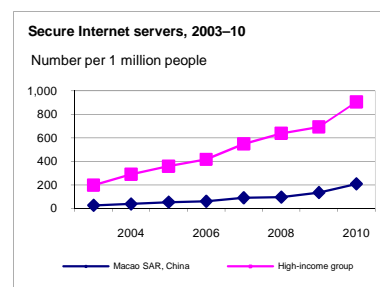
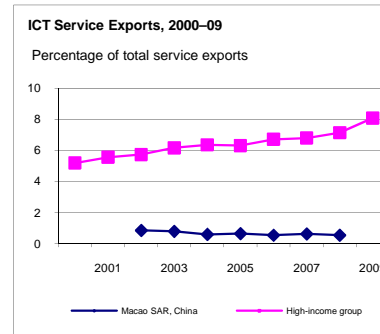
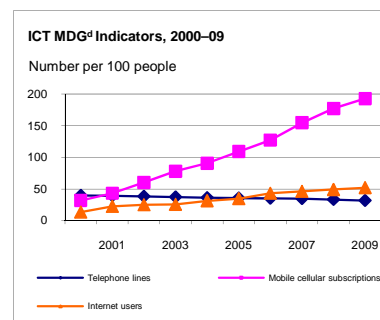
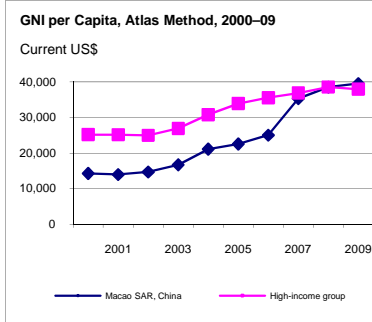


Macao SAR, China

| | Macao SAR, China | | High-income group |
|--|------------------|--------|-------------------|
| | 2000 | 2009 | 2009 |
| Economic and social context | | | |
| Population (total, million) | 0.44 | 0.54 | 1,117 |
| Urban population (% of total) | 100 | 100 | 77 |
| GNI per capita, World Bank Atlas method (current US\$) | 14,350 | 39,550 | 37,990 |
| GDP growth, 1995–2000 and 2000–09 (avg. annual %) | -1.1 | 14.7 | 2.0 |
| Adult literacy rate (% ages 15 and older) | 91 | 93 | 98 |
| Gross primary, secondary, tertiary school enrollment (%) | — | — | 91 |
| Sector structure | | | |
| Separate telecommunications regulator | — | No | |
| Status of main fixed-line telephone operator | — | — | |
| Level of competition ^a | | | |
| International long distance service | — | — | |
| Mobile telephone service | — | — | |
| Internet service | — | — | |
| Sector efficiency and capacity | | | |
| Telecommunications revenue (% of GDP) | 3.2 | 2.2 | 3.0 |
| Mobile cellular and fixed-line subscribers per employee | 317 | 821 | 765 |
| Telecommunications investment (% of revenue) | 14.1 | 15.8 | 15.5 |
| Sector performance | | | |
| Access | | | |
| Telephone lines (per 100 people) | 40.1 | 31.7 | 45.1 |
| Mobile cellular subscriptions (per 100 people) | 32.0 | 192.8 | 111.2 |
| Fixed Internet subscribers (per 100 people) | 6.3 | 23.8 | 24.3 |
| Personal computers (per 100 people) | 15.9 | 38.4 | 65.4 |
| Households with a television set (%) | — | — | 98 |
| Usage | | | |
| International voice traffic, total (minutes/person/month) ^b | — | 59.9 | — |
| Mobile telephone usage (minutes/user/month) | — | — | 330 |
| Internet users (per 100 people) | 13.6 | 52.2 | 72.3 |
| Quality | | | |
| Population covered by mobile cellular network (%) | 100 | 100 | 99 |
| Fixed broadband subscribers (% of total Internet subscribers) | 13.5 | 98.4 | 89.2 |
| International Internet bandwidth (bits/second/person) | 240 | 14,229 | 19,521 |
| Affordability | | | |
| Residential fixed line tariff (US\$/month) | — | 9.0 | 22.8 |
| Mobile cellular prepaid tariff (US\$/month) | — | 2.8 | 14.8 |
| Fixed broadband Internet access tariff (US\$/month) | — | 8.9 | 28.8 |
| Trade | | | |
| ICT goods exports (% of total goods exports) | 4.3 | 6.3 | 12.2 |
| ICT goods imports (% of total goods imports) | 7.2 | 11.3 | 13.3 |
| ICT service exports (% of total service exports) | 0.9 | 0.6 | 8.1 |
| Applications | | | |
| E-government Web measure index ^c | — | — | 0.58 |
| Secure Internet servers (per 1 million people, December 2010) | 17.8 | 208.2 | 905.1 |



Sources: Economic and social context: UIS and World Bank; Sector structure: ITU; Sector efficiency and capacity: ITU and World Bank; Sector performance: IMF, ITU, Netcraft, TeleGeography, UN Comtrade, UNDESA, UNPAN, Wireless Intelligence and World Bank. Produced by the Transport, Water, and Information Communication Technologies Department and the Development Economics Data Group. For complete information, see Definitions and Data Sources.

Notes: Use of italics in the column entries indicates years other than those specified. — Not available. GDP = gross domestic product; GNI = gross national income; ICT = information and communication technology; and MDG = Millennium Development Goal. a. C = competition; M = monopoly; and P = partial competition. b. Outgoing and incoming. c. Scale of 0–1, where 1 = highest presence. d. Millennium Development Goal indicators 8.14, 8.15, and 8.16.