



Statistiska centralbyrån Statistics Sweden

Producer Price Index for Telecommunications in Sweden





Size of the industry

- 369 enterprises (December 2003) registered by PTS having one or more services in telecommunications
- The end consumer market represent 50.4 billions SEK





Telecommunication (64.20.1)

- Public local telephone services
- Public long distance telephone services
- Mobile telephone services
- Shared business network services
- Data network services
- Internet access provision services





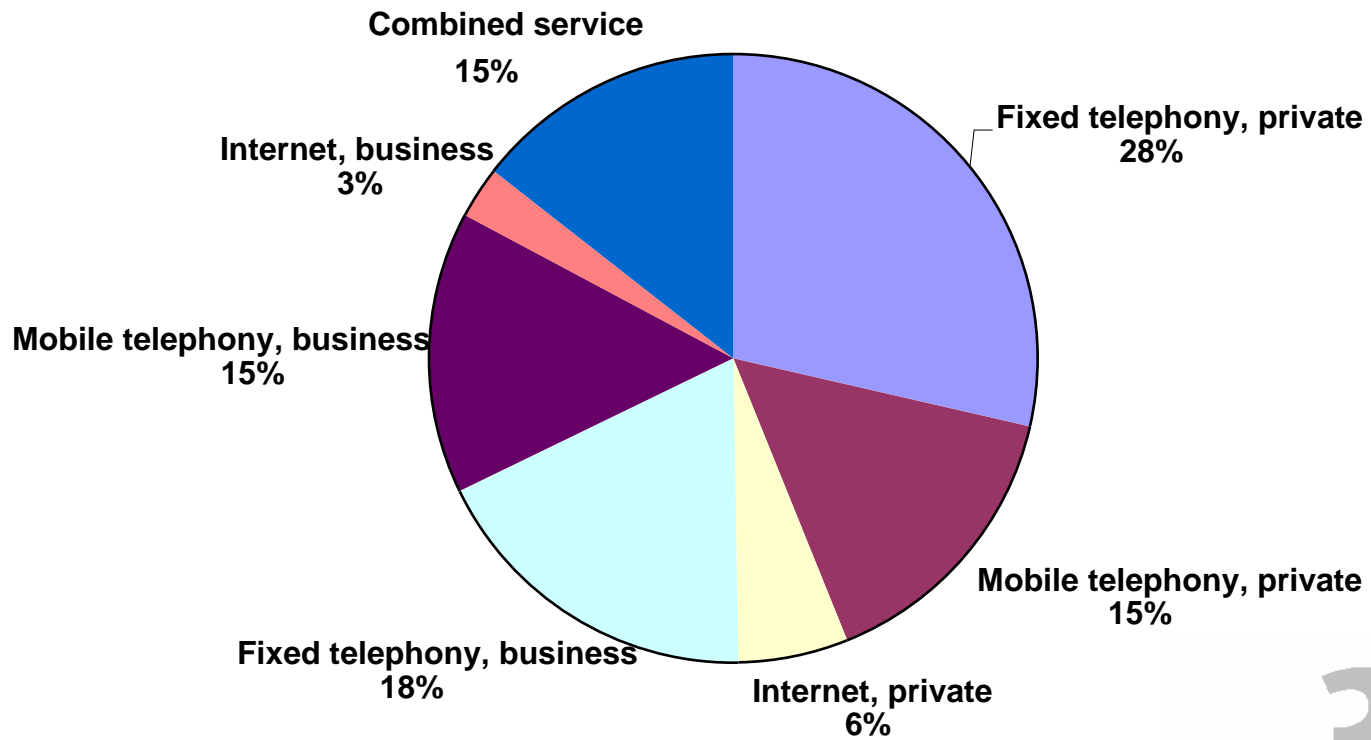
The frame for the sample

- Frame from The National Post & Telecom Agency
 - Annually survey
 - 117 enterprises
- Sample is Cut - off





Telecommunications





Telecommunications

- Fixed telephony
 - 7 private + 5 business
- Mobile telephony
 - 3 private + 3 business
- Internet
 - 7 private + 2 business
- Combined service
 - 3 business





Fixed telephony

- Fixed rates
 - 1 private + 1 business
- Calls
 - 7 private + 5 business
- Other
 - 1 private + 2 business





Fixed telephony - collection

- Fixed rates
 - List prices
- Calls
 - List prices + questionnaire (3)
- Other
 - List prices





Mobile telephony

- Subscription
 - 3 private + 3 business
- Pre-paid
 - 3 private





Mobile telephony-collection

- Subscription
 - List prices + questionnaire (1)
- Pre-paid
 - List prices





Internet

- Dial-up
 - 4 private + 2 business
- ADSL
 - 3 private + 1 business
- Cable – TV
 - 2 private
- Other
 - 1 private + 2 business





Internet - collection

- Dial up
 - List prices
- ADSL
 - List prices
- Cable – TV
 - List prices
- Other
 - List prices





Combined services

- Fixed telephony
 - 1 business
- Mobile telephony
 - 3 business





Combined services - collection

- Fixed telephony
 - List prices
- Mobile telephony
 - List prices





Index calculation

- Index for the respective sub-group is calculated, a Laspeyres type is used
- index for telecommunications is calculated by weighting together the indices which are calculated for each enterprise in the first step





Maintaining constant Q

- New services and enterprises chosen every year
 - Continuity is tried to maintain
 - Selection of services and enterprises by size of their turnover
- Services change quickly, surveys must change too for sufficiently good coverage





Challenges for the future

- The redistribution of weights is not carried out during the year but at the end of the year
- Obtaining invoiced prices would give better information on price development

