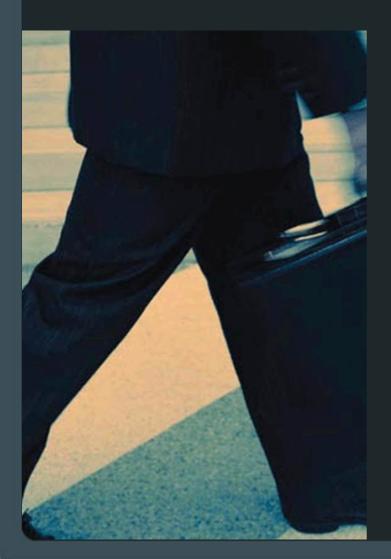


## Asia Telecom Industry Report, 2008-2009



Asia's telecom market is with huge potential and rapid development, while its mobile phone prevalence ratio in Asia is far lower than Europe and America, leaving vast room for the new technologies to grow like 3G. In addition, the consumers in China calls more for high-rate broadband than Europe and America, but the broadband prevalence ratio is low as well. Now, the broadband construction is under the way, and both cable broadband and wireless broadband are popular among the users.



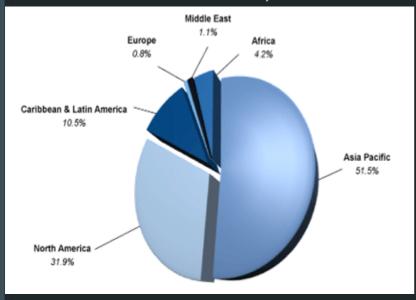
### **Telecom Subscribers of Key Asian Countries, 2007-2008**

| Unit: 10,000 | Fixed Telephone |          | Mobile Phone |            | Broadband |      |
|--------------|-----------------|----------|--------------|------------|-----------|------|
|              | 2007            | 2008     | 2007         | 2008       | 2007      | 2008 |
| Japan        | 5887            | 5876     | 10942        | 11040      | 2974      | 3009 |
| South Korea  | 2329            | 2300     | 4350         | 4561       | 1471      | 1547 |
| India        | 3940            | 3790     | 22360        | 34689      | 320       | 552  |
| Singapore    | 186             | 186      | 562          | 634        | 325       | 472  |
| Malaysia     | 435             | 429      | 2335         | 2713       | 103       | 171  |
| Thailand     | 703             | _        | 5138         | 5500       |           |      |
| Indonesia    | 872             | 861 (Q3) | 9339         | 12699 (Q3) | _         |      |
| Philippines  | 394             | _        | 5734         | _          | _         |      |
| Viet Nam     |                 | 1357     |              | 6868       | 129       | 205  |
| Laos         | 147             | _        | 148          |            |           |      |
| Burma        | <b>50.</b> 4    |          | 21.4         | _          | _         |      |
| Uzbekistan . |                 | _        | 593          | 1127       |           |      |
| Kirghizia    | 48              |          | 190          | _          |           |      |
| Tajikistan   |                 | _        | 213          | 343        |           |      |
| Kazakhstan   | 324             |          | 1258         | _          | 38        |      |
| Pakistan     | 481             | 442      | 6316         | 8802       | _         | _    |
| Turkey       | 1820            | 1750     | 6200         | _          | 435       | _    |
| Syria        | 345             | _        | 670          | _          | _         | _    |
| Saudi Arabia | 400             | _        | 2840         | _          | _         | _    |
| Emirates     | 138             | _        | 760          | _          | _         | _    |
| Bahrain      | 20              | _        | 112          | _          | 7         | _    |

Source: ResearchInChina

CDMA has developed rapidly in Asia, and as of the end of 2008, CDMA users in Asia had accounted for 52.5% in the world's total.

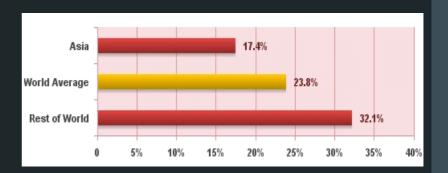
#### World's CDMA Users, 2008



Source: CDG; ResearchInChina

In Asia, the internet access mode has changed into broadband from dial-up, and the number of its users has topped in the world. Meanwhile, the broadband access technology has become increasingly mature and complicated, and the developed countries have adopted FTTH, and developed economies in Asia have also behaved well in the next generation NGN deposition.

#### Asia Internet User Penetration Rate, Q1 2009



Source: IWS; ResearchInChina

The report covers telecom market research of key Asian countries, telecom industry development strategy & investment, and key operators. Its research fields involve fixed telephone, mobile telecom, and broadband internet. In addition, it has mentioned 28 key Asian countries like South Korea, Japan, India, Singapore, Viet Nam, Uzbekistan, and Saudi Arabia.



### **Table of Contents**

- Part I Overview of Asia Telecom Industry
- 1 Asia Telecom Industry
- 1.1 Market Overview
- 1.2 Fixed Telephone
- 1.3 Mobile Phone
- 1.4 Internet & Broadband
- Part II Japan Telecom
- 2 Japan Telecom Industry
- 2.1 Market Overview
- 2.1.1 Market Size
- 2.1.2 Competitive Layout
- 2.1.3 Users
- 2.1.4 Policy Regulations
- 2.2 Development Strategies and Investment
- 2.2.1 Development Strategies
- 2.2.2 Investment
- 2.3 Business
- 2.3.1 Fixed Telephone
- 2.3.2 Mobile Communications

- 2.3.3 Internet & Broadband
- 2.3.4 3G
- 2.4 Key Operators
- 2.4.1 NTT DoCoMo
- 2.4.2 KDDI Corporation
- 2.4.3 SOFTBANK Corp
- 2.4.4 Nippon Telegraph and Telephone Corporation
- 2.4.5 NANO Media Inc
- 2.4.6 EMOBILE
- 2.4.7 WILLCOM
- Part III South Korea
- 3 South Korea Telecom Industry
- 3.1 Market Overview
- 3.1.1 Fixed Telephone
- 3.1.2 Mobile Communications
- 3.1.3 Broadband Communication
- 3.1.4 Internet
- 3.1.5 Policy Regulations



- 3.3 Key Operators
- 3.3.1 SKT
- 3.3.2 KTF
- 3.3.3 LGT
- 3.4 Key Wireless Content Providers
- 3.4.1 Com2us Corporation
- 3.4.2 DANAL
- 3.4.3 Omnitel, Inc.
- 3.4.4 YAHOH
- 3.4.5 KTF Music Corporation
- 3.4.6 Point-I Co., Ltd.
- 3.4.7 VAROVISION Co Ltd.
- 3.4.8 GaeaSoft Corporation
- 3.4.9 Mobilians Co., Ltd
- 3.4.10 EROOM G&G CO., LTD
- 3.4.11 ZeroOne Interactive Co., Ltd
- Part IV India Telecom Industry
- 4 India Telecom Industry
- 4.1 Market Overview
- 4.1.1 Market Size
- 4.1.2 Competitive Layout
- 4.1. 3 Users
- 4.1.4 Policy Regulations
- 4.2 Development Strategies and Investment
- 4.3 Fixed Telephone

- 4.4 Mobile Telephone
- 4.4.1 Overview
- 4.4.2 GSM
- 4.4.3 CDMA
- 4.4.4 Key Operators
- 4.5 Broadband and Internet
- 4.5.1 Internet
- 4.5.2 Broadband
- 4.5.2 Key Operators
- Part V Southeast Asia Telecom Industry
- 5 Singapore Telecom Industry
- 5.1 Market Overview
- 5.2 Telecom Business
- 5.2.1 Fixed Telephone
- 5.2.2 Mobile Communications
- 5.2.3 Broadband and Internet
- 5.3 Key Operators
- 5.3.1 Singapore Telecom
- 5.3.2 M1
- 5.3.3 StarHub Ltd
- 6 Malaysia Telecom
- 6.1 Market Overview
- 6.2 Telecom Business
- 6.2.1 Fixed Telephone



- 6.2.2 Mobile Communications
- 6.2.3 Broadband and Internet
- 6.3 Key Operators
- 6.3.1 Telekom Malaysia
- 6.3.2 Celcom
- 6.3.3 Maxis Communications
- 6.3.4 Digi Telecommunications
- 7 Thailand Telecom Industry
- 7.1 Market Overview
- 7.1.1 Status Quo
- 7.1.2 Policy Regulations
- 7.1.3 Development Strategies
- 7.2 Telecom Business
- 7.2.1 Fixed Telephone
- 7.2.2 Mobile Communications
- 7.2.3 Broadband and Internet
- 7.3 Key Operators
- 7.3.1 Telephone Organization of Thailand
- 8 Indonesia Telecom
- 8.1 Market Overview
- 8.1.1 Status Quo
- 8.1.2 Policy Regulations
- 8.1.3 Investment and Development Strategies
- 8.2 Telecom Business
- 8.2.1 Fixed Telephone

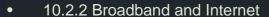
- 8.2.2 Mobile Phone
- 8.3 Key Operators
- 8.3.1 TELKOM
- 8.3.2 Telkomsel

#### 9 Philippines Telecom

- 9.1 Market Overview
- 9.1.1 Market Size
- 9.1.2 Competitive Layout
- 9.1.3 Policy Regulations
- 9.1.4 Investment
- 9.2 Telecom Business
- 9.2.1 Fixed Telephone
- 9.2.2 Mobile Phone
- 9.2.3 Broadband and Internet
- 9.3 Key Operators
- 9.3.1 PLDT
- 9.3.2 Globe Telecom

#### 10 Viet Nam Telecom

- 10.1 Market Overview
- 10.1.1 Market Size
- 10.1.2 Competitive Layout
- 10.1.3 Policy Regulations
- 10.1.4 Investment
- 10.2 Telecom Business
- 10.2.1 Fixed Telephone and Mobile Phone



- 10.3 Key Operators
- 10.3.1 VNPT

#### • 11 Laos Telecom Industry

- 11.1 Market Overview
- 11.1.1 Market Size
- 11.1.2 Competitive Layout
- 11.1.3 Policy Regulations
- 11.2 Telecom Business
- 11.2.1 Fixed Telephone
- 11.2.2 Mobile Phone
- 11.2.3 Broadband and Internet
- 11.3 Key Operators
- 11.3.1 LTC

#### 12 Cambodia Telecom Industry

- 12.1 Market Overview
- 12.1.1 Market Size
- 12.1.2 Competitive Layout
- 12.1.3 Policy Regulations
- 12.1.4 Development Strategies and Investment
- 12.2 Telecom Business
- 12.2.1 Fixed Telephone
- 12.2.2 Mobile Phone
- 12.2.3 Broadband and Internet
- 12.3 Key Operators
- 12.3.1 CamShin



- 13.1 Market Overview
- 13.2 Fixed Telephone
- 13.3 Mobile Phone

#### Part VI Mid Asia Telecom Industry

- 14 Turkmenistan Telecom
- 14.1 Market Development
- 14.2 Key Telecom Operators
- 14.2.1 Turkmentelekom
- 14.2.2 MobileTeleSystems (MTS) -Turkmenistan
- 14.2.3TM Cell

#### 15 Uzbekistan Telecom

- 15.1 Market Development
- 15.2 Key Telecom Operators
- 15.2.1 Uzbekistan Telecom Co., Ltd
- 15.2.2 MTS- Uzbekistan
- 15.2.3 Unitel
- 15.2.4 Coscom (Ucell)

#### 16 Kyrgyzstan Telecom

- 16.1 Market Development
- 16.1.1 Fixed Telephone
- 16.1.2 Mobile Phone
- 16.2 Key Telecom Operators





- 16.2.1 Kyrgyztelecom
- 16.2.2 Sky Mobile
- 16.2.3 MegaCom (BiMoCom Ltd)
- 16.2.4 Katel
- 17 Tajikistan Telecom
- 17.1 Market Development
- 17.2 Key Telecom Operators
- 17.2.1 Tajiktelecom
- 17.2.2 TeliaSonera
- 17.2.3 Babilon-Mobile
- 17.2.4 Tacom
- 18 Kazakhstan Telecom Industry
- 18.1 Market Development
- 18.2 Key Operators
- 18.2.1 Kazakhtelecom
- 18.2.2 GSM Kazakhstan Ltd
- 18.2.3 KaR-Tel
- 19 Pakistan Telecom Industry
- 19.1 Market Development
- 19.1.1 Fixed Telephone
- 19.1.2 Mobile Phone
- 19.1.3 Value-added Service
- 19.2 Key Telecom Operators
- 19.2.1 PTCL

- 19.2.2 Mobilink
- 19.2.3 Telenor
- 19.2.4 Ufone
- Part W West Asia Telecom Industry
- 20 Iran Telecom Industry
- 20.1 Key Telecom Operators
- 20.1.1 TCI
- 20.1.2 MTN IranCell
- 21 Turkey Telecom Industry
- 21.1 Market Development
- 21.1.1 Fixed Telephone
- 21.1.2 Mobile Phone
- 21.1.3 Internet
- 21.2 Key Operators
- 21.2.1 Türk Telekom
- 21.2.2 turkcell
- 22 Syria Telecom Industry
- 22.1 Market Development
- 22.2 Key Operators
- 22.2.1 Syrian Telecom
- 22.2.2 SyriaTel
- 22.2.3 MTN Syria



- 23 Iraq Telecom Industry
- 23.1 Key Telecom Operators
- 23.1.1 Zain Iraq
- 23.1.2 Asiacell
- 23.1.3 Korek Telekom
- 24 Kuwait Telecom Industry
- 24.1 Key Telecom Operators
- 24.1.1 Zain Kuwait
- 24.1.2 Wataniya
- 25 Saudi Arabia Telecom Industry
- 25.1 Market Development
- 25.2 Key Telecom Operators
- 25.2.1 STC
- 25.2.2 Mobily
- 26 Yemen Telecom Industry
- 26.1 Key Telecom Operators
- 26.1.1 MTN Yemen
- 26.1.2 SabaFon
- 26.1.3 Yemen Telecom
- 27 United Arab Emirates Telecom Industry
- 27.1 Market Development
- 27.2 Key Telecom Operators
- 27.2.1 Etisalat
- 27.2.2 DU

- 28 Qatar Telecom Industry
- 28.1Key Telecom Operators
- 28.1.1 Qtel
- 29 Bahrain Telecom Industry
- 29.1Telecom Market Development Overview
- 29.2 Key Telecom Operators
- 29.2.1 Batelco
- 29.2.2 Zain (Bahrain)

### **Selected Charts**

- The Number of Telecom Subscribers in India, 2002-2008
- Revenue of India Telecom Industry, 2008
- Subscribers of Key Indian Telecom Operators, 2008
- Market Shares of Key Indian Telecom Operators, 2008
- Telecom Subscribers of Key Asian Countries, 2007-2008
- Cell Phone User Growth in Asia, 2000-2007
- Ratio of Asian CDMA Subscribers to World's Total, 2008
- Growth of CDMA Subscribers in Asia, 2000-2008
- Growth of CDMA 3G Subscribers in Asia, 2000-2008
- GSM/WCDMA Subscribers in Asia, 2007-2008
- Growth of Internet Users in Asia, 2000-2007
- Top 10 Countries in Asia in Terms of Internet User
- Asia Internet Penetration Ratio, 2009Q1
- Broadband Coverage Rates of Key Asian Countries and Regions, 2007
- The Number of Telecom Subscribers in Japan, 2008
- Japanese Telecom Market Share Forecast, 2008-2011
- Competitive Layout Evolvement of Japan Telecom Market
- The Number of Competitive Enterprises in Japan Telecom Market, 1985-2007
- Mobile Phone and PHS User Number of Key Japanese Telecom Operators, 2008-Feb, 2009
- Structure of Japanese Individual's Communication Terminals
- Japan Network User Habits by Type
- Change in the Channels of Japanese Users Getting Information in Recent Years
- Development Strategy Layout of Japan Telecom Industry
- Japan's New Generation of Network Development Plan
- Telecom and Relevant Industry Investments in Japan, 2006-Jun.2008



- The Number of Fixed-Line Telephone Subscribers in Japan, 1997-2008
- The Number of Fixed-Line Telephone Subscribers and ISDN Users in Japan, 2003-2008
- Telephone Users by Operator in Japan, 2004-2008
- The Number of IP Telephone Users in Japan, 2006-2008
- IP Telephone Users by Operator in Japan, 2006-2008.
- Cell Phone Users and PHS Users in Japan, 1997-2008
- Cell Phone/PHS User Penetration Rates in Japan, 2003-2008
- Subscribers by Mobile Mode in Japan, 2008-Mar. 2009
- Japan Mobile Phone and PHS User Number by Operator, 2004-2008
- ARPU Statistics of Japanese Key Operators, 2000-2008 Q3
- Quantity of Japan's Broadband Subscribers, 2005-2008
- Market Shares for Subscribers of Japanese Broadband Operators, 2005-2008
- DSL Subscribers in Japan, 2005-2008
- FTTH Subscribers in Japan (by usage type), 2005-2008
- Mobile Broadband Users in Japan (by usage type), 2002-2007
- Japan Internet Influx and Individual Average Influx, 2003-2008
- 3G Users in Japan, 2003-2007
- Japan Mobile Phone Digital Content User Structure by Age, 2006-2007
- Overview of Japanese Telecom Operators
- NTT DoCoMo Development Course
- NTT DoCoMo Development Strategy
- NTT DoCoMo Market Share Change
- FOMA and Mova Subscribers of NTT DoCoMo , 2003-2008



- i-mode Subscribers of NTT DoCoMo , 1999-2008
- DCMX Credit Card User Number of NTT DoCoMo , 2007-2008
- Development of NTT DoCoMo's HSDPA Coverage Rate
- FOMA and mova ARPU of NTT DoCoMo , 2006-2008
- FOMA and mova MOU of NTT DoCoMo, 2006-2008
- FOMA and mova Churn Rates of NTT DoCoMo, 2007-2008
- Revenue and Net Profit of NTT DoCoMo , 2004-Mar, 2008
- KDDI Revenue, Mar, 2009
- KDDI Main Business Revenue, Mar, 2009
- KDDI Mobile User Number, Mar, 2009
- KDDI User MOU and ARPU, Mar, 2009
- KDDI Next Generation Network Construction Layout
- KDDI AU Client Churn Rate, 2009
- KDDI Fixed Communication Network User, 2008-2009
- KDDI Other Business
- KDDI Revenue from Content and Media Operations, Mar, 2008
- KDDI Revenue and Profit, 2004-Mar, 2008
- Business Structure of SOFTBANK
- Mobile User Number of SOFTBANK, 2008-Mar, 2009
- Mobile User ARPU of SOFTBANK, 2005-2008
- Mobile User Churn Rate of SOFTBANK, 2006-2008
- DSL Market Share of SOFTBANK, 2006-Mar, 2008
- ADSL Line Quantity of SOFTBANK, 2006-2008
- Broadband ARPU of SOFTBANK, 2005-2008



- Broadband ARPU of SOFTBANK, 2005-2008
- Fixed Line Quantity of SOFTBANK, 2005-2008
- Fixed Network ARPU of SOFTBANK, 2005-2008
- E-commerce Revenue of SOFTBANK, 2004-2008
- Revenue and Profit of SOFTBANK, 2004-Mar, 2008
- NTT Development Course
- NTT Broadband and Information-based Service Strategies
- NTT's Business Consolidation
- NTT Broadband User Number, 2007-2008
- NTT FLET'S Hikari ARPU, 2007-2008
- NTT Fixed Telephone User Number, 2007-2008
- NNT Fixed-Line ARPU, 2007-2008
- Revenue of NTT East, 2007-2008
- Revenue of NTT COM, 2007-2008
- Revenue of NTT WEST, 2007-2008
- Revenue of NTT DATA, 2007-2008
- Operating Revenue and Profit of NTT, 2004-Mar, 2008
- Business Structure of NANO
- Operating Revenue and Profit of NANO, 2004-Mar, 2008
  - EMOBILE Development Course
- EMOBILE Business Coverage
- EMOBILE User Number, 2008-Mar, 2009
- WILLCOM User Number, 2008-Mar, 2009
- South Korea Mobile Phone User Number, 2003-Feb, 2009
- South Korea Mobile Communication Market User Share, Feb. 2009
- South Korea Broadband User Number and Change Trend, 2003-Jan, 2009
- South Korea Broadband User Number by Access Mode, Jan, 2009
- South Korea Internet User, 2000-2008



- South Korea WCDMA User Number and Ratio to Mobile Communication User, 2003-2008
- Development Strategies of South Korea Three Largest Operators
- Structure of South Korea 3G Industry Chain
- SKT Development Strategies
- SKT Events
- SKT User Number and Market Share, 2005-2008
- SKT User Number and Market Share by Quarter, 2008
- SKT ARPU, 2002-2008
- SKT MOU, 2003-2008
- Financial Data of SKT, 2003-2008
- LGT ARPU Change, 2003-2008
- LGT MOU, 2003-2008
- Financial Data of KTF, 2004-2008
- LGT Revenue Structure, 2003-2008
- Com2us Development Course
- Com2us Revenue by Product, 2007- 2008 Q3
- Com2us Top5 Game Revenue Structure, 2008Q3
- Com2us Finance, 2004-2008
- Financial Data of DANAL, 2004-2008
- DANAL Main Product Revenue by Quarter, 2008
- DANAL Payment Revenue Classification by Quarter, 2008
- Cooperation Operation and Content List
- Omnitel T-DMB Business Mode
- Financial Data of Omnitel, 2004-2008
- Omnitel Main Business Sales, 2008Q3
- ......



# How to Buy

| Produc                           | t details |      | How to Order                         |  |  |
|----------------------------------|-----------|------|--------------------------------------|--|--|
|                                  | USD       | File | By email: report@researchinchina.com |  |  |
| Single user                      | 5,500     | PDF  | By fax:<br>86-10-82600829            |  |  |
| Enterprisewide Publication date: |           | PDF  | By online: www.researchinchina.com   |  |  |

For more information, call our office in Beijing, China:

Tel: 86-10-82600828

Website: www.researchinchina.com

