2323	396,692
<b><u>Financial liabilities</u></b>			
<b><u>Monetary items</u></b>			
USD	\$ 49,396,100	30.7080	1,516,855,432
JPY	2,220,783,186	0.2323	515,887,934
THB	256,069,126	0.8890	227,645,454
RMB	34,971,142	4.4076	154,138,804
AUD	1,706,829	20.8230	35,541,293
HKD	6,328,611	3.9380	24,922,072
SGD	181,374	22.8640	4,146,944
EUR	596,374	32.7130	19,509,177

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	<b>December 31, 2021</b>		
	<u>Foreign currency</u>	<u>Spot rate</u>	<u>NTD amount</u>
<b><u>Financial assets</u></b>			
<b><u>Monetary items</u></b>			
USD	\$ 32,693,052	27.6900	905,270,610
JPY	2,283,835,282	0.2405	549,262,385
AUD	2,871,746	20.0920	57,699,121
HKD	11,444,288	3.5510	40,638,667
SGD	1,639,954	20.4630	33,558,379
<b><u>Non-monetary items</u></b>			
THB	18,773,314	0.8300	15,581,851
USD	32,610	27.6900	902,971
JPY	2,211,231	0.2405	531,801
PHP	11,941	0.5425	6,478
<b><u>Non-monetary items</u></b>			
RMB	217,196	4.3467	944,088
JPY	1,711,780	0.2405	411,683
<b><u>Investments under equity method</u></b>			
<b><u>Monetary items</u></b>			
USD	40,741,529	27.6900	1,128,132,938
JPY	2,202,967,913	0.2405	529,813,783
HKD	6,706,721	3.5510	23,815,566
AUD	1,077,459	20.0920	21,648,306
SGD	610,388	20.4630	12,490,370

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
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- d) Disclosure items required by the “Regulations Governing the Preparation of Financial Reports by Public Banks”
- i) Interest rate sensitivity information
1. Sensitivity analysis of interest rate for assets and liabilities (New Taiwan Dollars)

December 31, 2022

Unit: In Thousands of New Taiwan Dollars, %

Items	1~90 days (inclusive)	91~180 days (inclusive)	181 days~1 year (inclusive)	Over 1 year	Total
Interest rate sensitive assets	\$ 2,466,447,600	199,877,487	80,170,612	152,188,669	2,898,684,368
Interest rate sensitive liabilities	828,430,906	1,653,097,127	110,157,123	57,546,827	2,649,231,983
Interest rate sensitivity gap	1,638,016,694	(1,453,219,640)	(29,986,511)	94,641,842	249,452,385
Net worth					337,690,887
Ratio of interest rate sensitive assets to liabilities (%)					109.42
Ratio of interest rate sensitivity gap to net worth (%)					73.87

December 31, 2021

Unit: In Thousands of New Taiwan Dollars, %

Items	1~90 days (inclusive)	91~180 days (inclusive)	181 days~1 year (inclusive)	Over 1 year	Total
Interest rate sensitive assets	\$ 2,106,279,874	238,038,659	105,627,487	179,826,136	2,629,772,156
Interest rate sensitive liabilities	606,136,134	1,562,109,335	169,628,599	70,661,423	2,408,535,491
Interest rate sensitivity gap	1,500,143,740	(1,324,070,676)	(64,001,112)	109,164,713	221,236,665
Net worth					316,832,728
Ratio of interest rate sensitive assets to liabilities (%)					109.19
Ratio of interest rate sensitivity gap to net worth (%)					69.83

Note:

- The aforementioned are the Bank's position denominated in NTD, and do not include contingent assets or liabilities.
- Interest rate sensitive assets and liabilities are the interest-earning assets or interest-bearing liabilities whose revenue or costs are affected by interest rate change.
- Interest rate sensitivity gap = Interest rate sensitive assets - Interest rate sensitive liabilities.
- Ratio of interest rate sensitive assets to liabilities = Interest rate sensitive assets / Interest-rate-sensitive liabilities (denominated in NTD).

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2. Sensitivity analysis of interest rate for assets and liabilities (USD)

December 31, 2022

Unit: In Thousands of U.S. Dollars, %

Items	1~90 days (inclusive)	91~180 days (inclusive)	181 days~1 year (inclusive)	Over 1 year	Total
Interest rate sensitive assets	\$ 17,476,660	777,973	221,228	11,125,190	29,601,051
Interest rate sensitive liabilities	17,064,210	16,007,694	4,108,694	463,745	37,644,343
Interest rate sensitivity gap	412,450	(15,229,721)	(3,887,466)	10,661,445	(8,043,292)
Net worth					10,996,838
Ratio of interest rate sensitive assets to liabilities (%)					78.63
Ratio of interest rate sensitivity gap to net worth (%)					(73.14)

December 31, 2021

Unit: In Thousands of U.S. Dollars, %

Items	1~90 days (inclusive)	91~180 days (inclusive)	181 days~1 year (inclusive)	Over 1 year	Total
Interest rate sensitive assets	\$ 12,992,676	777,100	246,424	9,371,622	23,387,822
Interest rate sensitive liabilities	9,368,060	18,460,753	1,851,959	377,737	30,058,509
Interest rate sensitivity gap	3,624,616	(17,683,653)	(1,605,535)	8,993,885	(6,670,687)
Net worth					11,442,135
Ratio of interest rate sensitive assets to liabilities (%)					77.81
Ratio of interest rate sensitivity gap to net worth (%)					(58.30)

Note:

1. The aforementioned are the Bank's position denominated in USD, and do not include contingent assets or liabilities.
2. Interest rate sensitive assets and liabilities are the interest-earning assets or interest-bearing liabilities whose revenue or costs are affected by interest rate change.
3. Interest rate sensitivity gap = Interest rate sensitive assets - Interest rate sensitive liabilities.
4. Ratio of interest rate sensitive assets to liabilities = Interest rate sensitive assets / Interest rate sensitive liabilities (denominated in USD).

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

2) Credit Risk Management

a) Definition and Sources of Credit Risk Management

Credit risk of the Bank and subsidiaries refers to the risk of financial loss if an obligor, guarantor or counterparty fails to meet its contractual obligations. Credit risk arises from both on-balance-sheet and off-balance-sheet items. On-balance-sheet items include Loan, Discounting bills and notes, Credit Card, Due from Central Bank and Call loans to banks, Debt Investment and Derivatives Transaction, etc. Off-balance-sheet items mainly include Guarantees, Bank Acceptance, Letter of Credit and Loan Commitments.

b) Objectives of Credit Risk Management

The objective of credit risk management is to minimize the potential financial losses by appropriate strategies, policies and procedures. By strengthening credit risk management framework, which is transparent, systematic, professional and well-established, credit risk management is rooted in its corporate governance to reinforce business performance and improve shareholder's equity.

c) Credit Risk Management Process and Credit Risk Measurement

i) Credit Risk Management Process

1. Risk Identification

Credit risk comes from the default risk and significant credit deteriorated of an obligor, change on collateral value or the default risk of derivatives counterparty. Defining credit risk factors for identification shall consider not only internal business operations but also external economic environmental changes.

2. Risk Measurement

In order to appropriately evaluate and monitor obligor's credit risk, the Bank and subsidiaries implement the internal rating system factored in the characteristics of obligors and products to quantify it. The corresponding policies and procedures are established and the regular model validation mechanism is executed to ensure the appropriateness and effectiveness of the model performance. Besides credit rating, credit risk management policy and experienced (senior) credit officers' judgment supplement the credit application on credit approval, facility management and performance analysis, etc.

(Continued)



## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

#### 3. Risk Monitoring

To ensure credit risk is under control, the Bank has established credit risk limit management mechanism, and set up the information management system to monitor the credit risk portfolio and risk concentration situation. The Bank and subsidiaries have developed comprehensive credit policies and procedures covering a credit cycle for facilitating the control of credit risk by responsible units, such as procedures about credit extension and credit evaluation, interim review mechanism, guideline for early warning and watch list accounts, guideline for collateral appraisal and management, rules of treasury credit risk mitigation, procedure for problem assets management, guideline for provision allowance and so on, to reduce the probability of credit loss and ensure our financial claim on exposure.

#### 4. Risk Reporting

Credit risk management unit periodically prepares credit risk management reports and submits these reports to senior management. The reports disclose the Bank and subsidiaries' credit risk profile from various dimensions, such as asset quality, portfolio concentration, industry sector exposure, scorecard model validation result, etc.

#### ii) Measurement of Credit Risk

##### 1. Internal Rating System

The development of internal rating system and the estimation of parameters for credit risk measurement are based on the Bank and subsidiaries' internal historical data and the experience of internal experts. The three major risk components include Probability of Default (PD), Loss Given Default (LGD), and Exposure at Default (EAD), which are used to measure the expected loss and unexpected loss, to assist the Bank and subsidiaries in their stable growth of long-term operation.

##### a. Probability of default

The Bank and subsidiaries' institutional banking group has developed various scorecard models for Middle Market and Jumbo-sized Enterprise, Small and Medium-sized Enterprise, Real Estate Developer and Personal, etc. based on obligor's characteristics, including exposure types, industrial characteristics, revenue scales, and the correspondent with the Bank. The Bank also develop a master scale to segment obligor's default risk; each segment of the master scale is associated with a predefined forward-looking probability of default. As for retail banking group, we have leveraged the customer-centric based credit risk scorecard model to generate the risk rating by predefined one-year forward-looking probability of default.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

b. Loss given default

The Bank's institutional banking group calculates the parameters of LGD, such as Collateral Recovery Rate, based on the product characteristics, collateral types, and guarantee forms, etc. The parameters are used to estimate the LGD for each facility. CTBC retail banking group established the LGD rating with long-run default-weighted average LGD, which is developed according to the characteristics of products and collaterals.

c. Exposure at default

Exposure at default is calculated by current outstanding plus potential extra outstanding at default. The credit conversion factor (CCF) for potential extra outstanding at default is calculated by taking the facility commitment, usage ratio, loan outstanding and headroom into consideration. For off-balance-sheet exposure, CCF is used to estimate the portion of off-balance-sheet exposure converted into on-balance-sheet if default.

2. Stress Testing

Depending on credit risk materiality and business scale, stress testing of credit risk portfolios was implemented. Stress testing helps the Bank and subsidiaries aware of the possible change of risk component resulting from stress event, and assesses the amount of capital needed to absorb losses or plan remedial actions to mitigate the impact of exceptional loss when such incident occurs.

d) Mitigation of Credit Risk

i) Collateral Management

In assessing the credit extension, obligor's business prospect, future cash flow, and repayment ability and willingness are the main factors for identifying the repayment sources. However, for the creditor's sake, the Bank, under government regulations, may ask the obligor or a third party to deliver pledge of real estate, chattel, or securities as collateral which can be disposed for recovering the Bank's claim on exposure if the obligor defaults.

In order to maintain the good standing value of collateral, the Bank and subsidiaries have established guidelines regarding collateral management, which are as follows. By taking the volatility of market value and the characteristic of collateral into account, the Bank and subsidiaries set the type of collateral that can be pledged and consider the historical recovery experience to draw up the highest loan to value. To verify the fairness of the value of the collateral, collaterals are appraised not only through valuation reports issued by professional appraisers but also market price and the actual registered price. With the periodic reappraisal, the adequacy of the collateral with high fluctuations can be timely monitored.

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## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

ii) Pre-settlement risk mitigation

For pre-settlement risk, the Bank and subsidiaries might take mitigation actions such as calling for additional collateral (or margin), signing a netting agreement or signing an early determination agreement so as to reduce the credit loss.

iii) Post-lending monitoring mechanisms

For post lending monitoring through interim review mechanism to control the change of obligor's risk, the review frequency and content depend on the risk grade of an obligor. The Bank and subsidiaries have stipulated Guideline for Interim Reviews based on the principle about interim review issued by The Bankers Association of The Republic of China. Interim review items cover change of obligor's business, inspection of credit standing, change of business operation and financial condition, change of the collateral, change of bank debt, the proceeds in accordance with funding purpose, change of repayment sources and so on. If there is significant change of obligor's business and credit status, the credit grade will be re-rated and facilities might be adjusted depending on the situation.

iv) Credit Risk Assessment Review

In order to ensure the adequacy of entire credit risk management and control mechanisms, portfolio credit risk and management process are assessed, reviewed, monitored and examined periodically by the Bank and subsidiaries, to assist the Bank and subsidiaries in their stable growth of long-term operation.

v) External guarantee

In order to enhance the credit protection for weak small and medium business borrowers and risk mitigation for the unsecured exposure of small and medium business borrower, external guarantee provided by Taiwan SMEG fund approved by the government is one of the eligible guarantees.

vi) Concentrations Risk Management

Besides periodic and intermittent monitoring by various risk components on credit risk exposure via different relevant credit risk management reports, the Bank and subsidiaries have risk limit control mechanism, effective after approval by the Board of Directors, at the level of asset portfolio and the level of group, considering that changes in external macro environment are likely to introduce concentration risk from customers with the same characteristics.

Dimensions of limit ceiling monitoring include country risk, high risk grade obligors, product types, industry, treasury limit, project limit, collateral, in the same affiliate and counterparty, and so on.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

e) Maximum exposure to credit risk

Without taking collateral or other credit enhancement mitigation effect into account, the maximum exposure to credit risk of on-balance-sheet financial assets is equal to the carrying values.

Please refer to Note 6(aq)3(3)g. for off-balance sheet financial instruments' maximum exposure to credit risk maturity analysis.

f) Concentrations of credit risk

Significant concentrations of credit risk occur when there are exposures, significant enough to threaten a Bank's security or its ability to maintain core businesses, to an individual counterparty to a transaction or a number of related counterparties engage in similar activities and have similar economic characteristics that would cause their ability to meet contractual obligations to be similarly affected by changes in economic or other conditions. Concentrations of credit risk originate from assets, liabilities, and off-balance-sheet items by means of performing an obligation to deliver products or service, execution of a trade, or combination of cross-classification exposures. The Bank and subsidiaries have proper internal policies, systems, and controls to recognize, measure, monitor, and control concentrations of credit risk. The following table illustrates the diversification of the loan portfolio among industry sectors and geographical regions of the Bank and subsidiaries.

i) By Industry

	December 31, 2022								
	Individual Clients	Service	Public Sector	High Tech	Real Estate	Manufacturing	Financial Institution	Others	Total
<i>On balance sheet</i>									
Receivables—Credit card	\$ 101,785,801	-	-	-	-	-	-	-	101,785,801
Receivables—Factoring	-	3,636,888	-	14,893,203	12,777	2,374,654	1,241,273	-	22,158,795
<i>Loans</i>									
-Consumer loans	1,173,714,013	-	-	-	-	-	-	-	1,173,714,013
-Corporate loans	104,391,597	134,872,093	242,347,222	111,662,997	112,065,734	159,124,209	16,130,813	632,342	881,227,007
-Micro-business loans	2,883,585	5,023,490	-	817,448	1,142,403	1,696,532	108,542	-	11,672,000
-Foreign currency loans	249,355,870	291,492,542	5,721,431	62,253,965	202,823,131	205,225,388	163,988,177	6,624,502	1,187,485,006
-Non-accrual loans	3,659,706	3,039,885	-	111,262	699,623	2,971,962	149,680	272,440	10,904,558
-Adjustment of discount and premium	(474,848)	(632,306)	-	(32,829)	(214,962)	(226,213)	(154,442)	(23,713)	(1,759,313)
Other financial assets	108,834	-	-	-	-	-	-	170,119	278,953
<b>Total</b>	<b>\$ 1,635,424,558</b>	<b>437,432,592</b>	<b>248,068,653</b>	<b>189,706,046</b>	<b>316,528,706</b>	<b>371,166,532</b>	<b>181,464,043</b>	<b>7,675,690</b>	<b>3,387,466,820</b>
<i>Off balance sheet</i>									
Guarantee and commitment	\$ 670,059,367	190,913,403	92,513,625	265,922,807	94,117,407	369,107,646	93,359,792	1,225,988	1,777,220,035

	December 31, 2022				
	Public Sector	Corporate	Financial Institution	Individual Clients	Total
Financial assets measured at fair value through other comprehensive income—investment in debt instruments	\$ 62,192,059	43,635,800	94,766,029	7,666,819	208,260,707
Financial assets—hedging	-	-	18,389	-	18,389
Investment in debt instruments at amortized cost	721,086,353	176,959,021	75,770,487	6,881,852	980,697,713
<b>Total</b>	<b>\$ 783,278,412</b>	<b>220,594,821</b>	<b>170,554,905</b>	<b>14,548,671</b>	<b>1,188,976,809</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

December 31, 2021									
	Individual Clients	Service	Public Sector	High Tech	Real Estate	Manufacturing	Financial Institution	Others	Total
<b>On balance sheet</b>									
Receivables—Credit card	\$ 88,999,401	-	-	-	-	-	-	-	88,999,401
Receivables—Factoring	-	5,286,420	-	22,019,022	13,732	3,035,498	3,482,051	-	33,836,723
<b>Loans</b>									
-Consumer loans	1,034,937,587	-	-	-	-	-	-	-	1,034,937,587
-Corporate loans	94,121,299	91,907,465	209,131,087	61,224,407	101,259,914	110,166,317	6,627,501	372,651	674,810,641
-Micro-business loans	3,810,538	8,256,980	-	1,437,622	1,956,722	2,809,857	142,795	-	18,414,514
-Foreign currency loans	232,464,966	269,900,727	8,738,141	49,955,891	169,674,211	190,570,571	121,378,042	3,937,956	1,046,620,505
-Non-accrual loans	3,134,111	3,498,196	-	47,831	639,538	2,229,806	624,241	125,394	10,299,117
-Adjustment of discount and premium	(492,899)	(560,725)	-	(28,931)	(181,000)	(203,290)	(115,855)	(40,194)	(1,622,894)
Other financial assets	100,430	103,815	-	-	7,374	2,908	5,425	3,776	223,728
<b>Total</b>	<b>\$ 1,457,075,433</b>	<b>378,392,878</b>	<b>217,869,228</b>	<b>134,655,842</b>	<b>273,370,491</b>	<b>308,611,667</b>	<b>132,144,200</b>	<b>4,399,583</b>	<b>2,906,519,322</b>
<b>Off balance sheet</b>									
Guarantee and commitment	\$ 639,685,671	180,565,583	107,488,856	264,172,009	90,537,918	338,629,610	87,347,663	2,031,309	1,710,458,619

December 31, 2021					
	Public Sector	Corporate	Financial Institution	Individual Clients	Total
Financial assets measured at fair value through other comprehensive income – investment in debt instruments	\$ 73,830,968	64,049,874	103,122,766	10,515,027	251,518,635
Financial assets – hedging	5,077	-	257,790	-	262,867
Investment in debt instruments at amortized cost	758,023,489	162,974,593	26,036,495	1,082,117	948,116,694
<b>Total</b>	<b>\$ 831,859,534</b>	<b>227,024,467</b>	<b>129,417,051</b>	<b>11,597,144</b>	<b>1,199,898,196</b>

ii) By Area

December 31, 2022					
	Taiwan	North America	Asia (excluding Taiwan)	Others	Total
<b>On balance sheet</b>					
Financial assets measured at fair value through other comprehensive income- investment in debt instruments	\$ 18,410,805	42,430,961	130,225,147	17,193,794	208,260,707
Financial assets – hedging	18,389	-	-	-	18,389
Receivables – Credit card	101,785,801	-	-	-	101,785,801
Receivables – Factoring	8,847,316	2,958,762	8,432,543	1,920,174	22,158,795
<b>Loans</b>					
<b>Consumer finance</b>					
– Mortgage loans	951,062,232	-	-	-	951,062,232
– Automobile loans	79	-	-	-	79
– Consumer loans	222,651,702	-	-	-	222,651,702
<b>Corporate finance</b>					
– Corporate loans	878,497,956	449,364	1,600,187	679,500	881,227,007
– Micro-business loans	11,669,367	-	2,633	-	11,672,000
Foreign currency loans	36,262,743	172,694,917	906,018,525	72,508,821	1,187,485,006
Non-accrual loans	2,065,547	777,771	6,999,286	1,061,954	10,904,558
Adjustment of discount and premium	(754,320)	(132,662)	(849,598)	(22,733)	(1,759,313)
Investment in debt instruments at amortized cost	563,999,532	241,124,335	147,058,020	28,515,826	980,697,713
Other financial assets	108,834	-	170,119	-	278,953
<b>Total</b>	<b>\$ 2,794,625,983</b>	<b>460,303,448</b>	<b>1,199,656,862</b>	<b>121,857,336</b>	<b>4,576,443,629</b>
<b>Off balance sheet</b>					
Guarantee and commitment	\$ 1,339,728,104	29,505,872	386,977,808	21,008,251	1,777,220,035

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	December 31, 2021				
	Taiwan	North America	Asia (excluding Taiwan)	Others	Total
<u>On balance sheet</u>					
Financial assets measured at fair value through other comprehensive income-investment in debt instruments	\$ 20,271,698	52,493,849	153,954,808	24,798,280	251,518,635
Financial assets – hedging	259,412	-	3,455	-	262,867
Receivables – Credit card	88,999,401	-	-	-	88,999,401
Receivables – Factoring	11,196,271	3,345,687	18,695,049	599,716	33,836,723
<u>Loans</u>					
<u>Consumer finance</u>					
– Mortgage loans	833,361,070	-	-	-	833,361,070
– Automobile loans	117	-	-	-	117
– Consumer loans	201,576,400	-	-	-	201,576,400
<u>Corporate finance</u>					
– Corporate loans	673,134,962	365,196	1,142,173	168,310	674,810,641
– Micro-business loans	18,406,659	-	7,855	-	18,414,514
Foreign currency loans	43,584,468	122,919,844	823,945,111	56,171,082	1,046,620,505
Non-accrual loans	1,281,345	924,150	6,438,273	1,655,349	10,299,117
Adjustment of discount and premium	(581,910)	(34,757)	(980,047)	(26,180)	(1,622,894)
Investment in debt instruments at amortized cost	661,388,406	166,760,027	101,661,159	18,307,102	948,116,694
Other financial assets	81,038	-	142,690	-	223,728
<b>Total</b>	<b>\$ 2,552,959,337</b>	<b>346,773,996</b>	<b>1,105,010,526</b>	<b>101,673,659</b>	<b>4,106,417,518</b>
<u>Off balance sheet</u>					
Guarantee and commitment	<b>\$ 1,327,600,668</b>	<b>23,756,109</b>	<b>340,968,843</b>	<b>18,132,999</b>	<b>1,710,458,619</b>

- g) Credit risk analysis of financial assets, loan commitments and financial guarantee contracts of the Bank and subsidiaries

The measurement of expected credit losses of the Bank and subsidiaries is based on internal rating system and the estimation of three major credit risk components including Probability of Default (PD), Loss Given Default (LGD), and Exposure at Default (EAD), which are used to measure the 12-month and lifetime expected credit losses.

For Probability of Default, the Bank's institutional banking group develop the risk segmentation according to obligor's country, internal rating, status of credit risk, and industry. As for retail banking group, the risk segmentation is developed according to obligor's risk characteristics, credit score, and delinquency status.

For Loss Given Default, the Bank's institutional banking group develop the risk segmentation depending on whether the asset is partially secured, fully secured, or other else. As for retail banking group, risk factors are derived from the product characteristics, such as Loan-to-value, exposure, and collateral type.

Current exposure method or expected exposure approach is adopted for the estimation of exposure at default. The on-balance sheet exposure at default is measured by gross carrying amount (including accrued interest and accrued fees); the off-balance sheet exposure at default is estimated by carrying amount multiplied by credit conversion factor (CCF) under the Basel Accords - the standardize approach for credit risk.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

The criteria for identifying the significant increases in credit risk are set as below:

- i) Delinquent asset with interest or principal payments over 30 days; delinquent asset with interest or principal payments over 45 days for recourse factoring exposure; delinquent asset with interest or principal payments over 60 days for non-recourse factoring exposure (considering the credit risk characteristics and the amount of time required for reconciliation process, special overdue days criteria have been set to both Recourse and Non-recourse Factoring exposure).
- ii) Obligor's risk rating or collateral value at the reporting date deteriorates significantly compared to that at the initial recognition date.
- iii) Obligor placed in early warning list due to the mechanism of early warning or the probability of default of obligor similar with delinquent asset at reporting date.

The objective evidence of impairment generally includes the items as below:

- i) Significant financial difficulty of the issuer or obligor;
- ii) Adverse changes in the repayment status of borrower;
- iii) A breach of contract, such as a default or past due event;
- iv) The lender, for economic or contractual reasons relating to the borrower's financial difficulty, granting to the borrower a concession that the lender would not otherwise consider;
- v) Decease, dissolution, or it is becoming probable that the borrower will file for bankruptcy or undergo financial reorganization;
- vi) The disappearance of an active market for that financial asset because of financial difficulties;
- vii) Purchased or originated credit-impaired financial asset at a significant discount to the contractual par amount;
- viii) Counterparty defaulting on agreement of other financial instruments (e.g., transactions settlement failure, a bank decide to execute early termination of transactions, or loans originated from derivatives settlement failure).

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Estimation of expected credit losses that incorporates forward-looking information:

By analyzing the historically macroeconomic data, the relevant macroeconomic factors for credit risk of each portfolio (e.g., economic growth rate, consumer price index, interest rate or unemployment rate) are recognized, which are further adopted based on the correlation of the Bank's loss experience and consistency of forecast. The risk signals then are developed based on the chosen macroeconomic factors and apply the forward-looking adjustment by incorporating the internal and external loss experiences. Besides, to derive and reflect macro light forecasts for the next three years in the estimation of impairment allowance, the Bank considers and gets the average of macroeconomics forecasting derived from the chosen Business, Public Agencies, and Academic Institutions.

There is no significant change on the methodology or assumptions for assessment of expected credit losses at the reporting date.

Some financial assets held by the Bank and subsidiaries, such as cash and equivalent cash, due from central bank, call loans to banks, financial assets measured at fair value through profit or loss, financial assets measured at fair value through other comprehensive income, securities purchased under resell agreements, refundable deposits, operational guarantee deposits, and settlement fund, are excluded from this analysis since most of counterparties are normally with good credit quality and can be considered as low credit risk. Some products, such as certificate of deposit loan, due from banks, and call loans to banks, are treated as products with low credit risk in consideration of their characteristics and zero historically impaired experience. Below tables provide the expected credit risk analysis for the rest of financial assets.

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# CTBC BANK CO., LTD. AND SUBSIDIARIES

## Notes to the Consolidated Financial Statements

December 31, 2022

Item	Stage 1			Stage 2			Stage 3			Total(A)+(B)+(C)+(D)-(E)		
	Investment grade	Sub-investment grade	High Risk grade	Subtotal(A)	Investment grade	Sub-investment grade	High Risk grade	Subtotal(B)	Individually assessed impaired(C)		Collectively assessed impaired(D)	Impairment allowances(E)
<b>On balance sheet</b>												
Financial assets measured at fair value through other comprehensive income-investment in debt instruments	\$ 185,653,202	18,490,655	1,808,857	205,952,714	2,327,993	-	2,327,993	-	-	-	254,033	208,006,674
Financial assets — hedging	18,389	-	-	18,389	-	-	-	-	-	-	-	18,389
Receivables — Credit card	91,807,355	3,890,631	3,463,504	99,161,490	5,427	4,813	303,320	313,560	-	2,310,751	1,030,470	100,755,331
Receivables — Factoring	9,655,148	10,639,281	1,194,589	21,489,018	-	2,670	-	2,670	667,107	-	640,881	21,517,914
Loans												
Consumer finance												
— Mortgage loans	939,914,771	4,873,950	3,603,060	948,391,781	129,864	26,580	149,379	305,823	-	2,364,628	265,972	950,796,260
— Automobile loans	-	-	-	-	-	-	-	-	-	79	4	75
— Consumer loans	167,167,230	20,996,326	24,991,580	213,155,136	31,787	28,167	1,617,453	1,677,407	-	7,819,159	4,890,457	217,761,245
Corporate finance												
— Corporate loans	469,971,438	332,534,227	74,219,182	876,724,847	-	596,632	2,291,543	2,888,175	834,150	779,835	806,181	880,420,826
— Micro-business loans	4,697	8,094,386	2,009,816	10,108,899	-	266,595	817,718	1,084,313	190,824	287,964	106,636	11,565,364
Foreign currency loans	517,832,765	453,847,258	180,846,222	1,152,526,245	1,329,671	654,457	19,562,128	21,546,256	7,852,965	5,559,540	16,127,598	1,171,357,408
Non-accrual loans	4,667	-	-	4,667	91,990	-	562,163	654,153	4,486,979	5,758,759	8,248,737	2,655,821
Adjustment of discount and premium	(920,336)	(489,329)	(79,022)	(1,488,687)	720	2,199	(10,672)	(7,753)	(4,593)	(258,280)	(1,202)	(1,758,111)
Investment in debt instruments at amortized cost	888,358,052	81,546,327	10,399,207	980,303,586	-	-	92,883	92,883	301,244	-	51,723	980,645,990
Other financial assets	170,119	-	-	170,119	-	-	-	-	-	108,834	70,604	208,349
<b>Total</b>	<b>\$ 3,269,617,497</b>	<b>934,423,712</b>	<b>302,456,995</b>	<b>4,506,498,204</b>	<b>3,917,452</b>	<b>1,582,113</b>	<b>25,385,915</b>	<b>30,885,480</b>	<b>14,328,676</b>	<b>24,731,269</b>	<b>32,492,094</b>	<b>4,543,951,535</b>
<b>Off-balance sheet</b>												
Guarantee and commitment	\$ 1,216,937,944	463,627,714	95,056,200	1,775,621,858	8,579	16,385	1,335,031	1,359,995	3,000	235,182	459,546	1,776,760,489

(Continued)

# CTBC BANK CO., LTD. AND SUBSIDIARIES

## Notes to the Consolidated Financial Statements

Item	December 31, 2021										Total(A)+(B)+(C)+(D)-(E)	
	Stage 1			Stage 2			Stage 3			Impairment allowances(E)		
	Investment grade	Sub-investment grade	High Risk grade	Subtotal(A)	Investment grade	Sub-investment grade	High Risk grade	Subtotal(B)	Individually assessed impaired(C)			Collectively assessed impaired(D)
<b>On balance sheet</b>												
Financial assets measured at fair value through other comprehensive income-investment in debt instruments	\$ 223,386,623	26,075,597	-	249,462,220	2,056,415	-	2,056,415	-	-	-	204,566	251,314,069
Financial assets — hedging	262,867	-	-	262,867	-	-	-	-	-	-	-	262,867
Receivables — Credit card	74,384,721	8,931,319	3,042,524	86,358,564	2,080	8,128	179,173	189,381	-	2,451,456	1,106,874	87,892,527
Receivables — Factoring	14,146,289	17,143,935	1,944,955	33,235,179	-	-	-	-	601,544	-	824,988	33,011,735
<b>Loans</b>												
Consumer finance												
— Mortgage loans	821,014,968	7,853,365	1,670,549	830,538,882	111,078	16,219	128,594	255,891	-	2,566,297	243,121	833,117,949
— Automobile loans	-	-	-	-	-	-	-	-	-	117	7	110
— Consumer loans	138,904,675	40,784,584	13,223,931	192,913,190	22,968	55,333	923,682	1,001,983	-	7,661,227	3,808,558	197,767,842
Corporate finance												
— Corporate loans	352,203,701	268,272,839	51,334,804	671,811,344	50,050	529,013	851,421	1,430,484	1,568,813	-	566,389	674,244,252
— Micro-business loans	30,576	13,090,498	3,985,796	17,106,870	6,374	230,728	777,878	1,014,980	292,109	555	94,674	18,319,840
Foreign currency loans	376,614,477	442,391,445	193,195,398	1,012,201,320	1,573,483	568,871	18,042,728	20,185,082	8,834,142	5,399,961	12,441,593	1,034,178,912
Non-accrual loans	1,345	-	-	1,345	83,265	-	-	85,265	5,187,117	5,025,390	8,763,424	1,535,693
Adjustment of discount and premium	(673,710)	(556,666)	(115,711)	(1,346,087)	91	(754)	(27,758)	(28,421)	(4,085)	(244,301)	(669)	(1,622,225)
Investment in debt instruments at amortized cost	885,251,447	55,743,864	6,397,496	947,392,807	-	-	412,282	412,282	311,605	-	58,346	948,058,348
Other financial assets	19,087	-	-	19,087	-	-	-	-	123,603	81,038	151,070	72,658
<b>Total</b>	<b>\$ 2,885,547,066</b>	<b>879,730,780</b>	<b>274,679,742</b>	<b>4,039,957,588</b>	<b>3,907,804</b>	<b>1,407,538</b>	<b>21,288,000</b>	<b>26,603,342</b>	<b>16,914,848</b>	<b>22,941,740</b>	<b>28,262,941</b>	<b>4,078,154,577</b>
<b>Off-balance sheet</b>												
Guarantee and commitment	\$ 1,210,921,865	405,381,630	92,178,770	1,708,482,265	4,727	38,299	1,641,314	1,684,340	2,083	289,931	563,347	1,709,895,272

Note 1: The balances of impairment allowance, as shown above, are in compliance with the IFRSs accepted by FSC.

Note 2: Stage 1 is the loss allowance measured at 12-month expected credit loss of financial instrument.

Stage 2 is the loss allowance measured at lifetime ECL measurement and the credit risk of a financial asset at the reporting date has increased significantly.

Stage 3 is the loss allowance measured at lifetime ECL measurement and the credit losses has impaired of a financial asset at the reporting date.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

h) Foreclosed properties

Foreclosed properties of the Bank and subsidiaries are classified under other assets. Please refer to Note 6(r).

i) Disclosures required by the Regulations Governing the Preparation of Financial Reports by Public Banks

i) Asset quality of the Bank and subsidiaries' non-performing loans and overdue receivables

Unit: In Thousands of New Taiwan Dollars, %

Month/ Year			December 31, 2022				
			Non-performing loans	Total loans	Non-performing loans ratio	Allowance for credit losses	Coverage ratio
Corporate finance	Secured		5,051,090	649,345,641	0.78 %	32,833,037	294.63 %
	Unsecured (Note 10)		6,092,882	1,187,096,482	0.51 %		
Consumer finance	Residential mortgages		2,134,248	1,036,646,542	0.21 %	10,530,964	493.43 %
	Cash cards		17,781	962,963	1.85 %	25,366	142.66 %
	Micro credit loans	Original	2,024,238	218,432,565	0.93 %	7,656,896	378.26 %
		Purchase	-	364,687	- %	597	- %
	Others	Secured	222,483	163,776,884	0.14 %	1,572,943	301.35 %
		Unsecured	299,482	8,376,820	3.58 %		
Total loan business			15,842,204	3,265,002,584	0.49 %	52,619,803	332.15 %
			Overdue receivables	Balance of receivables	Delinquency ratio	Allowance for credit losses	Coverage ratio
Credit cards business			104,871	101,894,635	0.10 %	1,097,407	1,046.44 %
Without recourse factoring			-	22,158,795	- %	812,877	- %

Month/ Year			December 31, 2021				
			Non-performing loans	Total loans	Non-performing loans ratio	Allowance for credit losses	Coverage ratio
Corporate finance	Secured		4,466,755	571,335,165	0.78 %	28,322,039	251.42 %
	Unsecured (Note 10)		6,797,975	939,001,716	0.72 %		
Consumer finance	Residential mortgages		2,588,763	922,812,712	0.28 %	9,787,549	378.08 %
	Cash cards		22,648	1,145,861	1.98 %	42,483	187.58 %
	Micro credit loans	Original	1,452,654	196,345,410	0.74 %	6,280,169	432.32 %
		Purchase	-	38	- %	-	- %
	Others	Secured	204,032	147,819,012	0.14 %	1,976,559	426.66 %
		Unsecured	259,234	6,622,450	3.91 %		
Total loan business			15,792,061	2,785,082,364	0.57 %	46,408,799	293.87 %
			Overdue receivables	Balance of receivables	Delinquency ratio	Allowance for credit losses	Coverage ratio
Credit cards business			78,555	89,080,439	0.09 %	1,155,935	1,471.50 %
Without recourse factoring			-	32,160,974	- %	824,793	- %

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- Note 1: The Bank's non-performing loans represent the amount of overdue loans as reported in accordance with the "Regulations on the Procedures for Banking Institutions to Evaluate Assets and Deal with Past Due/Non-performing Loans". The credit card overdue loans represent the amount of overdue loans as reported in accordance with Jin Kuan Yin (4) Zi No. 0944000378, dated July 6, 2005.
- Note 2: Non-performing loans ratio = Non-performing loans ÷ total loans; Credit card delinquency ratio = Overdue receivables ÷ balance of receivables.
- Note 3: Coverage ratio for loans = Allowance for credit losses ÷ non-performing loans; Coverage ratio for credit card = Allowance for credit losses ÷ overdue receivables.
- Note 4: For residential mortgage loans, a borrower provides his/her (or spouse's or minor child's) house as collateral in full and pledges it to the financial institution for the purpose of obtaining funds to purchase property and to construct or repair a house.
- Note 5: Microcredit loans are defined by Jin Kuan Yin (4) Zi No. 09440010950, dated December 19, 2005, and do not include credit cards or cash cards.
- Note 6: Others in consumer finance are secured and unsecured consumer loans other than residential mortgage loans, cash cards, and microcredit loans, and do not include credit cards.
- Note 7: In accordance with Jin Kuan Yin (5) Zi No. 094000494, dated July 19, 2005, receivables without recourse factoring will be classified as overdue receivables within 3 months after the date that suppliers or insurance companies resolve not to compensate the loss.
- Note 8: The balances of impairment allowance, as shown above, are calculated in accordance with the IFRSs accepted by FSC and "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/Non-accrual Loans", and other related regulations. Additionally, the amounts exclude non-accrual loans arising from guarantees. Related allowance for credit losses is recognized under provisions.
- Note 9: Supplemental disclosures:
- The information below shows supplemental disclosures of the Bank's loans and receivables that may be exempted from reporting as non-performing loans and overdue receivables, respectively.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Unit: In Thousands of New Taiwan Dollars

	December 31, 2022		December 31, 2021	
	Loans that may be exempted from reporting as a non-performing loan	Receivables that may be exempted from reporting as overdue receivables	Loans that may be exempted from reporting as a non-performing loan	Receivables that may be exempted from reporting as overdue receivables
Pursuant to a contract under a debt negotiation plan (Note 1)	11,271	225,888	18,340	185,264
Pursuant to a contract under a debt liquidation plan and a debt relief plan (Note 2)	682,250	60,198	684,277	63,469
Total	693,521	286,086	702,617	248,733

Note 1: In accordance with Jin Kuan Yin (1) Zi No. 09510001270, dated April 25, 2006, a bank is required to make supplemental disclosure of credit information which was approved under the “debt coordination mechanism of unsecured consumer debts by the Bankers Association of the R.O.C.”

Note 2: In accordance with Jin Kuan Yin (1) Zi No. 09700318940, dated September 15, 2008, and with Jin Kuan Yin No. 10500134790, dated September 20, 2016, a bank is required to make supplemental disclosure of credit information once debtors apply for pre negotiation, pre-meditation relief and liquidation under the “Consumer Debt Clearance Act.”

Note 10: Those loans that are not 100% backed by collateral are classified as unsecured.

ii) Concentration of the Bank’s credit extensions

Unit: In Thousands of New Taiwan Dollars, %

December 31, 2022			
Ranking	Enterprise group by industry sector	Credit amount	Credit amount/ stockholders’ equity (%)
1	A group. Other comprehensive commodity retailing	25,309,692	7.49 %
2	B group. Other unclassified manufacture of other electronic parts and components	24,882,630	7.37 %
3	C group. Automobile wholesale	13,796,244	4.09 %
4	D group. Other unclassified financial service	11,650,969	3.45 %
5	E group. Other unclassified financial service	10,438,669	3.09 %
6	F group. Semiconductor manufacturing	9,689,800	2.87 %
7	G group. Electronic passive devices manufacturing	9,370,076	2.77 %
8	H group. Real estate leasing	8,671,875	2.57 %
9	I group. Semiconductor manufacturing	8,407,770	2.49 %
10	J group. Cable telecommunications	8,009,179	2.37 %

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

December 31, 2021			
Ranking	Enterprise group by industry sector	Credit amount	Credit amount/ stockholders' equity (%)
1	B group. Panel and components manufacturing	14,725,006	4.65 %
2	A group. Department store	13,547,694	4.28 %
3	J group. Cable telecommunications	9,110,158	2.88 %
4	D group. Other unclassified financial service	7,524,305	2.37 %
5	H group. Other unclassified financial service	7,406,044	2.34 %
6	K group. Electricity supply	7,037,820	2.22 %
7	L group. Iron and steel smelting	6,658,775	2.10 %
8	M group. Other unclassified financial service	6,181,780	1.95 %
9	N group. Air transport	6,016,262	1.90 %
10	I group. Electric wires and cable manufacturing	5,991,565	1.89 %

Note 1: The top 10 enterprise groups other than government or state-owned enterprises are ranked according to their total outstanding credit amount. If the borrowers belong to an enterprise group, the aggregate credit balance of the enterprise should be calculated and disclosed as a code number for each such borrower together with an indication of the borrowers' line of business. In addition, if the borrowers are enterprise groups, the enterprise group's industry sector with the maximum exposure to credit risk in its main industry sector should be disclosed, along with the "class" of the industry, in compliance with the Standard Industrial Classification System of the R.O.C. posted by the Directorate General of Budget, Accounting and Statistics, Executive Yuan, R.O.C.

Note 2: Enterprise group is as defined in Article 6 of the "Supplementary Provisions to the Taiwan Stock Exchange Corporation Rules for Review of Securities Listings."

Note 3: The total outstanding credit amount is the sum of the balances of all loan types (including import and export bill negotiations, loans, overdrafts, short/medium/long term secured and unsecured loans, margin loans receivable, and non-accrual loans), bills purchased, without recourse factoring, acceptances receivable, and guarantees receivable.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

3) Liquidity Risk Management Mechanism

a) Definition and sources of liquidity risk

Liquidity risk of the Bank and subsidiaries refer to the risk of inability to obtain funds at a reasonable cost within a reasonable timeframe to meet financial obligations, and thus impact on the reduction of the Bank and subsidiaries' profits or economic value.

Liquidity risk may stem from external and internal factors, such as undermined payment capability caused by financial market volatility, early withdraws and concerns of creditors or depositors over the Bank's ability to meet payment obligations due to credit, market or operational risk.

b) Objectives of liquidity risk management

Since there were costs associated with the level of liquidity, the liquidity risk management for the Bank and subsidiaries aim to satisfy the funding needs by allocating the assets and liabilities in the most cost-effective way within the approved risk tolerance to balance the risk and return.

c) Management procedures and risk measurement of liquidity risk

The Bank and subsidiaries have constructed a sound liquidity risk management framework and procedures according to the "Asset and Liability Management Policy" which clearly defined the rights and responsibilities of each unit and three defense lines of risk management, in addition to established and enhanced liquidity risk management mechanism that included identification, measurement, monitoring and reporting, as the foundation of liquidity risk management of the Bank and subsidiaries. By periodically monitoring the liquidity limit approved, continuously conducting the development and application of quantitative risk assessment tools, and studying liquidity related issues, the liquidity risk is properly managed. The Bank's qualitative risk appetite is defined as "The Bank constantly maintains a balanced asset and liability structure, diversifies funding sources, establishes stable deposit base and prudently arranges cash flows to ensure the Bank is capable of sustaining business growth and satisfying liability maturity under normal liquidity scenario, and meeting various obligations under certain stressed scenarios."

Funding Management Unit is the actual liquidity management unit for the Bank and subsidiaries and maintenance the liquidity is its ultimate priority. The risk management unit will monitor the liquidity risk independently. The main responsibilities of funding management unit are as follows:

- i) Keep abreast of market condition, and monitor the Bank's liquidity to ensure the capacity to meet the intraday payment obligation.
- ii) Adjust funding gap and liquidity to conform exposure within the Bank's risk appetite and regulatory requirements, and support customers' funding needs by use of different funding instruments with different amount and maturity.

(Continued)

## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

- iii) Diversify funding instruments and counterparties in order to reduce the concentration.
- iv) Activate Contingency Funding Plan (CFP) and adjust positions when a liquidity crisis is detected.

The liquidity risk management unit is responsible to identify the cause of liquidity risk, develop and enhance the measurement of risk, periodically conduct the risk reports, monitor early warning triggers of liquidity risk, activate the Contingency Funding Plan when liquidity crisis is detected, and monitor the effectiveness of action plan.

The scope and characteristics of risk measurements and reporting system are as follows:

- i) Establish the thorough liquidity risk measurement for measuring liquidity risks. The common methods are as follows:
  - 1. Use quantitative limits of short term borrowing and repo as well as MCO (Maximum Cumulative Outflow) to periodically analysis the changing of funding source componse and mismatch of maturity, in order to monitor the composition of funding sources and the changes of the funding surplus or shortage for each timeframe in major currencies as early warnings of liquidity risk.
  - 2. Liquidity risk heat map: Liquidity risk indicators can be further developed into an easily understandable map to facilitate systematic monitoring through display the light interval graph and to effectively highlight changes, causes and impact.
- ii) The liquidity risk management unit periodically conducts the risk reports, which contain the analysis of limit usage and liquidity risk indicators. The risk report with supporting stress test result will periodically be submitted to related risk management meetings. For important liquidity risk issues, depending on the impact, they will be reported to the management level of Bank or the Holding' to discuss the action plan. It assist the management level to control and respond the changing of risk exposure, so as to take a comprehensive view and coordinate various business units to adjust risk exposure and balance risks and returns.
- d) Risk mitigation and hedge of liquidity risk

Through liquidity risk management framework, the Bank and subsidiaries maintain sufficient liquidity status and robust funding structure. By using rigorous liquidity risk measurement and strict supervision, the Bank and subsidiaries can detect potential issues on liquidity risk at an early stage and report them during the risk management meeting. Also, the Bank and subsidiaries can thoroughly monitor, and coordinate with, each business unit to adjust the exposure by taking into consideration the risk and return. All relevant units shall adjust their strategies according to the resolution of the risk management meeting to effectively avoid the occurrence of liquidity risks. Once the risk has exceeded its limit, the risk

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

management unit will analyze the cause and the primary business unit which causes the change on the risks, then the business unit responsible should report the action plans and follow ups to the relevant authority for approval. The related unit should keep track of the pace of improvement on its performance and timely adjust its strategy to ensure that the risk could be decreased effectively.

Being one of domestic systemically important banks(D-SIBs) in Taiwan, the Bank and subsidiaries have set up rigorous monitoring index and stress tests additionally to detect liquidity risk at early stages. The Bank and subsidiaries also follow the instruction of the contingency funding plan to integrate each resource in order to promptly deal with the liquidity crises and to ensure liquidity for steady operation.

e) Maturity analysis of non-derivatives liabilities

Table below shows the analysis of cash outflows of non-derivatives liabilities based on time remaining until the contractual maturity date. The amount disclosed is based on contractual cash flows and may be different from that included in the consolidated balance sheets.

	December 31, 2022					
	0~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year	Total
Deposits from Central Bank and other banks	\$ 84,521,664	10,524,688	1,590,558	946,821	-	97,583,731
Due to Central Bank and other banks	2,610,721	4,296,099	4,420,242	486,461	4,799,461	16,612,984
Non-derivative financial liabilities measured at fair value through profit or loss	-	-	-	-	8,715,400	8,715,400
Securities sold under repurchase agreements	76,404,947	57,487,196	-	-	-	133,892,143
Payables	32,429,779	12,230,137	12,688,992	21,308,833	51,605,647	130,263,388
Current income tax liabilities	-	-	5,401,616	-	-	5,401,616
Deposits and remittances	2,894,133,953	561,132,176	372,209,261	626,387,593	160,752,850	4,614,615,833
Financial debentures	-	-	2,000,000	-	53,433,600	55,433,600
Other financial liabilities	4,519,888	8,384,272	12,565,562	20,437,090	4,658,657	50,565,469
Commercial papers payable	1,066,800	1,155,700	444,500	-	-	2,667,000

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	December 31, 2021					
	0~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year	Total
Deposits from Central Bank and other banks	\$ 42,215,703	8,166,533	3,372,434	1,194,749	830	54,950,249
Due to Central Bank and other banks	1,963,827	7,176,247	3,918,282	1,054,119	1,156,503	15,268,978
Non-derivative financial liabilities measured at fair value through profit or loss	-	-	-	-	10,541,448	10,541,448
Securities sold under repurchase agreements	67,627,540	25,350,298	-	-	-	92,977,838
Payables	26,238,871	7,689,974	7,410,633	13,114,963	51,298,030	105,752,471
Current income tax liabilities	-	-	8,305,699	-	-	8,305,699
Deposits and remittances	2,701,609,041	400,504,769	326,593,891	506,275,878	176,601,087	4,111,584,666
Financial debentures	-	747,000	2,700,000	664,000	55,290,250	59,401,250
Other financial liabilities	2,834,577	6,623,544	7,843,645	11,085,181	5,284,684	33,671,631
Commercial papers payable	841,973	3,728,053	1,904,420	-	-	6,474,446

Note: For demand deposits included in “Deposits and remittances”, the amount will be disclosed in the earliest period since such deposits can be withdrawn at any time.

f) Maturity analysis of derivatives liabilities

i) Net settled derivatives

Net settled derivatives engaged by the Bank and subsidiaries include but not limited to:

Foreign exchange derivatives: non-deliverable forwards and net settled FX options;

Interest rate derivatives: forward rate agreement, interest rate swaps, and interest rate futures;

Other derivatives: equity options and commodity futures.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

For derivatives held by trading purpose, the amount will be disclosed in the earliest period with fair value to reflect the nature of short-term trading behavior; for hedging derivatives, the amount disclosed is based on contractual cash flow and may be different from that included in the consolidated balance sheets. The maturity analysis of net settled derivatives liabilities is as follows:

		<b>December 31, 2022</b>					
		<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Derivative financial liabilities measured at fair value through profit or loss							
– Foreign exchange derivatives	\$	3,580,004	-	-	-	-	3,580,004
– Interest rate derivatives		20,528,123	-	-	-	-	20,528,123
– Other derivatives		589,902	-	-	-	-	589,902
Derivative financial liabilities – hedging							
– Foreign exchange derivatives		-	-	1,074,688	-	-	1,074,688
<b>Total</b>	<b>\$</b>	<b><u>24,698,029</u></b>	<b><u>-</u></b>	<b><u>1,074,688</u></b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>25,772,717</u></b>
		<b>December 31, 2021</b>					
		<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Derivative financial liabilities measured at fair value through profit or loss							
– Foreign exchange derivatives	\$	1,271,312	-	-	-	-	1,271,312
– Interest rate derivatives		11,161,695	-	-	-	-	11,161,695
– Other derivatives		149,488	-	-	-	-	149,488
Derivative financial liabilities – hedging							
– Foreign exchange derivatives		-	-	969,013	-	-	969,013
<b>Total</b>	<b>\$</b>	<b><u>12,582,495</u></b>	<b><u>-</u></b>	<b><u>969,013</u></b>	<b><u>-</u></b>	<b><u>-</u></b>	<b><u>13,551,508</u></b>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

ii) Gross settled derivatives

Gross settled derivatives engaged by the Bank and subsidiaries include:

Foreign exchange derivatives: forwards, currency swaps, cross currency swaps, and gross settled currency options. For forwards, currency swaps, and cross currency swaps, the amount disclosed is based on contractual cash flow and may be different from that included in the consolidated balance sheet; for gross settled currency options, the amount will be disclosed in the earliest period with fair value, as currency options are for trading purpose and can be disposed anytime. The maturity analysis of gross settled derivatives liabilities is as follows:

<b>December 31, 2022</b>						
	<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Derivative financial liabilities measured at fair value through profit or loss						
– Foreign exchange derivatives						
– Cash outflow	\$ 1,594,235,591	849,554,883	614,657,359	624,854,311	70,113,903	3,753,416,047
– Cash inflow	1,593,375,580	849,661,997	614,094,602	625,221,251	69,991,052	3,752,344,482
Derivative financial liabilities – hedging						
– Foreign exchange derivatives						
– Cash outflow	25,444,374	-	-	-	-	25,444,374
– Cash inflow	24,927,820	-	-	-	-	24,927,820
Cash outflow subtotal	<u>1,619,679,965</u>	<u>849,554,883</u>	<u>614,657,359</u>	<u>624,854,311</u>	<u>70,113,903</u>	<u>3,778,860,421</u>
Cash inflow subtotal	<u>1,618,303,400</u>	<u>849,661,997</u>	<u>614,094,602</u>	<u>625,221,251</u>	<u>69,991,052</u>	<u>3,777,272,302</u>
Net cash flow	<u>\$ (1,376,565)</u>	<u>107,114</u>	<u>(562,757)</u>	<u>366,940</u>	<u>(122,851)</u>	<u>(1,588,119)</u>
<b>December 31, 2021</b>						
	<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Derivative financial liabilities measured at fair value through profit or loss						
– Foreign exchange derivatives						
– Cash outflow	\$ 835,464,876	575,560,766	489,561,011	510,746,621	15,694,091	2,427,027,365
– Cash inflow	835,307,474	574,366,548	489,056,997	511,500,024	15,634,290	2,425,865,333
Derivative financial liabilities – hedging						
– Foreign exchange derivatives						
– Cash outflow	14,442,889	10,156,496	-	-	-	24,599,385
– Cash inflow	14,572,227	10,288,879	-	-	-	24,861,106
Cash outflow subtotal	<u>849,907,765</u>	<u>585,717,262</u>	<u>489,561,011</u>	<u>510,746,621</u>	<u>15,694,091</u>	<u>2,451,626,750</u>
Cash inflow subtotal	<u>849,879,701</u>	<u>584,655,427</u>	<u>489,056,997</u>	<u>511,500,024</u>	<u>15,634,290</u>	<u>2,450,726,439</u>
Net cash flow	<u>\$ (28,064)</u>	<u>(1,061,835)</u>	<u>(504,014)</u>	<u>753,403</u>	<u>(59,801)</u>	<u>(900,311)</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

g) Maturity analysis of off-balance-sheet items

Table below shows the maturity analysis of off-balance-sheet items for the Bank and subsidiaries. The amount of the guarantee and committed credit lines will be allocated to the earliest period when such obligation can be exercised at anytime by clients. The amount disclosed is based on contractual cash flow and may be different from that included in the consolidated balance sheets.

	<b>December 31, 2022</b>					
	<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~ 1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Financial guarantee contracts	\$ 75,894,659	-	-	-	-	75,894,659
Unused amount of irrevocable loan commitments	126,350,168	-	-	-	-	126,350,168
Unused amount of irrevocable letter of credit	23,606,720	-	-	-	-	23,606,720
Unused amount of irrevocable credit card commitments	594,944,904	-	-	-	-	594,944,904
<b>Total</b>	<b>\$ 820,796,451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>820,796,451</b>
	<b>December 31, 2021</b>					
	<b>0~30 days</b>	<b>31~90 days</b>	<b>91~180 days</b>	<b>181 days~ 1 year</b>	<b>Over 1 year</b>	<b>Total</b>
Financial guarantee contracts	\$ 79,162,101	-	-	-	-	79,162,101
Unused amount of irrevocable loan commitments	145,367,931	-	-	-	-	145,367,931
Unused amount of irrevocable letter of credit	28,045,795	-	-	-	-	28,045,795
Unused amount of irrevocable credit card commitments	580,027,162	-	-	-	-	580,027,162
<b>Total</b>	<b>\$ 832,602,989</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>832,602,989</b>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

h) Disclosures required by the Regulations Governing the Preparation of Financial Reports by Public Banks

i) Maturity analysis of the Bank's assets and liabilities for New Taiwan Dollars

December 31, 2022

Unit: In Millions of New Taiwan Dollars

	Total	Amount remaining to maturity date					
		0~10 days	11~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 3,514,506	467,800	373,291	330,966	263,657	306,920	1,771,872
Major cash outflow at maturity	3,965,363	202,455	323,708	572,698	564,759	942,957	1,358,786
Gap	(450,857)	265,345	49,583	(241,732)	(301,102)	(636,037)	413,086

December 31, 2021

Unit: In Millions of New Taiwan Dollars

	Total	Amount remaining to maturity date					
		0~10 days	11~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 3,219,995	421,002	342,233	241,056	294,195	302,409	1,619,100
Major cash outflow at maturity	3,684,521	130,417	257,307	470,116	556,775	975,966	1,293,940
Gap	(464,526)	290,585	84,926	(229,060)	(262,580)	(673,557)	325,160

Note: The above tables refer to the Bank's overall position denominated in NTD.

ii) Maturity analysis of the Bank's assets and liabilities for U.S. Dollars

December 31, 2022

Unit: In Thousands of U.S. Dollars

	Total	Amount remaining to maturity date				
		0~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 100,939,327	39,967,082	19,567,754	11,634,133	11,547,342	18,223,016
Major cash outflow at maturity	133,622,332	41,891,332	24,867,021	17,709,889	25,462,310	23,691,780
Gap	(32,683,005)	(1,924,250)	(5,299,267)	(6,075,756)	(13,914,968)	(5,468,764)

December 31, 2021

Unit: In Thousands of U.S. Dollars

	Total	Amount remaining to maturity date				
		0~30 days	31~90 days	91~180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 75,537,467	25,297,634	14,128,084	11,204,363	10,705,549	14,201,837
Major cash outflow at maturity	109,818,833	26,641,964	18,039,408	16,364,032	22,509,785	26,263,644
Gap	(34,281,366)	(1,344,330)	(3,911,324)	(5,159,669)	(11,804,236)	(12,061,807)

Note: The above tables refer to the Bank's overall position denominated in USD.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

iii) Maturity analysis of the Bank's overseas branches' assets and liabilities for U.S. Dollars

December 31, 2022

Unit: In Thousands of U.S. Dollars

	Total	Amount remaining to maturity date				
		0-30 days	31-90 days	91-180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 50,972,573	22,083,142	7,110,495	6,233,774	8,139,132	7,406,030
Major cash outflow at maturity	60,034,706	20,269,562	11,516,124	9,236,383	12,638,469	6,374,168
Gap	(9,062,133)	1,813,580	(4,405,629)	(3,002,609)	(4,499,337)	1,031,862

December 31, 2021

Unit: In Thousands of U.S. Dollars

	Total	Amount remaining to maturity date				
		0-30 days	31-90 days	91-180 days	181 days~1 year	Over 1 year
Major cash inflow at maturity	\$ 36,476,309	14,666,807	6,026,166	5,591,854	5,416,423	4,775,059
Major cash outflow at maturity	44,739,165	14,361,466	7,292,696	7,223,001	9,727,875	6,134,127
Gap	(8,262,856)	305,341	(1,266,530)	(1,631,147)	(4,311,452)	(1,359,068)

4) Interest rate benchmark reform

A fundamental reform of major interest rate benchmarks is being undertaken globally, including the replacement of London Interbank Offered Rate (LIBOR) with alternative nearly risk-free rate. The Bank intends to convert the risk exposure of financial instruments related to interest rate benchmark of LIBOR. According to the cessation date of LIBOR announced by the Financial Conduct Authority (FCA) in March 2021, the non-USD LIBOR and the 1-week and 2-month USD LIBOR, retired at the end of 2021, while the remaining tenors of USD LIBOR are postponed retiring at the end of June of 2023. The Bank and subsidiaries will continuously adjust the contract modification or add appropriate fallback provisions before the cessation date of LIBOR. Since the interest rate benchmark reform of LIBOR will impact the Bank's operation and risk management and accounting, the Bank has formally established a cross-functional project team since March 2020, to initiate the project of LIBOR transition; the scope of the project contains overseas branches and subsidiaries. In addition to coordinate the project implementation of domestic and overseas branches, the Bank's project team will also provide the planning content of headquarters for reference by the overseas subsidiaries' project team to ensure the corporate-wide consistency of project implementation.

The project team is responsible for setting timeline, monitoring the progress, and mitigating potential risks in the implementation of the project. It also closely tracks the regulatory key milestones and recommendations by local authorities on LIBOR reforms, and regularly reports to the LIBOR transition project steering committee.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

In response to the interest rate benchmark reform of LIBOR, the Bank and subsidiaries are currently modifying or preparing to modify contract terms, adjusting related systems and operating procedures, restarting bilateral negotiations with clients on transactions related to interest rate benchmark of LIBOR, updating contract terms, signing supplementary agreements or negotiating other arrangements, and establishing control mechanisms to keep track of the progress of transition.

The financial instruments that should be converted, but not yet converted, of the Bank and subsidiaries on December 31, 2022 are as follows:

Unit: In Thousands of US Dollars/Thousands of SGD Dollars/Thousands of THB dollars

Position	USD LIBOR	SOR	THBFIX
Derivatives (Notional amount)	USD 7,144,870	SGD 574,463	THB 3,190,000
Non-derivative financial instruments assets (Par value)	USD 4,372,728	-	THB 10,154,045
Non-derivative financial instruments liabilities (Par value)	USD 2,500	-	-

(iv) Transferred financial assets that are not fully derecognized

The transactions, relating to transferred financial assets not qualifying for full derecognition, the Bank and subsidiaries conduct during daily operation mostly involve securities lending in accordance to repurchase agreements. Since the right to receive contractual cash flow has been transferred to others and the Bank and subsidiaries' obligation to repurchase the transferred assets for a fixed price at a future date is recognized under liabilities, the said transferred assets are not fully derecognized.

Types of financial assets	December 31, 2022				
	Carrying amount of transferred financial assets	Carrying amount of associated financial liabilities	Fair value of transferred financial assets	Fair value of associated financial liabilities	Net fair value
Financial assets measured at fair value through profit or loss					
Repurchase agreement	\$ 19,299,830	19,340,314	19,299,830	19,340,314	(40,484)
Financial assets measured at fair value through other comprehensive income					
Repurchase agreement	27,649,241	27,547,333	27,649,241	27,547,333	101,908
Investment in debt instruments at amortized cost					
Repurchase agreement	98,155,160	87,004,496	123,121,241	87,004,496	36,116,745

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Types of financial assets</u>	<u>December 31, 2021</u>				
	<u>Carrying amount of transferred financial assets</u>	<u>Carrying amount of associated financial liabilities</u>	<u>Fair value of transferred financial assets</u>	<u>Fair value of associated financial liabilities</u>	<u>Net fair value</u>
Financial assets measured at fair value through profit or loss					
Repurchase agreement	\$ 2,477,898	3,234,506	2,477,898	3,234,506	(756,608)
Financial assets measured at fair value through other comprehensive income					
Repurchase agreement	17,243,358	14,891,388	17,243,358	14,891,388	2,351,970
Investment in debt instruments at amortized cost					
Repurchase agreement	82,081,394	74,851,944	82,742,294	74,851,944	7,890,350

(v) **Offsetting financial assets and financial liabilities**

The Bank and subsidiaries have an exercisable master netting arrangement or similar agreement in place with counterparties. When both parties reach a consensus regarding net settlement, the aforesaid exercisable master netting arrangement or similar agreement can be net settled by offsetting financial assets and financial liabilities. If not, the transaction can be settled at the total amount. In the event of default involving one of the parties, the other party can have the transaction net settled.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

The following tables present the aforementioned offsetting financial assets and financial liabilities.

December 31, 2022						
Financial assets that are offset, have an exercisable master netting arrangement or similar agreement						
	Gross amounts of recognized financial assets (a)	Gross amounts of financial liabilities offset in the balance sheet (b)	Net amount of financial assets presented in the balance sheet (c)=(a)-(b)	Amounts not off set in the balance sheet (d)		Net amount (e)=(c)-(d)
				Financial instruments (Note)	Cash collateral received	
Derivative financial assets	\$ 58,091,466	-	58,091,466	35,898,375	7,816,837	14,376,254
December 31, 2022						
Financial liabilities that are offset, have an exercisable master netting arrangement or similar agreement						
	Gross amounts of recognized financial liabilities (a)	Gross amounts of financial assets offset in the balance sheet (b)	Net amount of financial liabilities presented in the balance sheet (c)=(a)-(b)	Amounts not off set in the balance sheet (d)		Net amount (e)=(c)-(d)
				Financial instruments (Note)	Cash collateral pledged	
Derivative financial liabilities	\$ 62,825,702	-	62,825,702	36,645,550	10,910,337	15,269,815
December 31, 2021						
Financial assets that are offset, have an exercisable master netting arrangement or similar agreement						
	Gross amounts of recognized financial assets (a)	Gross amounts of financial liabilities offset in the balance sheet (b)	Net amount of financial assets presented in the balance sheet (c)=(a)-(b)	Amounts not off set in the balance sheet (d)		Net amount (e)=(c)-(d)
				Financial instruments (Note)	Cash collateral received	
Derivative financial assets	\$ 34,004,704	-	34,004,704	23,846,478	4,057,742	6,100,484
December 31, 2021						
Financial liabilities that are offset, have an exercisable master netting arrangement or similar agreement						
	Gross amounts of recognized financial liabilities (a)	Gross amounts of financial assets offset in the balance sheet (b)	Net amount of financial liabilities presented in the balance sheet (c)=(a)-(b)	Amounts not off set in the balance sheet (d)		Net amount (e)=(c)-(d)
				Financial instruments (Note)	Cash collateral pledged	
Derivative financial liabilities	\$ 35,447,808	-	35,447,808	23,798,416	3,523,634	8,125,758

Note: Master netting arrangements and non-cash financial collaterals are included.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(vi) Capital management

1) Capital management goal and procedure

The goal of the Bank's capital management is to meet the regulatory requirement on capital adequacy and the organization's target of maximizing returns for shareholders by implementing the capital management procedures and improving the efficiency of capital utilization.

Both short-term and long-term capital demands shall be considered in capital planning. The annual capital plan shall be drawn with reference to the business plan, the internal planning referenced indicators of each capital ratio, current and future estimated capital demands, and committed returns for shareholders of the Bank. A backup plan shall also be established to fulfill unplanned capital demands. The Bank also regularly conducts stress tests and scenario simulation analyses to calculate capital ratios, fully taking into account external conditions and other factors, including potential risks, changes in financial markets, and other events impacting risk taking capabilities, to make sure that the Bank can maintain adequate capital in case of detrimental events and huge market changes.

Planning for yearly earnings distribution follows the principles and a ratio mandated by the articles of incorporation and dividend policy, and is put into effect after being approved by the Board of Directors on behalf of the shareholders'. Capital adequacy, potential investment needs, and dividend amount of previous years are taken into account. The needs to maintain proper financial ratios and satisfy fund requirement of the parent company are also preconditions of the distribution.

2) Definition and regulation

The regulator of the Bank is the FSC of the Republic of China, and the Bank follows the "Regulations Governing the Capital Adequacy and Capital Category of Banks" issued by the FSC.

According to the regulations aforementioned, the ratio of regulatory capital to risk-weighted assets (hereinafter referred to as the "capital ratios") shall mean common equity tier 1 ratio, Tier 1 capital ratio, and total capital adequacy ratio. Besides calculating these stand-alone capital ratios of the Bank, it should also calculate capital ratios by consolidating its investments in subsidiaries in financial statements prepared in accordance with IFRS 10, and the stand-alone and consolidated capital ratios should follow Section 5 of Paragraph 1 of Article 2 of the "Regulations Governing the Capital Adequacy and Capital Category of Banks."

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

3) Regulatory capital

The Bank's regulatory capital is divided into net Tier 1 Capital and net Tier 2 Capital following the "Regulations Governing the Capital Adequacy and Capital Category of Banks":

- a) Net Tier 1 Capital: The aggregate amount of net Common Equity Tier 1 and net additional Tier 1 Capital.
  - Net common equity Tier 1 Capital: Primarily consists of the aggregate amount of Common stock and its additional paid in capital, Capital collected in advance, Capital surplus, Legal reserve, Special reserve, accumulated profit or loss, Non-controlling interests, and Other equity interest items, minus intangible assets, deferred income tax assets due to losses from the previous year, the insufficiency of operational reserves and loan loss provisions, the revaluation surplus of real estate, and statutory adjustment items calculated in accordance with "the Methods for Calculating Bank's Regulatory Capital and Risk Weighted Assets".
  - Net additional Tier 1 Capital: Consists of the aggregate amount of non-cumulative perpetual preferred stock and its additional paid in capital, non-cumulative perpetual subordinated debts, additional Tier 1 Capital issued by the Bank's subsidiaries and not directly or indirectly held by the Bank, minus statutory adjustment items calculated in accordance with "the Methods for Calculating Bank's Regulatory Capital and Risk Weighted Assets".
- b) Net Tier 2 Capital: Consists of the aggregate amount of cumulative perpetual preferred stock and its additional paid in capital, cumulative perpetual subordinated debts, convertible subordinated debts, long-term subordinated debts, non-perpetual preferred stock and its additional paid in capital, the increase in retained earnings when fair value or re-estimated value is adopted as deemed cost for the first-time adoption of IFRSs on premises, 45% of unrealized gains on changes in the fair value of investment properties using fair value method, as well as the 45% of unrealized gains on financial assets measured at fair value through other comprehensive income, operational reserves and loan-loss provisions, and Tier 2 Capital issued by the Bank's subsidiaries and not directly or indirectly held by the Bank, minus statutory adjustment items calculated in accordance with "the Methods for Calculating Bank's Regulatory Capital and Risk Weighted Assets".

The Bank issues different capital instruments via versatile venues to maintain a sound capital structure. The Bank does not provide holders of such capital instruments with relevant financing. Subsidiaries of the financial holding company, to which the Bank belongs, do not own such capital instruments.

The regulator examines a Bank's capital category in accordance with capital ratios and net worth to total assets. When the Bank's capital is graded as inadequate capital, significantly inadequate capital or seriously inadequate capital by the regulator, the regulator shall take prompt corrective actions pursuant to Sections 1 to 3, Paragraph 1, Article 44 2 of the Banking Act.

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## **CTBC BANK CO., LTD. AND SUBSIDIARIES**

### **Notes to the Consolidated Financial Statements**

The aforementioned regulations governing categories issued by the regulator follows the new BASEL capital agreement issued by Bank for International Settlements. A brief description of three pillars of the agreement and the Bank's compliance with them is as below:

i) Pillar 1

Pillar 1 covers the capital requirement for credit risk, market risk, and operational risk.

1. Credit risk measures bank's risk of financial loss resulting from borrowers, guarantors or counterparties' failure to repay or meet contractual obligations. The scope of credit risk includes the default risk arises from on and off-balance sheet assets as well as counterparty credit risk. The capital requirement calculation includes standardized approach and internal ratings based (IRB) approach, while the Bank adopts standardized approach for regulatory capital.
2. Market risk is the risk that the Bank's earnings, capital, or its ability to meet business objectives will be adversely affected by changes in the level, volatility, correlation, or liquidity of market risk factors, such as interest rate (including credit spread), foreign exchange, equity and commodity. Market risk capital methods include standardized approach and internal model approach. The Bank adopts standardized approach in the calculation of required capital.
3. Operational risk is defined as the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events, including legal risk but excluding strategic and reputational risk. Methods used to measure required operational risks capital charges are Basic Indicator Approach (BIA), Standardized Approach (SA), Alternative Standardized Approach (ASA), and Advanced Measurement Approach (AMA). The Bank adopts Standardized Approach that divides business activities into 8 business lines and multiplies each line's gross income with its Beta Factor to obtain the capital charge.

ii) Pillar 2

Pillar 2 ensures that each bank has a sound internal assessment process and is able to forecast its capital adequacy based on the thorough assessment of bank risks, and that, with proper regular monitoring, regulatory capital matches the overall risk characters.

For compliance with regulatory monitoring of capital adequacy, the Bank conducts regular filing of capital adequacy self-assessment and various risks management every year in accordance with regulatory mandate.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

iii) Pillar 3

Pillar 3 involves Market Discipline and requires banks to disclose detailed information on risk, capital, and risk management for the improvement of banking information transparency. To comply with pillar 3 – Market Discipline, the Bank has disclosed “Capital Adequacy and Risk Management Report” on its website for the disclosure of qualitative and quantitative information.

4) Capital adequacy ratios of the Bank and subsidiaries

Analyzed items		Period	December 31, 2022	December 31, 2021	
			(Note)	(Note)	
Regulatory capital	Common equity		311,875,189	287,978,522	
	Other tier 1 capital		33,800,069	32,713,212	
	Tier 2 capital		50,132,539	45,693,842	
	Regulatory capital		395,807,797	366,385,576	
Amount of Risk weighted assets	Credit risk	Standardized approach (SA)	2,511,125,098	2,172,122,046	
		Internal ratings based (IRB) approach	-	-	
		Assets securitization	31,234,963	29,169,729	
	Operational risk	Basic indicator approach (BIA)	-	-	
		Standardized approach (SA)/Alternative Standardized approaches (ASA)	195,011,840	184,525,210	
		Advanced measurement approaches (AMA)	-	-	
	Market risk	Standardized approach (SA)	76,853,553	119,333,267	
		Internal model approach	-	-	
	Total amount of risk weighted assets			2,814,225,454	2,505,150,252
	Capital adequacy ratio			14.06 %	14.63 %
Ratio of common equity to risk weighted assets (%)			11.08 %	11.50 %	
Ratio of tier 1 capital to risk weighted assets (%)			12.28 %	12.80 %	
Leverage ratio			5.89 %	6.19 %	

Note: In capital adequacy ratios of the Bank and subsidiaries, the ratio of LH Financial Group Public Company Limited is calculated by the regulator of Thailand Banks based on the Basel regulations.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ar) Structured entities that are not included in consolidated financial reports

(i) The table below presents the types of structured entities that the Bank and subsidiaries do not include in consolidated financial reports but in which they hold an interest.

<u>The types of structured entities</u>	<u>Nature and purpose</u>	<u>Interests held by the Bank and subsidiaries</u>
Asset-backed securities	Securitizing financial or non-financial assets and issuing them to raise funds.	Investing or lending in securities issued by these entities.
Private fund	Raising funds to create investment opportunities in a variety of assets.	Investing in funds issued by these entities.

(ii) The scales of structured entities not included in consolidated financial reports were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Asset-backed securities	\$ 273,145,603,632	235,583,906,024
Private fund	21,325,175	24,576,248

(iii) The carrying amounts of interests held by the Bank and subsidiaries in these structured entities were as follows:

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
<b>Assets held by the Bank and subsidiaries</b>		
Financial assets measured at fair value through profit or loss	\$ 5,792,764	5,346,417
Financial assets measured at fair value through other comprehensive income	35,046,797	47,090,876
Investment in debt instruments at amortized cost	90,731,947	64,077,534
Investment under equity method	373,400	386,458
Loans – net	6,177,485	5,960,556
Other financial assets – net	1,326,578	867,054
Total assets held by the Bank and subsidiaries	<u>\$ 139,448,971</u>	<u>123,728,895</u>

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

	December 31, 2022	December 31, 2021
<b>Liabilities held by the Bank and subsidiaries</b>		
Deposits and remittances	\$ <u>115,726</u>	<u>-</u>

The maximum amount of risk exposure the Bank and subsidiaries endure to a loss incurred from special purpose entities that are not included in consolidated financial reports is the carrying amount of interests held by the Bank and subsidiaries.

- (iv) As of December 31, 2022 and 2021, the Bank and subsidiaries have not provided any financial support to their special purpose entities that are not included in consolidated financial reports.

**(7) Related-party transactions:**

- (a) Names of related parties and relationship with the Bank

Name of related party	Relationship with the Bank
CTBC Financial Holding Co., Ltd.	Parent company of the Bank.
Grand Bills Finance Corporation	Investee company under equity method.
Xiamen Jinmeixin Consumer Finance Co., Ltd.	Investee company under equity method.
CTBC Securities Co., Ltd.	Controlled by the same company as the Bank.
CTBC Asia Limited	Controlled by the same company as the Bank.
CTBC Venture Capital Co., Ltd.	Controlled by the same company as the Bank.
CTBC Asset Management Co., Ltd.	Controlled by the same company as the Bank.
CTBC Security Co., Ltd.	Controlled by the same company as the Bank.
Taiwan Lottery Co., Ltd.	Controlled by the same company as the Bank.
CTBC Investments Co., Ltd.	Controlled by the same company as the Bank.
Taiwan Life Insurance Co., Ltd.	Controlled by the same company as the Bank.
CTBC Finance Co., Ltd.	Controlled by the same company as the Bank.
CTBC Insurance Co., Ltd.	Controlled by the same company as the Bank.
CTBC Sports Entertainment Co., Ltd.	Controlled by the same company as the Bank.
CTBC Capital Ltd.	Controlled by the same company as the Bank.
CTBC Financial Leasing Co., Ltd.	Controlled by the same company as the Bank.
Wu Tzu Development Co., Ltd.	Investee company under equity method of the company which is controlled by the same company as the Bank.
HoFa Land Development Co., Ltd.	Investee company under equity method of the company which is controlled by the same company as the Bank.
Taiwan Wind Investment Co., Ltd.	Investee company under equity method of the company which is controlled by the same company as the Bank.

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Name of related party</u>	<u>Relationship with the Bank</u>
Top Taiwan IX Venture Capital Co., Ltd.	Investee company under equity method of the company which is controlled by the same company as the Bank.
CTBC Investment Trust Funds	Securities investment trust funds managed by the company which is controlled by the same company as the Bank.
HH-CTBC Partnership, L.P.	Private equity fund managed by the company which is controlled by the same company as the Bank.
Chung Yuan Investment Co., Ltd.	The Director of the parent company.
Yi Chuan Investment Co., Ltd.	The Director of the parent company.
Wei Fu Investment Co., Ltd.	The Director of the parent company.
Chuan Wei Investment Co., Ltd.	The company's Chairman is the second-degree relative of the Chairman of the Bank's parent company.
Deutsche Bank Taipei Branch	The company's General Manager is the second-degree relative of the Chairman of the Bank's subsidiary.
Taipei Kai-Nan High School	The Chairman of the parent company of the Bank is its body corporate representative.
Financial Information Service Co., Ltd. (Note 3)	The Chairman of the Bank is its Director.
Taipei Financial Center Corporation (Note 3)	The Chairman of the Bank's subsidiary is its Director.
Pei Sheng Culture Foundation (Note 2)	The Director of the company which is controlled by the same company as the Bank is its body corporate representative.
Tunghai University	The second-degree relative of the Chairman of the company which is controlled by the same company as the Bank is its body corporate representative.
Nan Ya Plastics Corporation (Note 3)	The Chairman of the company which is controlled by the same company as the Bank is its Director.
Brother Recreational Co., Ltd. (Note 1)	The Chairman of the company which is controlled by the same company as the Bank is its Director.
Showa Denko HD Trace Corp. (Note 3)	The Chairman of the company which is controlled by the same company as the Bank is its Director.
Taiwan Relo Club, Ltd.	The Chairman of the company which is controlled by the same company as the Bank is its Chairman.
Yan Yuan Investment Co., Ltd. (Note 3)	The company's General Manager is the Director of the company which is controlled by the same company as the Bank.
CTBC Financial Park Management authority (Note 3)	The major executive of the Bank is its body corporate representative.
Hon Hai Precision Industry Co., Ltd. (Note 3)	The Director of the company is the Chairman of the Bank's subsidiary.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Name of related party</u>	<u>Relationship with the Bank</u>
Mandarin Florist Co., Ltd.	The Director of the Bank's subsidiary is its General Manager.
Ho-Wei Investment Co., Ltd.	Related party in substance.
Weihong Investment Co., Ltd.	Related party in substance.
Sung Hung Investment Co., Ltd.	Related party in substance.
Sungbo Co., Ltd.	Related party in substance.
Taiwan Institute of Economic Research	Related party in substance.
CTBC Charity Foundation	Related party in substance.
CTBC Culture Foundation	Related party in substance.
CTBC Business School	Related party in substance.
CTBC Anti-drug Educational Foundation	Related party in substance.
Chailease Finance Co., Ltd.	Related party in substance.
Shin Wen Investment Co., Ltd.	Related party in substance.
Fina Finance & Trading Co., Ltd.	Related party in substance.
Sung Young Investment Co., Ltd.	Related party in substance.
Chung Kwan Investment Co., Ltd.	Related party in substance.
Kuan Ho Construction and Development Corp.	Related party in substance.
Taiwan Sports Lottery Co., Ltd.	Related party in substance.
CTC Group Inc.	Related party in substance.
Yi Hua Investment Co., Ltd.	Related party in substance.
Yi Kao Investment Co., Ltd.	Related party in substance.
Chinatrust Real Estate Co., Ltd.	Related party in substance.
Harvest Investment Co., Ltd.	Related party in substance.
Kae Lee Investment Co., Ltd.	Related party in substance.
Ronghua Investment Co., Ltd.	Related party in substance.
Chung-Chie Property Management Co., Ltd.	Related party in substance.
Chailease Auto Rental Co., Ltd.	Related party in substance.
Chung Cheng Investments Co., Ltd.	Related party in substance.
Chailease Specialty Finance Co., Ltd.	Related party in substance.
Chinese Taipei Baseball Association	Related party in substance.
Square Land Development Co., Ltd.	Related party in substance.
Other related parties	Major executives of CTBC Financial Holding Co., Ltd. and subsidiaries, and their close relatives.

Note 1: The party is not related parties in the financial statement since April 2022.

Note 2: The party is not related parties in the financial statement since August 2022.

Note 3: The party is not related parties in the financial statement since October 2022.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(b) Significant transactions between related parties and the Bank

(i) Lease

1) As a lessor

For the years ended December 31, 2022 and 2021, the rental revenue that the Bank received from related parties for the rental of buildings, parking spaces, and safe deposit boxes amounted to \$379,601 and \$355,244, respectively, constituting 60.30% and 61.17%, respectively, of total rental income.

As of December 31, 2022 and 2021, deposits for renting safe boxes to related parties amounted to \$101 and \$104, the rents received in advance from related parties amounted to \$4,970 and \$436, respectively. The guarantee deposit for the use of space and machinery received from related parties amounted to \$91,863 and \$87,958, respectively.

2) As a lessee

<u>Name of related party</u>	<u>Summary</u>	<u>Lease liabilities</u>	
		<u>December 31, 2022</u>	<u>December 31, 2021</u>
Taiwan Life Insurance Co., Ltd.	Leased office	\$ 68,887	88,200
CTBC Finance Co., Ltd.	Leased official cars	5,162	653
Chailease Auto Rental Co., Ltd.	Leased official cars	3,618	8,902
		<u>\$ 77,667</u>	<u>97,755</u>

<u>Name of related party</u>	<u>Summary</u>	<u>Lease payment amount</u>	
		<u>For the years ended December 31</u>	
		<u>2022</u>	<u>2021</u>
Taiwan Life Insurance Co., Ltd.	Leased office	\$ 19,528	16,802
CTBC Finance Co., Ltd.	Leased official cars	1,910	2,422
Chailease Auto Rental Co., Ltd.	Leased official cars	3,750	4,181
		<u>\$ 25,188</u>	<u>23,405</u>

The lease term and the collection of the rental are conducted with the contracts. Lease payment amount includes payment amount which does not recognize lease liabilities due to the application of IFRS 16 exemptions.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ii) Donations

<u>Related party</u>	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
CTBC Business School	\$ 77,449	91,020
CTBC Anti-Drug Educational Foundation	18,240	20,100
CTBC Culture Foundation	40,000	44,000
CTBC Charity Foundation	57,000	57,000
CTBC Sports Entertainment Co., Ltd.	65,000	-
<b>Total</b>	<b>\$ 257,689</b>	<b>212,120</b>

(iii) Loans

<b>December 31, 2022</b>							
<u>Categories</u>	<u>Number/name of related parties</u>	<u>Maximum balance</u>	<u>Ending balance</u>	<u>Settlement status</u>		<u>Collateral</u>	<u>Loan conditions</u>
				<u>Normal loans</u>	<u>Overdue loans</u>		
Consumer loan-employee	9	\$ 4,003	978	978	-	None	Note
Home loan mortgage	297	2,169,473	1,869,055	1,869,055	-	Real estate/others	Note
Others	Chailease Finance Co., Ltd.	3,000,000	3,000,000	3,000,000	-	Demand deposits	Note
Others	Chung Kwan Investment Co., Ltd.	350,000	350,000	350,000	-	Real estate	Note
Others	Kuan Ho Construction and Development Co., Ltd.	245,000	245,000	245,000	-	Real estate	Note
Others	Hon Hai Precision Industry Co., Ltd.	11,945,200	-	-	-	None	Note
Others	Nan Ya Plastics Corporation	1,859,257	-	-	-	None	Note
Others	Others	488,328	115,231	115,231	-	Real estate/small and medium enterprise credit guarantee fund	Note
<b>December 31, 2021</b>							
<u>Categories</u>	<u>Number/name of related parties</u>	<u>Maximum balance</u>	<u>Ending balance</u>	<u>Settlement status</u>		<u>Collateral</u>	<u>Loan conditions</u>
				<u>Normal loans</u>	<u>Overdue loans</u>		
Consumer loan-employee	3	\$ 2,095	685	685	-	None	Note
Home loan mortgage	245	1,702,805	1,468,396	1,468,396	-	Real estate/others	Note
Others	Nan Ya Plastics Corporation	2,821,209	1,421,209	1,421,209	-	None	Note
Others	Chung Kwan Investment Co., Ltd.	350,000	350,000	350,000	-	Real estate	Note
Others	CTC Group Inc.	342,808	330,476	330,476	-	Real estate	Note
Others	Kuan Ho Construction and Development Co., Ltd.	245,000	245,000	245,000	-	Real estate	Note
Others	Others	121,245	73,294	73,294	-	Real estate/ small and medium enterprise credit guarantee fund	Note

Note: The terms of loans between related and non-related parties are identical.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(iv) Deposits

Related party	December 31, 2022			
	Maximum balance	Ending balance	Range of interest rates	Interest expenses (from January to December)
Taiwan Life Insurance Co., Ltd.	\$ 59,857,813	31,681,671	0~1.7%	43,077
CTBC Securities Co., Ltd.	17,317,412	2,247,477	0~2.75%	7,967
Taiwan Sports Lottery Co., Ltd.	2,189,436	2,099,429	0~1.28%	2,413
China Leasing Co. Ltd.	1,737,080	1,731,384	0~0.4%	1,415
CTBC Charity Foundation	1,576,756	1,560,158	0~1.44%	7,321
Wu Tzu Development Co., Ltd.	2,239,467	1,425,596	0~1.29%	1,993
Chuan Wei Investment Co., Ltd.	2,312,208	942,806	0~0.85%	1,931
CTBC Investments Co., Ltd.	1,095,023	896,105	0~2.75%	1,288
Taiwan Lottery Co., Ltd.	1,607,235	763,617	0~0.42%	1,302
Taiwan Wind Investment Co., Ltd.	1,119,342	621,739	0~0.85%	1,828
Taiwan Institute of Economic Research	641,916	617,963	0~1.47%	2,578
Chung Cheng Investments Co., Ltd.	496,073	493,586	0~0.4%	504
Chinatrust Real Estate Co., Ltd.	437,725	430,600	0~1.88%	2,396
Weihong Investment Co., Ltd.	410,450	407,307	0.01%	16
Yi Chuan Investment Co., Ltd.	343,763	342,410	0~0.4%	352
CTBC Venture Capital Co., Ltd.	1,048,792	283,588	0~0.85%	153
Yi Kao Investment Co., Ltd.	301,684	277,860	0.01%	9
Taipei Kai-Nan High School	616,479	276,754	0~1.43%	1,152
Kuan Ho Construction and Development Corp.	273,803	267,002	0~0.4%	283
CTBC Insurance Co., Ltd.	6,600,044	265,000	0~0.85%	590
HH-CTBC Partnership, L.P.	1,000,000	258,884	0~0.02%	45
CTBC Financial Holding Co., Ltd.	25,851,728	256,999	0~0.85%	1,924
Harvest Investment Co., Ltd.	211,057	209,211	0~0.01%	9
Chung Kwan Investment Co., Ltd.	316,205	207,094	0~0.4%	213
Square Land development Co., Ltd.	208,366	205,171	0~1.44%	907
Top Taiwan IX Venture Capital Co., Ltd.	187,691	186,260	0~0.4%	142
Ho-Wei Investment Co., Ltd.	196,285	183,317	0~0.4%	206
Yi Hua Investment Co., Ltd.	208,214	159,077	0~0.01%	9
Chung Yuan Investment Co., Ltd.	426,522	145,575	0.01~0.4%	320
Sung Hung Investment Co., Ltd.	146,815	145,282	0~0.4%	158
Ronghua Investment Co., Ltd.	363,211	121,957	0~0.01%	12
Kae Lee Investment Co., Ltd.	116,619	115,159	0~0.4%	140
CTBC Business School	191,787	114,943	0~1.45%	196
Wei Fu Investment Co., Ltd.	523,196	111,044	0~0.85%	18
HoFa Land Development Co., Ltd.	2,784,221	104,190	0~0.65%	1,616
Shin Wen Investment Co., Ltd.	415,744	100,292	0~0.65%	10
Others	38,389,540	8,080,862		43,701
Total	<u>\$ 173,759,702</u>	<u>58,337,369</u>		<u>128,194</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Related party	December 31, 2021			Interest expenses (from January to December)
	Maximum balance	Ending balance	Range of interest rates	
Taiwan Life Insurance Co., Ltd.	\$ 75,884,752	32,076,908	0~0.30%	7,333
Yan Yuan Investment Co., Ltd.	6,133,920	6,115,853	0~0.01%	256
CTBC Securities Co., Ltd.	9,501,696	6,028,318	0~0.82%	5,674
Taiwan Sports Lottery Co., Ltd.	1,884,132	1,734,639	0~0.76%	287
Chuan Wei Investment Co., Ltd.	1,684,357	1,506,932	0~0.03%	196
CTBC Charity Foundation	1,391,624	1,377,076	0~0.82%	4,576
Showa Denko HD Trace Corp.	1,639,670	1,246,189	0~0.76%	1,154
Financial Information Service Co., Ltd.	1,014,471	1,014,471	0.01~0.82%	7,927
Taiwan Lottery Co., Ltd.	1,612,541	795,734	0~0.07%	512
CTBC Investments Co., Ltd.	839,005	639,006	0~0.26%	939
Wu Tzu Development Co., Ltd.	663,228	637,000	0~0.77%	633
Taiwan Institute of Economic Research	626,012	626,012	0~1.04%	1,727
Taiwan Wind Investment Co., Ltd.	535,573	517,652	0~0.03%	158
Taipei Kai-Nan High School	624,864	495,042	0~1.04%	967
Chinatrust Real Estate Co., Ltd.	366,713	360,573	0~0.82%	1,189
Chung Cheng Investments Co., Ltd.	344,369	341,761	0~0.01%	33
Shin Wen Investment Co., Ltd.	422,894	286,160	0~0.01%	11
HoFa Land Development Co., Ltd.	1,507,647	267,525	0~0.18%	1,628
Chung Yuan Investment Co., Ltd.	392,340	247,761	0.01%	30
Ronghua Investment Co., Ltd.	317,864	244,376	0~0.01%	12
Weihong Investment Co., Ltd.	236,472	233,208	0.01%	12
CTBC Financial Holding Co., Ltd.	16,990,919	231,022	0~0.09%	92
Yi Hua Investment Co., Ltd.	208,995	208,214	0~0.01%	9
Yi Kao Investment Co., Ltd.	210,940	177,263	0.01%	4
Kuan Ho Construction and Development Corp.	168,433	165,225	0~0.01%	10
Sung Young Investment Co., Ltd.	230,646	160,281	0~0.01%	17
Harvest Investment Co., Ltd.	156,539	155,817	0~0.01%	6
CTBC Venture Capital Co., Ltd.	1,665,177	147,951	0~0.03%	36
Top Taiwan IX Venture Capital Co., Ltd.	220,438	146,305	0~0.01%	11
Ho-Wei Investment Co., Ltd.	147,542	146,041	0~0.01%	13
Yi Chuan Investment Co., Ltd.	139,781	138,955	0~0.01%	6
CTBC Insurance Co., Ltd.	313,870	134,313	0~0.08%	16
Pei Sheng Culture Foundation	143,182	124,741	0~0.03%	30
Chailease Specialty Finance Co., Ltd.	144,355	118,632	0~0.07%	3
Kae Lee Investment Co., Ltd.	118,179	116,619	0~0.01%	12
Fina Finance & Trading Co., Ltd.	267,252	115,735	0~0.82%	9
CTBC Business School	200,817	114,960	0~0.83%	128
CTBC Capital Ltd.	109,787	109,581	0~0.01%	1
Wei Fu Investment Co., Ltd.	387,022	103,131	0~0.03%	6
Brother Recreational Co., Ltd.	233,098	100,449	0~0.03%	12
CTBC Asia Limited	454,376	100,043	0~0.13%	6
Others	40,904,261	7,610,080		23,144
<b>Total</b>	<b>\$ 171,039,753</b>	<b>67,217,554</b>		<b>58,825</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(v) Call loans to banks

Related party	For the year ended December 31, 2022		
	Ending balance	Range of interest rates	Interest revenues
Grand Bills Finance Corporation	\$ -	0.70%	<u>6</u>

Related party	For the year ended December 31, 2021		
	Ending balance	Range of interest rates	Interest revenues
Grand Bills Finance Corporation	\$ -	0.18~0.29%	<u>322</u>

(vi) Due from banks

Related party	December 31, 2022	December 31, 2021
Xiamen Jinmeixin Consumer Finance Co., Ltd.	\$ -	<u>443,363</u>

(vii) Financial derivatives

December 31, 2022						
Related party	Derivative financial instruments	Contract period	Notional principal	Valuation gains and losses	Balance sheet	
					Account	Ending Balance
Deutsche Bank Taipei Branch	Interest rate swap	11.18.2011~12.31.2031	NTD 22,273,282	\$ 136,164	(Note 1)	136,164
Deutsche Bank Taipei Branch	Non-deliverable interest rate swap	03.19.2018~08.03.2023	NTD 1,800,000	882	(Note 1)	882
CTBC Investments Trust Funds	Foreign exchange swap	08.12.2021~08.23.2023	USD 135,590	78,143	(Note 1)	78,143
CTBC Investments Trust Funds	Spot exchange	12.30.2022~01.04.2023	NTD 399,516	312	(Note 1)	312

December 31, 2021						
Related party	Derivative financial instruments	Contract period	Notional principal	Valuation gains and losses	Balance sheet	
					Account	Ending Balance
CTBC Investments Trust Funds	Foreign exchange swap	07.08.2021~08.16.2022	USD 136,590	\$ (107,706)	(Note 2)	107,706

Note 1: Financial assets measured at fair value through profit or loss.

Note 2: Financial liabilities measured at fair value through profit or loss.

(viii) Securities transactions:

Related party	For the year ended December 31, 2021	
	Securities bought	Securities sold
CTBC Financial Holding Co., Ltd.	\$ 6,200,000	-
Chailease Finance Co., Ltd.	500,000	-
Nan Ya Plastics Corporation	400,000	-
CTBC Securities Co., Ltd.	-	50,115
	<u>\$ 7,100,000</u>	<u>50,115</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ix) Balance details of holding stocks issued by related parties:

<u>Related party</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Taipei Financial Center Corporation	\$ -	795,600

(x) Others

1) Income

<u>Related party</u>	<u>Summary</u>	<u>For the years ended December 31</u>	
		<u>2022</u>	<u>2021</u>
Taiwan Life Insurance Co., Ltd.	Commission income, other income, commission for joint sales, allocation of information, and income from group catering	\$ 4,821,352	7,155,465
Taipei Financial Center Corporation	Commission income and the remunerations to directors and supervisors	97,336	96,136
CTBC Investments Co., Ltd.	Commission income, fund service fees, allocation of information, and income from group catering	81,558	38,039
CTBC Insurance Co., Ltd.	Commission income, allocation of information, commission for joint sales, and insurance claims	48,402	42,766
CTBC Financial Holding Co., Ltd.	Commission income, other income, allocation of information, and income from group catering	36,879	40,728
CTBC Securities Co., Ltd.	Commission income, profits from selling products, allocation of information, and income from group catering.	31,724	51,972
Chailease Finance Co., Ltd.	Commission income of financial advisory services	6,855	5,000
Sungbo Co., Ltd.	Commission income	5,434	5,436
Grand Bills Finance Corporation	Commission income and the remunerations to directors and supervisors	4,270	4,388
Taiwan Lottery Co., Ltd.	Commission income, other income, allocation of information, income from group catering, and evacuation machine income	4,212	3,703
CTBC Sports Entertainment Co.,Ltd.	Commission income, other income, allocation of information, and income from group catering	3,327	311
CTBC Charity Foundation	Commission income, other income, allocation of information, and income from group catering	2,989	2,899

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Related party</u>	<u>Summary</u>	<u>For the years ended December 31</u>	
		<u>2022</u>	<u>2021</u>
Financial Information Service Co., Ltd.	The remunerations to directors and supervisors	1,484	1,451
CTBC Asia Limited	Commission income and allocation of information	1,348	1,596
CTBC Financial Leasing Co., Ltd.	Allocation of information and commission income	1,182	210
CTBC Venture Capital Co., Ltd.	Commission income, allocation of information, and income from group catering	992	807
CTBC Finance Co., Ltd.	Commission income, and allocation of information	689	22
Chinatrust Real Estate Co., Ltd.	Business service fees	686	753
Taipei Kai-Nan High School	Commission income	619	632
CTBC Asset Management Co., Ltd.	Commission income, allocation of information, and income from group catering	543	459
Deutsche Bank Taipei Branch	Commission income	522	402
Tunghai University	Commission income	517	-
Hon Hai Precision Industry Co., Ltd.	Commission income	500	-
Brother Recreational Co., Ltd.	Commission income and other income from the malls	-	2,687
Individuals	Commission income	1,742	4,595
		<u>\$ 5,155,162</u>	<u>7,460,457</u>

The balances of accounts receivable for foregoing transactions were as follows:

<u>Related party</u>	<u>Summary</u>	<u>December 31,</u>	<u>December 31,</u>
		<u>2022</u>	<u>2021</u>
Taiwan Life Insurance Co., Ltd.	Commission income, other income, commission for joint sales, allocation of information, and income from group catering	\$ 255,175	394,533
CTBC Investments Co., Ltd.	Commission income, fund service fees, allocation of information, and income from group catering	4,479	1,460
CTBC Insurance Co., Ltd.	Commission income, allocation of information, commission for joint sales, and insurance claims	3,996	185
CTBC Financial Holding Co., Ltd.	Commission income, other income, allocation of information, and income from group catering	9,330	7,147
CTBC Securities Co., Ltd.	Commission income, profits from selling products, allocation of information, and income from group catering.	3,468	853
Grand Bills Finance Corporation	Commission income and the remunerations to directors and supervisors	28	45

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Related party</u>	<u>Summary</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Taiwan Lottery Co., Ltd.	Commission income, other income, allocation of information, income from group catering, and evacuation machine income	\$ 1,168	235
CTBC Sports Entertainment Co., Ltd.	Commission income, other income, allocation of information, and income from group catering	385	29
CTBC Charity Foundation	Commission income, other income, allocation of information, and income from group catering	1,192	11
CTBC Asia Limited	Commission income and allocation of information	105	98
CTBC Financial Leasing Co., Ltd.	Allocation of information	1,182	210
CTBC Venture Capital Co., Ltd	Commission income, allocation of information, and income from group catering	232	78
CTBC Finance Co., Ltd.	Commission income, and allocation of information	612	-
CTBC Asset Management Co., Ltd	Commission income, allocation of information, and income from group catering	111	53
Deutsche Bank Taipei Branch	Commission income	28	25
Brother Recreational Co., Ltd.	Commission income and other income from the malls	-	48
		<u>\$ 281,491</u>	<u>405,010</u>

2) Expenses

<u>Related party</u>	<u>Summary</u>	<u>For the years ended December 31</u>	
		<u>2022</u>	<u>2021</u>
Taiwan Lottery Co., Ltd.	Lottery service fees	\$ 2,147,728	2,088,141
CTBC Sports Entertainment Co., Ltd.	Marketing expenses, miscellaneous uniform expenses, meeting expenses and marketing promotion expenses	415,469	19,043
CTBC Financial Park Management authority	Head office administrative expenses	146,093	33,307
Taiwan Life Insurance Co., Ltd.	Group insurance fees and bonus for joint sales campaigns	143,408	137,974
CTBC Security Co., Ltd.	Security fees	96,644	95,246
CTBC Securities Co., Ltd.	Brokerage fees, brokerage handling fees, securities trust service fees, stationery and books fees, and rentals for collection and payment offices	75,924	35,479

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

<u>Related party</u>	<u>Summary</u>	<u>For the years ended December 31</u>	
		<u>2022</u>	<u>2021</u>
Taipei Financial Center Corporation	Redeemed rewards points, sponsorship, joint-brand credit card payment, ATM utility bill, and consultant fee	71,506	138,759
CTBC Insurance Co., Ltd.	Insurance fees	55,505	51,191
CTBC Financial Holding Co., Ltd.	Business insurance fees and insurance fees	42,728	2,192
Taiwan Institute of Economic Research	Expenses for domestic economics research and business consulting commissioned research	13,000	12,000
Chinatrust Real Estate Co., Ltd	Marketing and business promotion fees	9,161	4,217
Chinese Taipei Baseball Association	Naming rights sponsorship	5,000	5,000
Taiwan Relo Club, Ltd.	Redeemed rewards points, gift expenses, and marketing and business promotion fees	4,591	29,824
Chung-Chie Property Management Co., Ltd.	Outsourcing fees and repair expenses	1,446	1,309
Sungbo Co., Ltd.	Gift expenses, expenses from group catering, and management fees	1,163	1,079
Financial Information Service Co., Ltd.	Information fees	600	600
CTBC Business School	Expense for commissioned research	510	-
Chailease Auto Service Co. Ltd.	Venue rental expenses, travel expenses and freight and official cars rental expense	3	512
Brother Recreational Co., Ltd	Sponsorship, marketing feedback fund, gift expenses, and marketing and business promotion fees	-	264,377
Mandarin Florist Co., Ltd.	Marketing activities fees	-	675
		<u>\$ 3,230,479</u>	<u>2,920,925</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Foregoing transactions, accounts payable balances were as follows:

<u>Related party</u>	<u>Summary</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Taiwan Lottery Co., Ltd.	Lottery service fees	\$ 1,000,478	944,989
CTBC Sports Entertainment Co., Ltd.	Marketing expenses, miscellaneous uniform expenses, meeting expenses and marketing promotion expenses	4,113	223
Taiwan Life Insurance Co., Ltd.	Group insurance fees and bonus for joint sales campaigns	16,274	15,566
CTBC Security Co., Ltd.	Security fees	9,161	8,893
CTBC Securities Co., Ltd.	Brokerage fees, brokerage handling fees, securities trust service fees, stationery and books fees, and rentals for collection and payment offices	11,564	-
CTBC Insurance Co., Ltd.	Insurance fees	7,268	6,817
Taiwan Institute of Economic Research	Expenses for domestic economics research and business consulting commissioned research	4,000	3,000
Chinatrust Real Estate Co., Ltd	Marketing and business promotion fees	2,272	1,872
Taiwan Relo Club, Ltd.	Redeemed rewards points, gift expenses, and marketing and business promotion fees	-	9,706
Chung-Chie Property Management Co., Ltd.	Outsourcing fees and repair expenses	196	64
Brother Recreational Co., Ltd	Sponsorship, marketing feedback fund, gift expenses, and marketing and business promotion fees	-	2,320
Taipei Financial Center Corporation	Sponsorship, joint-brand credit card payments, ATM utility bill, and redeemed rewards points	-	12,720
Mandarin Florist Co., Ltd.	Marketing activities fees	-	675
		<u>\$ 1,055,326</u>	<u>1,006,845</u>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

3) Others

<u>Related party</u>	<u>Summary</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>
CTBC Asia Limited	Advances for office rentals	\$ 6,889	4,670
CTBC Financial Holding Co., Ltd.	Advances for utilities, expenses, training expenses, and postage	2,158	619
Taiwan Life Insurance Co., Ltd.	Advances for utilities, expenses, and training expenses	4,111	2,829
CTBC Securities Co., Ltd.	Advances for utilities, expenses, training expenses, and postage	1,016	795
		<u>\$ 14,174</u>	<u>8,913</u>

No significant discrepancy in transaction terms found between related party transaction and non-related party transaction.

(c) Key management personnel compensation in total

	<u>For the years ended December 31</u>	
	<u>2022</u>	<u>2021</u>
Salary and other short-term employee benefits	\$ 1,636,048	1,384,741
Post-employment benefits	48,176	27,148
Share-based payment-Cash-settled	(146,827)	1,413,148
Share-based payment-Equity-settled	<u>40,059</u>	<u>-</u>
Total	<u>\$ 1,577,456</u>	<u>2,825,037</u>

The Bank and subsidiaries recognized the changes in the fair value of share-based payments in profit or loss over the vesting period. For the year ended December 31, 2022, the share-based payments expenses were reversed due to the changes in fair value.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**(8) Pledged assets:**

Pledged assets of the Bank and subsidiaries were as follows:

Unit: In Thousands of New Taiwan Dollars

Assets	Type of securities	Par value of refundable deposits		Purpose of collateral
		December 31, 2022	December 31, 2021	
Due from Central Bank and call loans to banks	Required reserve—Account B	-	6,000,000	Project fund accommodations secured
Financial assets measured at fair value through other comprehensive income	Bond	4,198,853	269,214	Credit line from bank, other legal guarantee deposits, pledge, repurchase agreement pledge, margin of derivatives, and deposits for calling loans in foreign currency
	Government bond	3,384,694	1,267,761	Overdrafts secured and margin of derivatives
Investment in debt instruments at amortized cost	NCD of Central Bank	29,850,000	29,850,000	Daytime overdrafts of Central Bank, deposits for bills dealer, deposits for calling loans in foreign currency, call loan liquidation account in U.S. dollars, and call loan liquidation account in JPY
	NCD	391,000	391,000	Guarantee fulfillment of superfluous
	Government bond	1,067,460	1,033,060	Trust funds reserves, bond settlement reserves, deposits for litigation, other guarantee deposits, and margin of derivatives
	Bond	215,075	-	Credit line from bank
Receivables	Matured securities classified under other receivables	100	500	Other guarantee deposits
Loans and discounts	Loans	33,405,320	40,116,671	Credit line from bank
Other financial assets	Time deposit	671,853	3,279,610	Guarantee deposits for futures dealer, CPC Corporation, Taiwan guarantee fulfillment, CPC Corporation, Taiwan stock transfer agent guarantee fulfillment, public welfare walkway guarantee fulfillment, joint-brand credit card guarantee fulfillment, and daytime overdrafts of time deposits in RMB

As of December 31, 2022 and 2021, the deposits for public welfare lottery issuance of the Bank's irrevocable standby letter of credit were \$2,100,000 and \$1,050,000, respectively.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**(9) Commitments and contingencies:**

(a) Major commitments and contingencies

	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Contingent liabilities from guarantee and letter of credit business	\$ 99,501,379	107,207,896
Promissory note to Central Bank for Bank's clearance	248,968	248,968
Client notes in custody	89,493,891	90,896,831
Marketable securities and debts in custody	2,922,777,657	3,356,750,319
Designated purpose trust accounts	1,766,924,263	1,498,442,964
Other items in custody	<u>24,735,344</u>	<u>27,551,055</u>
Total	<b><u>\$ 4,903,681,502</u></b>	<b><u>5,081,098,033</u></b>

As of December 31, 2022 and 2021, the credit amount of the cancellable loan commitments of the Bank and subsidiaries were \$2,014,116,281 and \$1,914,036,142, respectively.

The Bank signed the service contract of information resources with International Business Machines, authorizing a contract term commencing from September 1, 2017, and ending on December 31, 2022, in the amount of \$2.67 billion. Considering the growing transaction in 2022, the Bank renewed the above service contract in advance, authorizing a contract term commencing from January 1, 2022, and ending on December 31, 2027, in the amount of \$3.224 billion, which comprises host computer lease fee, authorization fee, and annual software maintenance fee.

The Bank was designated by the Ministry of Finance (the "MOF") as the issuing institution for the fourth term of public welfare lottery. The designated periods of the term are from January 1, 2014 to December 31, 2023. The Bank was authorized to arrange and issue traditional lottery, scratch and win lottery, and computerized lottery tickets. For the fourth term of public welfare lottery, the Bank receives a commission for issuing lottery tickets, representing 4.35% of the total lottery sales amount. The commission will be settled monthly. And the Bank's profit will be what remains after a fixed payment of \$2,700,000 to the MOF per year. Furthermore, in order to ensure that the lottery prize payout rate is not greater than 60% of the lottery issuing amount, the Bank created a transitional monitoring account for the provision of the lottery prize and adopted appropriate risk control strategies.

The Bank was designated by the Ministry of Finance (the "MOF") as the issuing institution for the fifth term of public welfare lottery. The designated periods of the term are from January 1, 2024 to December 31, 2033. The Bank was authorized to arrange and issue traditional lottery, scratch-and-win lottery, and computerized lottery tickets. For the fifth term of public welfare lottery, the Bank receives a commission for issuing lottery tickets, representing 4.35% of the total lottery sales amount. The commission will be settled monthly. And the Bank's profit will be what remains after a fixed payment of \$2,700,000 to the MOF per year. In addition, the bank shall plan for dealer care funds, which shall not be less than 607 million in 10 years, and shall not be less than 150 million in 10 years for the establishment of public welfare lottery image and improvement of lottery order. Furthermore, in order to ensure that the lottery prize payout rate is not greater than 60% of the lottery issuing amount, the Bank created a transitional monitoring account for the provision of the lottery prize and adopted appropriate risk control strategies.

(Continued)

## **CTBC BANK CO., LTD. AND SUBSIDIARIES**

### **Notes to the Consolidated Financial Statements**

On May 31, 2013, the Bank signed a contract with LotRich Information Co. for lottery software, hardware purchase and establishment and maintenances services amounting to \$2,322,756 within which \$1,633,851 was for software service. The maintenance service started from May 31, 2013 to the redemption date of the last lottery ticket issued in December 2023. The service will be finished as all the settlement, consignment and aftermath of the work have been done.

The Bank entrusted Taiwan Lottery Co., Ltd. to operate the public welfare lottery's ticket issuing, sales, promotion, drawing, payment of prize, and management, with a contract period from November 11, 2013, and ending on June 30, 2024. The Bank will disburse 4.35% of the total lottery sales amount as commission to Taiwan Lottery Co., Ltd. The Bank agreed that Taiwan Lottery Co., Ltd. can receive a reward, amounting to the commission revenue after the deduction of value-added tax (VAT), rebates and direct costs incurred for the lottery business, and the addition of marginal benefits, if the balance is positive. Otherwise, Taiwan Lottery Co., Ltd. should pay for the discrepancy, if the balance is negative. On May 20, 2015, the reward calculation was revised by deleting the addition of marginal benefits, and was retroactively applied from January 1, 2015.

The Bank entrusted Taiwan Lottery Co., Ltd. to operate the public welfare lottery's ticket issuing, sales, promotion, drawing, payment of prize, and management, with a contract period from February 8, 2023, and ending on June 30, 2034. The Bank will disburse 4.35% of the total lottery sales amount as commission to Taiwan Lottery Co., Ltd. The Bank agreed that Taiwan Lottery Co., Ltd. can receive a reward, amounting to the commission revenue after the deduction of value-added tax (VAT), rebates and direct costs incurred for the lottery business, and the addition of marginal benefits, if the balance is positive. Otherwise, Taiwan Lottery Co., Ltd. should pay for the discrepancy, if the balance is negative.

On November 6, 2015, the Bank signed with Zile Development Co., Ltd. (BVI) and Shuohe Development Co., Ltd. a contract of joint construction for a building on the land, zone 18 at Xinyi section 4, Xinyi District, Taipei City. The Bank will retain 5% of the rights of the land for joint construction, get 5% of the whole construction area of the new building and the corresponding land, and burden 5% of the costs of construction based on purchase contract and joint construction contract. The Bank expects to invest \$530 million of the total costs of the construction. As of December 31, 2022, the Bank has paid \$335,831.

As of December 31, 2022, the unpaid amounts of the committed investment facility of signed private fund contract of the Bank and subsidiaries were JPY 1,545,961 thousand.

The Bank signed the service contract of core banking information system modernization and system integration with International Business Machines, authorizing a contract term commencing from June 23, 2022, and ending when International Business Machines completes all project services in accordance with the contract, in the amount of \$4,176 million. The amount includes project management services, core banking system construction and integration services, payment system construction and integration services, and outsourcing services for the old core system. Additionally, in order to obtain the software authorization required for the aforementioned project, the Bank signed a core banking system software authorization contract with Tata Consultancy Services Limited, in the amount of \$330 million, and a payment system software authorization contract with Worldline (Taiwan) Ltd., in the amount of \$155 million, during the fiscal year of 2022. The two software authorization contracts have been perpetual licensed since June 23, 2022. The above fees are authorization fees.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

- (b) The below information is shown based on the disclosure requirements of Enforcement Rules of the Trust Enterprise Act, Article 17.

**Balance Sheet of Trust Accounts**

<u>Trust Assets</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>	<u>Trust Liabilities</u>	<u>December 31, 2022</u>	<u>December 31, 2021</u>
Cash in deposits	\$ 57,932,415	60,229,769	Payables	691,783	685,071
Receivables	369,915	137,590	Payable securities in custody	1,061,390,959	816,127,169
Bonds	65,722,739	27,682,287	Other liabilities	29,944	29,710
Stocks	178,670,602	191,545,498	Trust capital	612,494,137	551,880,966
Mutual funds	317,999,202	308,448,029	Miscellaneous reserves and accumulated earnings	91,282,550	128,966,795
Structured products	34,232,319	46,435,043			
Other investments	1,931,670	1,346,510			
Real estates – net	47,568,286	45,708,951			
Securities in custody	1,061,390,959	816,127,169			
Other assets	<u>71,266</u>	<u>28,865</u>			
Total trust assets	<u><b>\$1,765,889,373</b></u>	<u><b>1,497,689,711</b></u>	Total trust liabilities	<u><b>1,765,889,373</b></u>	<u><b>1,497,689,711</b></u>

Note: As of December 31, 2022 and 2021, the Bank's Offshore Banking Unit invested in foreign securities under specific purpose trust accounts amounting to \$7,591,939 and \$6,294,673, respectively.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**Properties Catalog of Trust Accounts**

<b>Investments</b>	<b>December 31, 2022</b>	<b>December 31, 2021</b>
Cash in deposits	\$ 57,932,415	60,229,769
Receivables	369,915	137,590
Bonds	65,722,739	27,682,287
Stocks	178,670,602	191,545,498
Mutual funds	317,999,202	308,448,029
Structured products	34,232,319	46,435,043
Other investments	1,931,670	1,346,510
Real estates – net		
Lands	47,511,659	45,652,324
Buildings	<u>56,627</u>	<u>56,627</u>
Subtotal	<u>47,568,286</u>	<u>45,708,951</u>
Securities in custody	1,061,390,959	816,127,169
Other assets		
Superficies	70,878	28,478
Prepaid other payments	<u>388</u>	<u>387</u>
Subtotal	<u>71,266</u>	<u>28,865</u>
<b>Total</b>	<b><u><u>\$ 1,765,889,373</u></u></b>	<b><u><u>1,497,689,711</u></u></b>

**Income Statement of Trust Accounts**

	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Trust revenues	\$ 10,693,409	15,032,984
Trust expenses	<u>(3,351,345)</u>	<u>(620,232)</u>
Earnings before tax	7,342,064	14,412,752
Less: Income tax expenses	<u>19,906</u>	<u>8,646</u>
Net profits	<b><u><u>\$ 7,322,158</u></u></b>	<b><u><u>14,404,106</u></u></b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(c) Other significant legal matters

(i) Structured Notes

From September to December in 2005, the Bank's Hong Kong branch ("HK Branch"), purchased structured notes ("Overseas Structured Notes") in a total par value of US\$390 million from Barclays Bank PLC with the approval of the Bank's Board of Directors. When CTBC Financial Holding Co., Ltd ("CTBC Holding") intended to invest in Mega Financial Holding Company in 2006, the Overseas Structured Notes must be sold in order that the Bank would not violate the 5% shareholding ceiling in another single company set on a commercial bank in the Banking Act of the Republic of China. The HK Branch thus sold the Overseas Structured Notes at the market price to Red Fire, a special purpose vehicle acquired by the then president of the Bank's corporate banking department (i.e., Mr. xxx Chen). In the sale of the Overseas Structured Notes, the Bank earned a profit of US\$8.448 million. Through the redemption of the Overseas Structured Notes from Barclays Bank PLC, Red Fire had a profit of US\$30.47 million, among which an amount about US\$9.50 million was, for certain unknown reasons, remitted into an account controlled by Mr. Chen, and the balance about US\$20.90 million had been remitted to CTBC Holding's overseas subsidiary, CT Opportunity Investment Company. Pursuant to the request of Financial Supervisory Committee ("FSC"), CTBC Holding's directors advanced US\$30.47 million to the Bank in September 2006 so as to allow a smooth development of business operations. Given that the amount so advanced is far more than the amount about US\$9.50 million (which was not remitted to CTBC Holding's overseas subsidiary), the Bank had thus suffered no losses.

Per a letter dated April 28, 2011 from two directors of CTBC Holding (i.e., Chung Cheng Investment and Kuan Ho Construction & Development), they realized that the Bank suffered no losses in its sale of Overseas Structured Notes, based on the Analysis Report on the Sale of Structured Notes to Red Fire by the Bank's Hong Kong Branch ("Analysis Report") attached to CTBC Holding's letter dated March 30, 2011 (with a reference number of Chung Hsin Chin 1002243570005), and they further indicated that as stated in the Analysis Report, without the ground that the Bank suffered losses pursuant to which an agreement dated February 9, 2009 was signed between CTBC Holding and these two directors, the Bank was thus urged to negotiate with them for a reasonable solution. The Bank sent a letter dated August 16, 2011 to Chung Cheng Investment and Kuan Ho Construction & Development asking them to waive their right of claim arising from the advancement of US\$30.47 million made in September of 2006. These two directors responded and agreed to waive on August 18, 2011, but they requested that the Bank should apply the US\$20.90 million proceeds to loans for emergency assistances and charities, and the Bank should transfer US\$9.57 million to CTBC Holding so as to make up the losses recognized by CTBC Holding which arose from the investment made by CTBC Holding's overseas subsidiary, CT Opportunity Investment Company. In this regard, the Bank and these two directors would have to further negotiate, as the Bank has yet made the aforesaid applications about the US\$20.90 million, but these two directors still insisted so. Furthermore, Red Fire was deemed as CTBC Holding's special purpose vehicle as Red Fire's profits would ultimately belong to CTBC Holding based on the investigation conducted by CTBC Holding and the opinion of the legal counsel appointed by CTBC Holding. As manifested in the fund flow, none of the ex-chairman of the Bank, Mr. Koo and the other three employees involved in the litigation had acquired any gains personally.

(Continued)

## **CTBC BANK CO., LTD. AND SUBSIDIARIES**

### **Notes to the Consolidated Financial Statements**

After this case was appealed for the third instance, the Supreme Court, in August of 2014, revoked the judgment made by the High Court and a re-trial by the High Court was ordered (“first retrial”). In the judgment made by the first retrial on September 12, 2018, a defendant was judged not guilty and the other three were guilty. All of the defendants judged guilty and the Taiwan High Prosecutors Office had appealed against the judgment. On November 14, 2019, the Supreme Court revoked the guilty judgment made by the first retrial on the defendants (i.e., Koo, Chang and Lin) and a second retrial by the High Court was ordered (“second retrial”), and the non-guilty judgment on the defendants rendered by the first retrial has affirmed. In the judgment made by the second retrial on April 28, 2021, the defendants were judged not guilty (i.e., Koo, Chang and Lin). Prosecutors have filed an appeal against the judgment made by the second retrial. The Supreme Court, on May 12, 2022, revoked the judgment made by the High Court (second retrial) and a third re-trial by the High Court was ordered. Given this, this case is not yet completely final and conclusive. According to the opinion of the legal counsel retained by CTBC Holding, “The profits of US\$20.90 million from the redemption of the structured notes by Red Fire have been remitted to CT Opportunity Investment Company, an overseas subsidiary of CTBC Holding. In addition, two directors of CTBC Holding have advanced US\$30,474,717 to CTBC Bank. Given that the total of the aforesaid two amounts is far more than the profits realized by Red Fire from the redemption of the structured notes, CTBC Holding has thus suffered no losses. Furthermore, as far as the legal liability is concerned, since this case is a criminal one, even if certain defendants were judged guilty, such judgment would not apply to CTBC Holding as a corporate entity. Besides, the guilty judgment has yet been final. Hence, the judgment has no material adverse impact upon the financial conditions or business operations of CTBC Holding, and would not affect the fact that CTBC Holding suffers no losses or damages.” It is thus assessed that this case has no material impact upon the operation and shareholders’ interests of the Bank.

The Taiwan High Prosecutors Office filed a petition to the High Court on July 6, 2016 against CTBC Holding trying to recover NT\$261,696,000 illegal income arising from the stock price manipulation conducted by CTBC Holding. The High Court for the 1st retrial notified CTBC Holding to attend the court hearings as a third interested party. CTBC Holding is of the opinion that this case has no such act of stock price manipulation and there is no illegal income. A legal counsel has been retained to claim so in the High Court for the 1st retrial. In its judgment made by the High Court for the 1st retrial on September 12, 2018, CTBC Holding’s property should neither be confiscated nor pursued on the ground (among others) that this case has no such act of stock price manipulation and there is thus no illegal income. Regarding the judgment of no confiscation of CTBC Holding’s property made by the High Court for the 1st retrial on September 12, 2018, the Supreme Court revoked it and ordered a second retrial on the ground that even the prosecutor did not appeal to the Supreme Court against the “no confiscation” judgment, the appeal nonetheless applies to this issue. In order to avoid a conflict of judgments respectively made by the 1st retrial court and the 2nd retrial court as far as the “confiscation” issue is concerned, the Supreme Court thus revoked the “no confiscation” judgment and ordered a 2nd retrial. In the judgment made by second retrial on April 28, 2021, CTBC Holding’s property should neither be confiscated nor levied. Prosecutors have filed an appeal against the judgment made by the second retrial. The Supreme Court, on May 12, 2022, revoked the judgment made by the High Court (second retrial) and a third re-trial by the High Court was ordered. Hence, the “no confiscation” judgment is not yet final.

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**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(ii) NPLs and Transaction of Chengcing Lake Building

As to the indictment brought by the prosecutor of the Taipei District Prosecutors Office on August 26, 2019 about the transaction of real property and non-performing loans between the Bank and its related parties (i.e., Tectonics Laboratories Co., Ltd. and other companies) in 2005 and 2006, the legal counsel appointed by CTBC Holding opined that “Keshin Company, Lilin Company and Tectonics Laboratories Co., Ltd. were all special purpose vehicles indirectly owned by CTBC Asset Management Co., Ltd., therefore the profits arising from the transactions between the aforesaid three companies and CTBC Bank or CTBC First Asset Management Co., Ltd., a subsidiary of CTBC Asset Management Co., Ltd. should ultimately belong to CTBC Holding. Because the non-performing loans of Fengshan Credit Union were sold by CTBC Bank within the appraise value range, there thus were no losses or damages. Given that the other three transactions of non-performing loans had been canceled and the payments thereof had been returned to CTBC Bank, no losses or damages would have been made to CTBC Holding or CTBC Bank. According to the data provided by CTBC Holding, the profits derived from the sale of Chenghu Building had been remitted to CT Opportunity Investment, a subsidiary of CTBC Asset Management Co., Ltd. and had ultimately been returned to CTBC Holding. Given this, the transaction of Chenghu Building had caused no losses or damages to CTBC Holding and CTBC Bank.” Based upon the aforesaid legal opinion, it is thus assessed that this case has no material impact on the operations and shareholders’ interests of the Bank.

(iii) Neihu Land and Building

Regarding the transaction in which the Bank purchased three lots of land in Neihu, Taipei and the buildings thereon (consisting of administration building and computer facilities), the Taipei District Prosecutors Office brought an indictment against Mr.Chang et al. on January 12, 2017 and an additional indictment against another person involved on January 4, 2018 alleging that those people involved gaining inappropriate profits from such transaction. All defendants indicted on January 12, 2017 were judged guilty. The prosecutor and all the defendants have appealed. On December 6, 2022, the Taiwan High Court reversed the original verdict and found some of the defendants not guilty. The case is not yet final. As to the additional indictment made on January 4, 2018, the person involved was judged not guilty by the Taipei District Court on June 4, 2019 and the prosecutor has filed an appeal against such judgment. The Taiwan High Court overruled the appeal on December 6, 2022 and affirmed the verdict of acquittal. In respect of the guilty judgment, the legal counsel retained by CTBC Holding opined in writing: “CTBC Bank made the aforesaid purchase of the administration building and computer facilities with the approval of its Board of Directors and it had in advance hired professional institutions to give an appraisal price for reference. Even if the court doubted that the appraisal institutions failed to appraise the real property objectively, it did not object the appraisal conclusion. Given that (1) the purchase prices were less than the appraisal prices and (2) the purchase prices did not exceed the ceilings set by the Board of Directors of CTBC Bank, it could be proven that the purchase prices were comparable with the then reasonable prices and the employees-in-charge had followed the resolution of the Board of Directors without breaking the law. It may therefore be concluded that CTBC Bank suffered no losses or damages from the said transaction.

(Continued)

## **CTBC BANK CO., LTD. AND SUBSIDIARIES**

### **Notes to the Consolidated Financial Statements**

Furthermore, as far as the legal liability is concerned, since this case is a criminal one, even if defendants were judged guilty, such judgment would not apply to CTBC Bank as a corporate entity. In addition, this has yet been final. Hence, the guilty judgment has no material adverse impact upon the present financial conditions or business operations of CTBC Bank or CTBC Holding.” Regarding the issue raised in the guilty judgment that Yongyue Development Co., Ltd. is a related party to the Bank and the transaction in question should be disclosed in the financial statement of the Bank and CTBC Holding, the Board of Directors of CTBC Holding requested the department-in-charge together with a legal counsel to analyze and report. The analysis report manifests: “In our opinion, Mr. Chang in substance is not a person-in-charge and he has no controlling power over CTBC Bank’s policies or operations. The process and price of the purchase transactions in question had been made in accordance with the law. Besides, Mr. Chang did neither attend the board meeting in which the transaction in question was reviewed nor participate in the formation of decision about purchasing the real property in question.” The legal counsel further opined: “According to the Regulations Governing the Acquisition and Disposal of Assets by Public Companies, Article 45 of the Financial Holding Company Act, CTBC Bank’s Regulations Governing Transactions (other than credit extensions) by Quasi-Related Parties of CTBC Bank as amended on July 31, 2013, Regulations Governing the Preparation of Financial Statements by Issuers of Securities, Regulations Governing the Preparation of Financial Statements by Banks, and IAS 24, Mr. Chang is not, in form or in substance, a related party or quasi-related party of CTBC Bank.”

“Ms. Woo, a shareholder of Yongyue Development Co., Ltd (also the ultimate beneficiary) and the spouse of Mr. Chang’s younger brother, has taken no position of decision making power as stipulated in the aforesaid regulations and has no such identity as stated in Para. 9 of IAS (Part A). Thus, Ms. Woo is not a related party or quasi-related party of CTBC Bank.” As stated in the aforesaid analysis report and legal opinion, Mr. Chang is not a person-in-charge in substance of the Bank and is neither a related party nor a quasi-related party of the Bank in form or in substance. Even if Mr. Chang is deemed as a person-in-charge in substance of the Bank, Ms. Woo, as a second-degree relative (in marriage) of Mr. Chang, should not be deemed as a related party or a quasi-related party of the Bank, in accordance with Para. 9 of IAS (Part A).

The legal counsel concluded “Regardless the guilty judgment has yet been final, the evidences as referred to in the judgment are not strong enough to support the point that Mr. Chang managed Yongyue in substance. Besides, the profits earned by Yongyue are irrelevant to Mr. Chang. As such, the transaction between CTBC Bank and Yongyue is not a related-party transaction as far as CTBC Bank or CTBC Holding is concerned and thus, there is no need to disclose such deal in the financial statement.”

“From the evidences as stated in the guilty judgment, (1) it cannot conclude that Mr. Chang is the person managing Yongyue in substance, as mentioned above, and (2) neither Mr. Chang nor Ms. Woo is a related party or quasi-related party of CTBC Bank. We may say that Yongyue is not a related party or quasi-related party of CTBC Bank, the transaction in question between Yongyue and CTBC Bank is not a related-party transaction and accordingly, there should be no need for CTBC Holding to disclose such transaction in its quarterly or annual financial statement as a related-party transaction. It may conclude that there is no such illegal misstatement in the financial statement.” Based upon the aforesaid legal opinion, given that (1) the purchase prices were comparable with the then reasonable prices and the employees-in-charge had followed the resolution of the Board of Directors without breaking the law. It may therefore be concluded that the Bank suffered no losses or damages from the

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

said transaction. In addition, neither Mr. Chang nor Yongyue is a related party or quasi-related party of the Bank. There should be no need for CTBC Holding to disclose such transaction in its quarterly or annual financial statement as a related-party transaction. It may conclude that there is no such illegal misstatement in the financial statement. It is thus assessed that this case has no material impact on the operations and shareholders' interests of the Bank.

(iv) Tainan Real property

As stated in a press release on September 12, 2019, the Taipei District Prosecutors Office made an indictment relating to a sale by the Bank of a real property located in Tainan in 2012. The legal counsel retained by CTBC Holding opined that since (1) the Bank had hired a professional appraisal company to appraise before the transaction, (2) the sale price was higher than (a)the appraisal price and (b)the book value shown in June 2012, (3) the transaction in question was duly made in accordance with the Bank's approval process, the transaction in question was made in due process following the Bank's internal rules and relevant laws and regulations and the Bank had suffered no losses or damages. It is thus assessed that this case has no material impact on the operations and shareholders' interests of the Bank.

(v) Ex-Xinyi Headquarter Building

Regarding the transaction in which the Bank sold 95% of its holding in the land at Songshou building (i.e., Ex-Xinyi headquarter building) in Taipei on November 6, 2015, the legal counsel retained by CTBC Holding opined that the Bank sold the land by way of public tender, Cushman & Walkfield was appointed to carry out the public tender, and Baker & McKenzie was also retained to monitor the whole process. The Bank had hired two professional appraisal companies to conduct appraisals in advance and the floor price for the public tender was set at the average of two appraisal prices. The transaction in question had been approved by the Bank's audit committee and Board of Directors. The sale price was higher than the floor price set for the public tender. A public announcement about its board approval and the sale had been made by the Bank. The transaction in question had been made duly in accordance with relevant laws and regulations and the Bank's internal rules, and the Bank suffered no losses or damages. The non-prosecution rulings of relevant individuals of CTBC Holding and CTBC Bank were final on October 8, 2020, except for Mr. Chang's, whose case was remanded to the Taiwan Taipei District Prosecutors Office for further investigation by the Taiwan High Prosecutors Office.

**(10) Losses Due to Major Disasters: None**

**(11) Subsequent Events: None**

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**(12) Other:**

(a) Profitability

Unit: %

Items		December 31, 2022	December 31, 2021
Return on assets ratio (annual)	Before income tax	0.91	0.75
	After income tax	0.74	0.63
Return on equity ratio (annual)	Before income tax	14.05	11.21
	After income tax	11.35	9.47
Net income ratio		32.40	28.27

Note 1: Return on assets ratio = Net income before/after income tax ÷ average total assets.

Note 2: Return on equity ratio (excluding non-controlling interests) = Net income before/after income tax ÷ average total stockholders' equity.

Note 3: Net income ratio = Net income after income tax ÷ Net revenue.

Note 4: Net income before/after tax represented accumulated income of current year.

- (b) The income and expenses arising from the joint marketing operation and information interoperability amongst the Financial Holding Company's subsidiaries were allocated as follows:

The Bank and Taiwan Life Insurance Co., Ltd. ("Taiwan Life") have gained from the joint business promotion. The bonus for co-marketing with Taiwan Life is shared based on annual commission rate agreed between the Bank and Taiwan Life for each insurance product.

The aforesaid allocations of revenue and expenses are disclosed in Note 7.

(Continued)



**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(e) Information of merger and acquisition of LH Financial Group Public Company Limited:

LH Financial Group Public Company Limited was originally an associate invested by the Bank. During the fiscal year of 2021, the Bank has purchased the equity of LH Financial Group Public Company Limited further via cash, increased the ownership to 46.61%, and acquired control over it on October 25, 2021, resulting in LH Financial Group Public Company Limited to be one of the Bank's subsidiaries.

From the acquisition date to December 31, 2021, the net revenue and net loss contributed by LH Financial Group Public Company Limited were \$542,588 and \$180,573 thousand, respectively. If the merger and acquisition happened on January 1, 2021, the management estimated the net revenue and net loss of the Bank and subsidiaries would have been \$110,599,748 and \$31,231,726 thousand, respectively. When determining the aforementioned estimated amount, the management assumes that the acquisition happened on January 1, 2021. Moreover, the management also assumes that the temporary fair value adjustment will be the same.

The difference between main categories of the consideration transferred, and the LH Financial Group Public Company Limited's assets and underlying liabilities were recognized bargain purchase gains on the acquisition date as follows:

<u>Items</u>	<u>Amount</u>
Fair value of merger and acquisition	\$ 19,202,447
Non-controlling interests	<u>22,430,217</u>
Total consideration	41,632,664
Fair value of assets	224,330,642
Fair value of liabilities	<u>(182,320,982)</u>
Less: Total fair value of net assets	42,009,660
Bargain purchase gains	376,996
Remeasurement gains of original holding of LH Financial Group Public Company Limited	12,768
Total interest of merger and acquisition	<u><u>\$ 389,764</u></u>

The Bank and subsidiaries remeasured the fair value of equity of LH Financial Group Public Company Limited, which the Bank and subsidiaries had already held on the acquisition date, resulting in the Bank and subsidiaries to recognize the gain amounting to \$12,768 thousand, recognized as "Proportionate share of gains from associates or joint ventures under equity method" in the consolidated statements of comprehensive income for the year ended December 31, 2021.

The Bank and subsidiaries recognized the bargain purchase gains as "Other net non-interest income (losses)" in the consolidated statements of comprehensive income for the year ended December 31, 2021 on the acquisition date.

(Continued)

## CTBC BANK CO., LTD. AND SUBSIDIARIES

### Notes to the Consolidated Financial Statements

#### (13) Other disclosures:

(a) Information on significant transactions:

- (i) Loans to other businesses or individuals: Not applicable to bank subsidiaries; others: None.
- (ii) Endorsements and guarantees for others: Not applicable to bank subsidiaries; others: None.
- (iii) Marketable securities held as of December 31, 2022 (excluding invested subsidiaries, associates and joint ventures): Not applicable to banking subsidiaries; others: None.
- (iv) Cumulative purchases or sales of the same investee's securities up to \$300,000 or 10% of paid-in capital: Not applicable to banking subsidiaries; others: None.
- (v) Acquisition of real estate up to \$300,000 or 10% of paid in capital: None.
- (vi) Disposal of real estate up to \$300,000 or 10% of paid in capital: None.
- (vii) Discount on commission fees for transaction with related parties up to \$5,000: None.
- (viii) Receivables from related parties up to \$300,000 or 10% of paid in capital: None.
- (ix) Financial derivative transactions: Not applicable to bank subsidiaries; others: None.
- (x) Information on NPL disposal transaction:

1) Summary table of NPL disposal:

Unit: In Thousands of New Taiwan Dollars

Trade date	Counterparty	Debt component	Book value	Sale price	Gain (loss) on disposal	Additional term	Relationship
June 8, 2022	Deutsche Bank AG, London Branch	Unsecured loan	126,351	126,351	-	None	Non-related party
June 27, 2022	I.R servicing., Ltd.	Unsecured loan	25,761	25,761	-	None	Non-related party
December 05, 2022	Marukei Kathuobushi Inc.	Unsecured loan	116,169	116,169	-	None	Non-related party
December 21, 2022	I.R servicing.,Ltd	Unsecured loan	39,163	39,163	-	None	Non-related party

2) Disposal of a single batch of NPL up to \$1,000,000: None.

- (xi) Types of securitization instruments approved to be issued pursuant to financial assets securitization rules or real estate securitization rules and other relevant information: None.
- (xii) Business relationship and material transaction between the parent company and subsidiaries:

No. (Note)	Party	Counterparty	Relationship	Transaction status for the year ended December 31, 2022			
				Account	Amount	Terms	Percentage of consolidated net revenues or consolidated total assets
0	CTBC Bank Co., Ltd.	CTBC Bank Corp.(USA)	Parent to sub-subsidiary	Cash and cash equivalents/ Deposits and remittances	2,344,636	Identical with non-related parties	0.04%
0	CTBC Bank Co., Ltd.	CTBC Bank (Philippines) Corp.	Parent to subsidiary	Due from Central Bank and call loans to banks/ Deposit from Central Bank and other banks	307,080	Identical with non-related parties	0.01%
0	CTBC Bank Co., Ltd.	PT Bank CTBC Indonesia	Parent to subsidiary	Loans/Due to Central Bank and other banks	3,224,224	Identical with non-related parties	0.06%
0	CTBC Bank Co., Ltd.	CTBC Bank (Philippines) Corp.	Parent to subsidiary	Loans/Due to Central Bank and other banks	3,377,880	Identical with non-related parties	0.06%
0	CTBC Bank Co., Ltd.	Land And Houses Bank Public Company Limited	Parent to sub-subsidiary	Due from Central Bank and call loans to banks/ Due to Central Bank and other banks	1,842,480	Identical with non-related parties	0.03%
0	CTBC Bank Co., Ltd.	The Tokyo Star Bank, Ltd.	Parent to subsidiary	Other Liabilities/Other Assets	124,048	Identical with non-related parties	0.00%

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

No. (Note)	Party	Counterparty	Relationship	Transaction status for the year ended December 31, 2022			
				Account	Amount	Terms	Percentage of consolidated net revenues or consolidated total assets
0	CTBC Bank Co., Ltd.	The Tokyo Star Bank, Ltd.	Parent to subsidiary	Financial Assets at Fair Value through Profit or Loss/Financial Liabilities at Fair Value through Profit or Loss	148,338	Identical with non-related parties	0.00%
1	CTBC Capital Corp.	CTBC Bank Corp. (USA)	Subsidiary to sub-subsidiary	Cash and cash equivalents/ Deposits and remittances	558,331	Identical with non-related parties	0.01%

Note: Serial number is determined as follows:

1. 0 represents parent company.
2. Subsidiaries are numbered in a sequence of Arabic numerals from 1 based on company category.

(xiii) Other significant transactions that may have substantial influence upon the decisions made by financial statement users:  
None.

(b) Information on investees:

The following is the information on investees for the year ended December 31, 2022 (excluding information on investees in Mainland China):

Unit: In Thousands of New Taiwan Dollars/Thousand Shares

Name of investee company	Location	Main business scope	Shareholding ratio	Book Value	Investment gain (loss) recognized	Aggregate shareholding of the Bank and subsidiaries				Note
						Number of shares	Number of pro forma shares	Total		
								Number of shares	Shareholding ratio	
CTBC Bank (Philippines) Corp.	Philippines	Commercial banking and financing business	99.72%	6,016,874	186,197	347,319	-	347,319	99.72%	The transaction on the left has been written off when composing consolidated financial report.
PT Bank CTBC Indonesia	Indonesia	Commercial banking and financing business	99.00%	5,823,037	81,163	1	-	1	99.00%	The transaction on the left has been written off when composing consolidated financial report.
CTBC Bank Corp. (Canada)	Canada	Commercial banking and financing business	100.00%	1,949,869	139,792	2,746	-	2,746	100.00%	The transaction on the left has been written off when composing consolidated financial report.
CTBC Capital Corp.	USA	Investment business	100.00%	20,048,982	1,571,121	6	-	6	100.00%	The transaction on the left has been written off when composing consolidated financial report.
CTBC Bank Corp. (USA)	USA	Commercial banking and financing business	100.00%	19,334,981	1,519,086	common shares 3 preferred shares 100	-	common shares 3 preferred shares 100	100.00%	The transaction on the left has been written off when composing consolidated financial report.
The Tokyo Star Bank, Ltd.	Japan	Commercial banking and financing business	100.00%	38,115,168	584,272	700	-	700	100.00%	The transaction on the left has been written off when composing consolidated financial report.
The Tokyo Star Business Finance, Ltd.	Japan	Financing and assurance business	100.00%	2,975,207	117,505	1,936	-	1,936	100.00%	The transaction on the left has been written off when composing consolidated financial report.
AZ-Star Co., Ltd.	Japan	Fund management business	40.00%	23,292	(1,054)	-	-	-	40.00%	

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

Name of investee company	Location	Main business scope	Shareholding ratio	Book Value	Investment gain (loss) recognized	Aggregate shareholding of the Bank and subsidiaries				Note
						Number of shares	Number of pro forma shares	Total		
								Number of shares	Shareholding ratio	
AZ-Star no. 3 Investment Limited Partnership	Japan	Equity investment business	23.56%	373,400	(24,287)	3	-	3	23.56%	
LH Financial Group Public Company Limited	Thailand	Investment business	46.61%	20,288,114	1,166,050	9,873,012	-	9,873,012	46.61%	The transaction on the left has been written off when composing consolidated financial report.
Land and Houses Bank Public Company Limited	Thailand	Commercial banking and financing business	99.99%	31,058,518	1,006,986	2,000,000	-	2,000,000	99.99%	The transaction on the left has been written off when composing consolidated financial report.
Land and Houses Fund Management Company Limited	Thailand	Fund management business	99.99%	390,225	77,093	3,000	-	3,000	99.99%	The transaction on the left has been written off when composing consolidated financial report.
Land and Houses Securities Public Company Limited	Thailand	Securities business	99.90%	1,364,837	114,323	1,273,121	-	1,273,121	99.90%	The transaction on the left has been written off when composing consolidated financial report.
Land and Houses Advisory Company Limited	Thailand	Securities investment consultant business	99.99%	3,831	(230)	2,000	-	2,000	99.99%	The transaction on the left has been written off when composing consolidated financial report.
Grand Bills Finance Corporation	Taiwan(R.O.C.)	Proprietary traders of short-term bills and bonds	21.15%	1,634,203	81,331	114,399	-	114,399	21.15%	
Xiamen Jinmeixin Consumer Finance Co., Ltd.	China(P.R.C.)	Consumer financial business	34.00%	1,081,342	124,122	-	-	-	34.00%	

(c) Information on investment in mainland China:

(i) Related information on investee companies in Mainland China:

Unit: In Thousands of New Taiwan Dollars/Thousands of US Dollars/Thousands of RMB Dollars

Name of investee company in Mainland China	Main businesses	Total amount of paid-in capital	Method of investment (Note 1)	Accumulated outflow of investment from Taiwan as of January 1, 2022	Investment flows		Accumulated outflow of investment from Taiwan as of December 31, 2022	Investment gains (losses)	Percentage of ownership for direct or indirect investment	Investment gains (losses) (Note 2)	Book value as of December 31, 2022	Accumulated inward remittance of earning as of December 31, 2022
					Outflow	Inflow						
CTBC Bank Co., Ltd., Shanghai Branch	Commercial banking	6,194,068 USD 206,045	3	6,194,068 USD 206,045	-	-	6,194,068 USD 206,045	1,039,624 RMB232,380	A branch in Shanghai; not an investee	1,039,624	8,899,544	None
CTBC Bank Co., Ltd., Guangzhou Branch	Commercial banking	4,114,056 USD 130,531	3	4,114,056 USD 130,531	-	-	4,114,056 USD 130,531	112,765 RMB 25,542	A branch in Guangzhou; not an investee	112,765	5,124,942	None
CTBC Bank Co., Ltd., Xiamen Branch	Commercial banking	4,081,960 RMB 800,000	3	4,081,960 RMB 800,000	-	-	4,081,960 RMB 800,000	126,894 RMB 28,197	A branch in Xiamen; not an investee	126,894	4,506,382	None
CTBC Bank Co., Ltd., Shenzhen Branch	Commercial banking	1,351,890 RMB 100,000 USD 29,395	3	1,351,890 RMB 100,000 USD 29,395	-	-	1,351,890 RMB 100,000 USD 29,395	(35,608) RMB (8,223)	A branch in Shenzhen; not an investee	(35,608)	1,237,178	None
Xiamen Jinmeixin Consumer Finance Co., Ltd.	Financing business	795,471 RMB 170,000	1	795,471 RMB 170,000	-	-	795,471 RMB 170,000	365,065 RMB 82,763	34%	124,122	1,081,342	None

Note 1: Three methods of investment are as below; identify one of them:

- Invest in Mainland China companies directly.

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

2. Re-invest in Mainland China companies through another investee in a third area. (Please identify the investee in the third area)
3. Other method: set up new overseas branches.

Note 2: The bases for recognition of investment gains or losses are as below:

1. The individual profit or loss of an oversea branch.
2. Current gains or losses of an investee.

(ii) Upper limit on investment in Mainland China:

Unit: In Thousands of New Taiwan Dollars/Thousands of US Dollars/Thousands of RMB Dollars

Accumulated outflow of investment from Taiwan to Mainland China as of December 31, 2022	Investment amounts authorized by Investment Commission, MOEA	Upper limit on investment authorized by Investment Commission, MOEA
16,537,445 (USD 365,971 ) (RMB 1,070,000 )	17,430,215  (RMB 3,540,000 )	216,604,783

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

**(14) Segment information:**

The Bank and subsidiaries' provide their chief operating decision maker with necessary information according to the characteristics of the business, to facilitate the assessment of performance and allocation of operational resources. The disclosures of assets, profits and losses are the same as the summary of significant accounting policies described in Note 4.

According to IFRS 8 "Operating Segments", reportable segments are as below:

The major operating activities of Institutional Banking are commercial banking and capital market activities which provide clients with flexible and tailor-made financing services and the design, supply, and propriety trading of various financial products.

The major operating activities of Retail Banking is providing target clients with relevant financial services, including wealth management, credit cards, secured loans, and unsecured individual loans.

The major operating activities of other segments are investing and general administration. The above operating segments did not meet the criteria for reportable segments when applying quantitative thresholds.

**(a) Segment Information**

<b>For the year ended December 31, 2022</b>	<b>Institutional banking</b>	<b>Retail banking</b>	<b>Other segments</b>	<b>Total</b>
Net interest income (losses)	\$ 39,236,509	35,919,186	(69,732)	75,085,963
Non-interest income	13,594,158	25,848,049	4,238,441	43,680,648
Net income	52,830,667	61,767,235	4,168,709	118,766,611
Net income before tax	<b>\$ 23,876,147</b>	<b>22,560,359</b>	<b>1,001,099</b>	<b>47,437,605</b>
Total assets	<b>\$ 3,821,850,416</b>	<b>1,676,044,678</b>	<b>39,277,640</b>	<b>5,537,172,734</b>
<b>For the year ended December 31, 2021</b>	<b>Institutional banking</b>	<b>Retail banking</b>	<b>Other segments</b>	<b>Total</b>
Net interest income (losses)	\$ 33,375,558	25,898,046	(304,865)	58,968,739
Non-interest income	11,826,954	29,292,443	4,581,949	45,701,346
Net income	45,202,512	55,190,489	4,277,084	104,670,085
Net income (losses) before tax	<b>\$ 16,898,535</b>	<b>22,692,793</b>	<b>(4,618,354)</b>	<b>34,972,974</b>
Total assets	<b>\$ 3,466,975,912</b>	<b>1,331,190,860</b>	<b>79,985,423</b>	<b>4,878,152,195</b>

(Continued)

**CTBC BANK CO., LTD. AND SUBSIDIARIES**  
**Notes to the Consolidated Financial Statements**

(b) Geographic segment information

Region	<b>For the years ended December 31</b>	
	<b>2022</b>	<b>2021</b>
Net income:		
Taiwan	\$ 78,963,182	75,539,171
Asia	33,699,263	24,357,776
North America	6,104,166	4,773,138
Total	<b>\$ 118,766,611</b>	<b>104,670,085</b>
Non-current assets:		
Taiwan	\$ 4,930,103	2,850,197
Asia	98,832,237	98,869,046
North America	25,603,422	22,080,820
Total	<b>\$ 129,365,762</b>	<b>123,800,063</b>

(c) Information on major customers: Not applicable to the interim financial statements.

For the years ended December 31, 2021 and 2020, no individual customer of the Bank and subsidiaries accounted for 10% or more of the Bank and subsidiaries' revenue in the statements of income. Therefore, disclosure of information on major customers is not required.

**CTBC BANK CO., LTD.**  
**Financial Statements**  
**With Independent Auditors' Report**  
**For the Years Ended December 31, 2022 and 2021**

**Address:** No.166, 168, 170, 186, 188, Jingmao 2nd Rd., Nangang Dist., Taipei City  
115, Taiwan, R.O.C.  
**Telephone:** 886-2-3327-7777

The independent auditors' report and the accompanying financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' report and financial statements, the Chinese version shall prevail.





安侯建業聯合會計師事務所

KPMG

台北市110615信義路5段7號68樓(台北101大樓)  
68F., TAIPEI 101 TOWER, No. 7, Sec. 5,  
Xinyi Road, Taipei City 110615, Taiwan (R.O.C.)

電 話 Tel	+ 886 2 8101 6666
傳 真 Fax	+ 886 2 8101 6667
網 址 Web	home.kpmg/tw

## Independent Auditors' Report

To the Board of Directors of CTBC Bank Co., Ltd.:

### Opinion

We have audited the financial statements of CTBC Bank Co., Ltd. (“the Bank”), which comprise the balance sheets as of December 31, 2022 and 2021, the statements of comprehensive income, changes in stockholders’ equity and cash flows for the years ended December 31, 2022 and 2021, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Bank as at December 31, 2022 and 2021, and its financial performance and its cash flows for the years ended December 31, 2022 and 2021 in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, Regulations Governing the Preparation of Financial Reports by Securities Firms, and Regulations Governing the Preparation of Financial Reports by Futures Commission Merchants.

### Basis for Opinion

We conducted our audit of the financial statements in accordance with the Regulations Governing Auditing and Certification of Financial Statements by Certified Public Accountants, Jin Kuan Yin No.10802731571 issued by the Financial Supervisory Commission, and the Standards on Auditing of the Republic of China. Our responsibilities under those standards are further described in the Auditors’ Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Bank in accordance with the Certified Public Accountants Code of Professional Ethics in Republic of China (“ the Code” ), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our opinion.

### Emphasis of Matter

The judicial cases are stated in Note 9(c). Part of judicial cases are still under investigation by the judiciary, and the results remain uncertain. Our opinion is not modified in respect of this matter.

### Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the financial statements for year ended December 31, 2022. These matters were addressed in the context of our audit of the financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. In our judgment, the key audit matters which should communicate through the auditors’ report were as follows:



## 1. Assessment of the fair value of financial instruments

Please refer to Note 4(e) for the related accounting policies of the assessment of the fair value of financial instruments, Note 5 for the accounting assumptions and estimation uncertainty, and Note 6(ao) for the other details.

Description of key audit matter:

Parts of the financial instruments owned by the Bank as of December 31, 2022 were valued via evaluation model due to the lack of transaction prices at active market, and parts of the referred input values could not be obtained from the public market. Thus, it demands significant professional judgments from the management by using different valuation techniques and assumptions for input values. Therefore, the assessment of fair value of financial instruments is one of the key audit matters.

How the matter was addressed in our audit:

Our principal audit procedures included: Testing the management's control procedures over the classification, measurement and disclosure of fair value of financial instruments, including evaluating how the management determines the classification of financial instruments, chooses the appropriate evaluation method and decides the prime parameter hypothesis, and confirming that the presentation and disclosure of financial instruments are in accordance with the International Financial Reporting Standards (IFRSs). For financial instruments with active market prices, we used sampling test to assess the appropriateness of public quoted prices. As to financial instruments using evaluation model to measure their fair value, we used sampling test to confirm the appropriateness of the evaluation method and the prime input values used by the management.

## 2. Impairment of loans and receivables

Please refer to Note 4(e) for the related accounting policies of impairment of loans and receivables, Note 5 for the accounting assumptions and estimation uncertainty, and Note 6(h), (i), (j) and (ao) for the other details.

Description of key audit matter:

The management assessed the expected credit loss (ECL) of loans and receivables by identifying whether the credit risk of credit assets has significantly increased since initial recognition, then dividing ECL into 12-month ECL and lifetime ECL, and dividing them into collective assessment and individual assessment to measure them by using different impairment methods. For collective assessment, the impairment is calculated by establishing an impairment model and using the past loss experience, current market conditions and forward-looking estimation on assets with similar credit risk characteristic to form basic estimation. For individual assessment, the measurement is based on expected future recoverable cash flows. The aforementioned measurement methods involved significant professional judgments and estimation by the management; therefore, the impairment of loans and receivables is one of the key audit matters.

How the matter was addressed in our audit:

Our principal audit procedures included: Understanding the methodology and related control procedures on how the management assesses and measures the impairment amount of loans and receivables. For collective assessment, we assessed the impairment model adopted by the management and reviewed the appropriateness of the calculation of the impairment parameters (including probability of default, loss given default, exposure at default and recovery rate) via sampling. For individual assessment, we used sampling test to assess the appropriateness of the estimation of future recoverable amounts and the value of collateral. Meanwhile, we assessed whether the allowance for loans and receivables meets the regulation requirement.



## **Responsibilities of Management and Those Charged with Governance for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, Regulations Governing the Preparation of Financial Reports by Securities Firms, Regulations Governing the Preparation of Financial Reports by Futures Commission Merchants and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (including audit committee) are responsible for overseeing the Bank's financial reporting process.

## **Auditors' Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Standards on Auditing of the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with the Standards on Auditing of the Republic of China, we exercise professional judgment and professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Bank to cease to continue as a going concern.



5. Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
6. Obtain sufficient and appropriate audit evidence regarding the financial information of the investment in other entities accounted for using the equity method to express an opinion on the financial statements. We are responsible for the direction, supervision and performance of the audit and developing the Bank's audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' review report are Wu, Lin and Chen, Fu Jen.

KPMG

Taipei, Taiwan (Republic of China)  
March 15, 2023

#### **Notes to Readers**

The accompanying financial statements are intended only to present the statement of financial position, financial performance and cash flows in accordance with the accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to audit such financial statements are those generally accepted and applied in the Republic of China.

The independent auditors' audit report and the accompanying financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' audit report and financial statements, the Chinese version shall prevail.

(English Translation of Financial Statements Originally Issued in Chinese)  
CTBC BANK CO., LTD.

Balance Sheets

December 31, 2022 and 2021

(Expressed in Thousands of New Taiwan Dollars)

	December 31, 2022		December 31, 2021		December 31, 2022		December 31, 2021			
	Amount	%	Amount	%	Amount	%	Amount	%		
<b>ASSETS</b>										
Cash and cash equivalents (note 4, 6(a) and (f), and 7)	\$ 64,984,492	1	49,910,063	1						
Due from Central Bank and call loans to banks (note 6(b), 7 and 8)	371,766,173	8	217,525,470	6	21000	Deposits from Central Bank and other banks (note 6(r) and 7)	\$ 77,171,381	2	43,164,358	1
Financial assets measured at fair value through profit or loss (note 4, 6(c), (t) and (ao), and 7)	198,085,226	4	158,751,395	4	21500	Due to Central Bank and other banks (note 6(s) and 8)	-	-	3,680,570	-
Financial assets measured at fair value through other comprehensive income (note 4, 6(d), (t) and (ao), and 8)	155,409,357	3	203,469,856	5	22000	Financial liabilities measured at fair value through profit or loss (note 4, 6(c) and (ao), and 7)	63,847,387	1	39,458,037	1
Investment in debt instruments at amortized cost (note 4, 6(e), (t) and (ao), and 8)	942,214,869	20	928,755,463	23	22300	Financial liabilities-hedging (note 4, 6(f) and (ao))	503,026	-	1,930	-
Financial assets-hedging (note 4, 6(f) and (ao))	18,389	-	262,867	-	22500	Securities sold under repurchase agreements (note 4, 6(t) and 7)	133,019,516	3	92,977,838	2
Securities purchased under resell agreements (note 4 and 6(g))	9,388,143	-	737,124	-	23000	Payables (note 6(u) and 7)	81,285,563	2	71,888,782	2
Receivables-net (note 4, 6(h), (j) and (ao), 7 and 8)	158,113,721	3	154,912,537	4	23200	Current income tax liabilities (note 4)	4,928,958	-	7,992,194	-
Current income tax assets (note 4)	636,945	-	941,906	-	23500	Deposits and remittances (note 6(v) and 7)	3,827,483,708	82	3,356,939,456	84
Loans-net (note 4, 6(i), (j) and (ao), 7 and 8)	2,527,110,543	57	2,114,193,331	53	24000	Financial debentures (note 6(c) and (w))	53,299,997	1	55,999,997	2
Investment under equity method-net (note 4 and 6(k))	94,957,589	2	92,437,438	2	25000	Other financial liabilities (note 6(x))	14,002,013	-	7,755,709	-
Other financial assets-net (note 4, 6(j), (l) and (ao), and 8)	2,028,878	-	4,314,344	-	25600	Provisions (note 4, 6(i), (y) and (ab))	3,612,848	-	4,509,782	-
Premises and equipment-net (note 4 and 6(n))	39,415,743	1	39,919,055	1	26000	Lease liabilities (note 4, 6(aa) and 7)	11,857,655	-	11,311,707	-
Right-of-use assets-net (note 4 and 6(o))	13,542,506	-	13,170,929	-	29300	Deferred tax liabilities (note 4 and 6(ac))	3,856,659	-	2,179,530	-
Investment property-net (note 4 and 6(m))	4,819,089	-	5,202,667	-	29500	Other liabilities (note 6(z))	14,659,193	-	8,598,400	-
Intangible assets-net (note 4 and 6(p))	14,011,612	-	13,515,158	-		<b>Total Liabilities</b>	<u>4,289,527,904</u>	<u>91</u>	<u>3,706,458,290</u>	<u>92</u>
Deferred income tax assets (note 4 and 6(ac))	6,768,114	-	7,123,473	-	31101	Capital stock:				
Other assets-net (note 4 and 6(q))	23,947,402	1	18,147,942	1	31500	Common stock (note 6(ad))	147,962,186	3	147,962,186	4
						Capital surplus (note 6(ad))	29,872,413	1	29,808,171	1
						Retained earnings:				
						Legal reserve	116,085,819	3	107,112,133	3
						Special reserve	25,767,513	1	16,966,072	-
						Undistributed earnings (note 6(ad))	37,436,876	1	29,912,366	1
						Other equity interest (note 6(ad))	(19,433,920)	-	(14,928,200)	(1)
						<b>Total Equity</b>	<u>337,690,887</u>	<u>9</u>	<u>316,832,728</u>	<u>8</u>
<b>TOTAL ASSETS</b>	<u>\$ 4,627,218,791</u>	<u>100</u>	<u>4,023,291,018</u>	<u>100</u>		<b>TOTAL LIABILITIES AND EQUITY</b>	<u>\$ 4,627,218,791</u>	<u>100</u>	<u>4,023,291,018</u>	<u>100</u>

See accompanying notes to financial statements.

(English Translation of Financial Statements Originally Issued in Chinese)  
CTBC BANK CO., LTD.

Statements of Comprehensive Income

For the years ended December 31, 2022 and 2021

(Expressed in Thousands of New Taiwan Dollars, Except for Earnings Per Share)

	2022		2021		Change %	
	Amount	%	Amount	%		
41000	Interest income (note 6(ah) and 7)	\$ 81,092,065	83	55,431,386	62	46
51000	Less: Interest expenses (note 6(ah) and 7)	(26,259,132)	(27)	(11,234,398)	(13)	134
	<b>Net interest income (note 6(ah))</b>	<u>54,832,933</u>	<u>56</u>	<u>44,196,988</u>	<u>49</u>	<u>24</u>
	<b>Net non-interest income</b>					
49100	Service fee and commission income (note 6(ai) and 7)	32,946,351	34	35,958,621	41	(8)
49200	Gains on financial assets or liabilities measured at fair value through profit or loss (note 6(aj))	5,655,716	6	679,412	1	732
49310	Realized (losses) gains on financial assets measured at other comprehensive income	(386,025)	-	1,663,626	2	(123)
49450	Gains on derecognition of financial assets measured at amortized cost (note 6(c))	51,894	-	384,666	1	(87)
49600	Foreign exchange gains	2,092,866	2	3,543,417	4	(41)
49700	Reversal of impairment losses on assets	24,431	-	6,593	-	271
49750	Proportionate share of gains from associates or joint ventures under equity method (note 6(k) and 12(c))	3,934,048	4	2,742,720	3	43
49800	Other net non-interest income (note 12(c))	1,261,435	1	2,146,841	2	(41)
49815	Gains on investment property	135,227	-	108,267	-	25
49899	Public-welfare lottery payment	(2,700,000)	(3)	(2,700,000)	(3)	-
	<b>Net revenue</b>	<u>97,848,876</u>	<u>100</u>	<u>88,731,151</u>	<u>100</u>	<u>10</u>
58200	<b>Provision for bad debt expenses, commitment and guarantee liability provision (note 6(j))</b>	<u>(5,185,551)</u>	<u>(5)</u>	<u>(4,997,798)</u>	<u>(6)</u>	<u>(4)</u>
	<b>Operating expenses:</b>					
58500	Employee benefits expenses (note 6(ak) and (am))	(24,471,738)	(25)	(28,136,659)	(32)	13
59000	Depreciation and amortization expenses (note 6(al))	(4,884,325)	(5)	(4,700,419)	(5)	4
59500	Other general and administrative expenses (note 6(an) and 7)	(18,918,725)	(19)	(16,509,598)	(18)	15
	<b>Total operating expenses</b>	<u>(48,274,788)</u>	<u>(49)</u>	<u>(49,346,676)</u>	<u>(55)</u>	<u>(2)</u>
	<b>Net income before tax from continuing operations</b>	<u>44,388,537</u>	<u>46</u>	<u>34,386,677</u>	<u>39</u>	<u>29</u>
61003	<b>Less: Income tax expenses (note 6(ac))</b>	<u>7,246,657</u>	<u>7</u>	<u>4,591,109</u>	<u>5</u>	<u>58</u>
	<b>Net income</b>	<u>37,141,880</u>	<u>39</u>	<u>29,795,568</u>	<u>34</u>	<u>25</u>
65000	<b>Other comprehensive income:</b>					
65200	<b>Items that will not be reclassified subsequently to profit or loss</b>					
65201	Remeasurement gains(losses) related to defined benefit plans	405,375	-	(333,098)	-	222
65205	Changes in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	2,329,242	2	33,300	-	6,895
65204	Unrealized (losses) gains from investments in equity instruments measured at fair value through other comprehensive income	(1,861,748)	(2)	1,728,024	2	(208)
65207	Proportionate share of other comprehensive (losses) income from associates or joint ventures under the equity method	(955,327)	(1)	73,958	-	(1,392)
65220	Less: Income tax related to items that will not be reclassified to profit or loss	500,594	1	(43,585)	-	1,249
	Subtotal	<u>(583,052)</u>	<u>(2)</u>	<u>1,545,769</u>	<u>2</u>	<u>(138)</u>
65300	<b>Items that are or may be reclassified subsequently to profit or loss</b>					
65301	Exchange differences of overseas subsidiaries' financial reports translation	4,929,518	5	(6,770,392)	(8)	173
65308	Unrealized losses from investments in debt instruments measured at fair value through other comprehensive income	(6,187,939)	(6)	(2,768,327)	(3)	(124)
65307	Proportionate share of other comprehensive losses from associates or joint ventures under the equity method	(2,550,320)	(3)	(687,428)	(1)	(271)
65320	Less: Income tax related to items that are or may be reclassified to profit or loss	(181,020)	-	(1,063,828)	(1)	83
	Subtotal	<u>(3,627,721)</u>	<u>(4)</u>	<u>(9,162,319)</u>	<u>(11)</u>	<u>60</u>
65000	<b>Other comprehensive losses (net amount after tax)</b>	<u>(4,210,773)</u>	<u>(6)</u>	<u>(7,616,550)</u>	<u>(9)</u>	<u>45</u>
66000	<b>Total comprehensive income</b>	<u>\$ 32,931,107</u>	<u>33</u>	<u>22,179,018</u>	<u>25</u>	<u>48</u>
	<b>Earnings per share (unit: NT dollars) (note 6(ag))</b>	<u>\$ 2.51</u>		<u>2.01</u>		

See accompanying notes to financial statements.

(English Translation of Financial Statements Originally Issued in Chinese)  
CTBC BANK CO., LTD.

Statements of Changes in Equity  
For the years ended December 31, 2022 and 2021  
(Expressed in Thousands of New Taiwan Dollars)

	Capital stock		Retained earnings			Other equity interest			Total equity
	Common stock	Capital surplus	Legal reserve	Special reserve	Undistributed earnings	Exchange differences of overseas subsidiaries' financial reports translation	Unrealized gains (losses) on financial assets measured at fair value through other comprehensive income	Change in designated as financial liabilities measured at fair value through profit or loss attributable to credit risk	
<b>Balance at January 1, 2021</b>	\$ 147,962,186	29,859,205	99,015,191	14,863,982	26,492,858	(10,256,851)	3,938,864	(72,291)	312,209,844
Net income	-	-	-	-	29,795,568	-	-	-	29,795,568
Other comprehensive (losses) income	-	-	-	-	(240,782)	(5,727,766)	(1,674,642)	26,640	(7,616,550)
Total comprehensive income (losses)	-	-	-	-	29,554,786	(5,727,766)	(1,674,642)	26,640	22,179,018
Appropriation and distribution of retained earnings:									
Legal reserve appropriated	-	-	8,096,942	-	(8,096,942)	-	-	-	-
Special reserve appropriated	-	-	-	2,389,454	(2,389,454)	-	-	-	-
Cash dividends of common share	-	-	-	-	(16,790,748)	-	-	-	(16,790,748)
Reversal of special reserve	-	-	-	(287,364)	287,364	-	-	-	-
Changes in equity of associates and joint ventures accounted under equity method	-	(51,034)	-	-	(1,478,132)	(586,620)	1,259,800	-	(855,386)
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	1,835,634	-	(1,835,634)	-	-
Balance at December 31, 2021	147,962,186	29,808,171	107,112,133	16,966,072	29,912,366	(16,570,637)	1,688,088	(45,651)	316,832,728
Net income	-	-	-	-	37,141,880	-	-	-	37,141,880
Other comprehensive income (losses)	-	-	-	-	324,535	4,712,752	(11,111,453)	1,863,393	(4,210,773)
Total comprehensive income (losses)	-	-	-	-	37,466,415	4,712,752	(11,111,453)	1,863,393	32,951,107
Appropriation and distribution of retained earnings:									
Legal reserve appropriated	-	-	8,973,686	-	(8,973,686)	-	-	-	-
Special reserve appropriated	-	-	-	8,801,441	(8,801,441)	-	-	-	-
Cash dividends of common share	-	-	-	-	(12,137,190)	-	-	-	(12,137,190)
Share-based payments	-	64,242	-	-	-	-	-	-	64,242
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	(29,588)	-	29,588	-	-
<b>Balance at December 31, 2022</b>	\$ 147,962,186	29,872,413	116,085,819	25,767,513	37,436,876	(11,857,885)	(9,393,777)	1,817,742	337,690,887

Note: For the years ended December 31, 2022 and 2021, the compensations for employees were \$22,205 and \$17,202, respectively, which were deducted from the statement of comprehensive income.

See accompanying notes to financial statements.

(English Translation of Financial Statements Originally Issued in Chinese)  
CTBC BANK CO., LTD.

Statements of Cash Flows

For the years ended December 31, 2022 and 2021

(Expressed in Thousands of New Taiwan Dollars)

	2022	2021
<b>Cash Flows from Operating Activities:</b>		
<b>Net Income (Losses) Before Tax</b>	\$ 44,388,537	34,386,677
<b>Adjustments:</b>		
<b>Income and expenses items:</b>		
Depreciation expense	3,996,842	3,885,588
Amortization expense	916,206	845,249
Provision for (reversal of) expected credit loss / bad debt expenses, commitment and guarantee liability provision	5,185,551	4,997,798
Net losses (gains) on financial assets or liabilities measured at fair value through profit or loss	(4,124,164)	16,533,216
Interest expense	26,259,132	11,234,398
Interest income	(81,092,065)	(55,431,386)
Dividend income	(993,896)	(911,734)
Net change in other provisions	62,823	(1,954)
Share based payments	61,194	-
Proportionate share of (losses) gains from subsidiaries associates and joint ventures under equity method	(3,934,048)	(2,729,952)
Losses (gains) on disposal and retirement of premises and equipment	10,823	10,115
Losses (gains) on disposal of investment properties	(158,954)	(133,008)
Losses (gains) on disposal and retirement of intangible assets	9,364	1,769
Losses (gains) on disposal of investments under equity method	-	(12,768)
Provision for (reversal of) impairment losses on financial assets	(7,587)	(3,637)
Provision for (reversal of) impairment losses on non-financial assets	(16,844)	(2,956)
Losses (gains) on disposal of foreclosed properties	(5,452)	-
Other adjustments	901,335	(540,797)
<b>Subtotal of income and expense items</b>	(52,929,740)	(22,260,059)
<b>Changes in Operating Assets and Liabilities:</b>		
<b>Net Changes in Operating Assets:</b>		
(Increase) decrease in due from Central Bank and call loans to banks	(43,079,278)	(13,074,474)
(Increase) decrease in financial assets measured at fair value through profit or loss	(38,268,075)	3,983,768
(Increase) decrease in financial assets measured at fair value through other comprehensive income	39,973,409	85,773,981
(Increase) decrease in investments in debt instruments at amortized cost	(13,460,228)	(158,816,696)
(Increase) decrease in hedging financial assets	244,478	(246,473)
(Increase) decrease in receivables	786,438	(16,525,875)
(Increase) decrease in loans	(418,400,872)	(206,568,605)
(Increase) decrease in other financial assets	2,181,276	(3,125,123)
(Increase) decrease in other assets	(2,559,268)	(2,121,742)
<b>Net Changes in Operating Assets</b>	(472,582,120)	(310,721,239)
<b>Net Changes in Operating Liabilities:</b>		
Increase (decrease) in deposits from Central Bank and other banks	34,007,023	(7,882,999)
Increase (decrease) in financial liabilities measured at fair value through profit or loss	26,215,399	(26,311,348)
Increase (decrease) in hedging financial liabilities	501,096	(209,742)
Increase (decrease) in payables	4,649,076	303,741
Increase (decrease) in deposits and remittances	470,544,252	286,704,163
Increase (decrease) in other financial liabilities	5,401,315	391,798
Increase (decrease) in employee benefits reserve	(375,201)	(167,596)
Increase (decrease) in other liabilities	6,060,797	(2,604,196)
<b>Net Changes in Operating Liabilities</b>	547,003,757	250,223,821
<b>Net Changes in Operating Assets and Liabilities</b>	74,421,637	(60,497,418)
<b>Sum of Adjustments</b>	21,491,897	(82,757,477)
Cash provided by (used in) Operating Activities	65,880,434	(48,370,800)
Interest received	77,326,064	55,042,105
Dividends received	1,194,900	1,532,229
Interest paid	(18,547,319)	(11,111,843)
Income taxes refund (paid)	(8,436,769)	(2,824,807)
<b>Net Cash Flows Provided by (Used in) Operating Activities</b>	117,417,310	(5,733,116)



(English Translation of Financial Statements Originally Issued in Chinese)  
CTBC BANK CO., LTD.

Statements of Cash Flows

For the years ended December 31, 2022 and 2021

(Expressed in Thousands of New Taiwan Dollars)

	2022	2021
<b>Cash Flows from Investing Activities:</b>		
Purchase of investments under equity method	\$ -	(3,586,280)
Purchase of premises and equipment	(1,430,200)	(1,027,697)
Disposal of premises and equipment	52	305
Purchase of intangible assets	(811,104)	(457,874)
Disposal of foreclosed properties	35,703	-
Disposal of investment properties	453,137	429,620
<b>Net Cash Flows Provided by (Used in) Investing Activities</b>	<b>(1,752,412)</b>	<b>(4,641,926)</b>
<b>Cash Flows from Financing Activities:</b>		
Increase in due to Central bank and other banks	-	811,800
Decrease in due to Central bank and other banks	(3,680,570)	-
Issuance of financial debentures	-	1,000,000
Repayments of financial debentures	(2,700,000)	(4,000,000)
Increase in securities sold under repurchase agreements	40,041,678	12,989,465
Increase in financial liabilities designated at fair value through profit or loss	2,351,680	4,286,347
Decrease in financial liabilities designated at fair value through profit or loss	-	(7,599,570)
Payment of lease liabilities	(1,689,516)	(1,688,611)
Cash dividends paid	(12,137,190)	(16,790,748)
Interest paid	(2,964,107)	(1,987,907)
<b>Net Cash Flows Provided by (Used in) Financing Activities</b>	<b>19,221,975</b>	<b>(12,979,224)</b>
<b>Increase (decrease) in Cash and Cash Equivalents</b>	<b>134,886,873</b>	<b>(23,354,266)</b>
<b>Cash and Cash Equivalents at the Beginning of Period</b>	<b>189,911,846</b>	<b>213,266,112</b>
<b>Cash and Cash Equivalents at the End of Period</b>	<b>\$ 324,798,719</b>	<b>189,911,846</b>
<b>Composition of Cash and Cash Equivalents:</b>		
Cash and cash equivalents recognized in balance sheet	\$ 64,984,492	49,910,063
Due from Central Bank and call loans to bank which meet IAS 7 definition of cash and cash equivalents	250,426,084	139,264,659
Securities purchased under resell agreements which meet IAS 7 definition of cash and cash equivalents	9,388,143	737,124
<b>Cash and Cash Equivalents at the End of Period</b>	<b>\$ 324,798,719</b>	<b>189,911,846</b>

See accompanying notes to financial statements.



CTBC BANK  
中國信託銀行