



Republic of Serbia
RATEL
Regulatory Agency for
Electronic Communications
and Postal Services

AN OVERVIEW OF THE TELECOM MARKET IN THE REPUBLIC OF SERBIA

2016 - Q1 and Q2

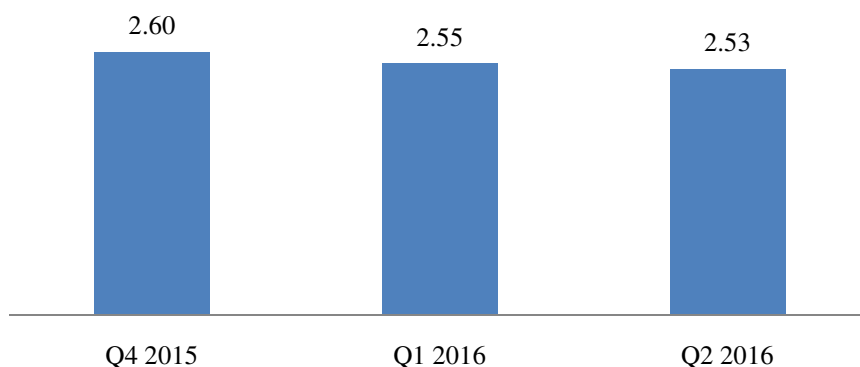
The Regulatory Agency for Electronic Communications and Postal services analyzed the 2016 Q1 and Q2 data, and compared them to the 2015 Q4 data, collected from the operators. The results are presented in further text.

The presented data reflect the overall market status for the given quarters. They comprise the actual quarterly figures of the leading operators which represent 90% of the market; while an estimate based on the year 2015 data was used for the remaining 10% of the operators which were not asked to submit data. Subsequently, the total quarterly report may show discrepancies with respect to the data collected for the yearly report. The Agency shall not be held responsible for the correctness of the quarterly data submitted by the operators.

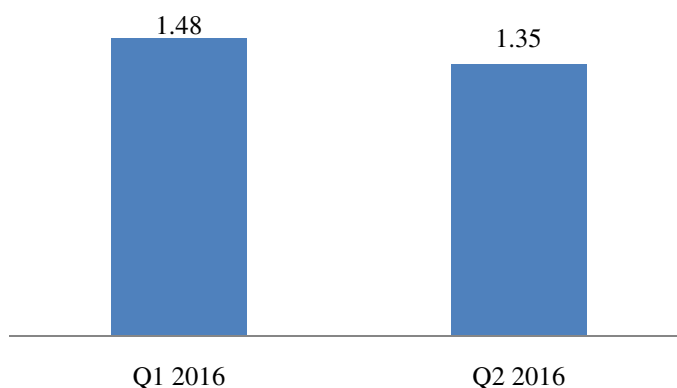
Public Fixed Telecommunications Networks and Services

Up to 30 June 2016, the public telephone service over fixed-line network was provided by 24 registered operators. Approximately 2.5 million fixed telephony subscribers generated approximately 1.4 billion minutes of traffic. The market data include the CDMA subscribers and traffic.

Number of fixed line subscribers (million)

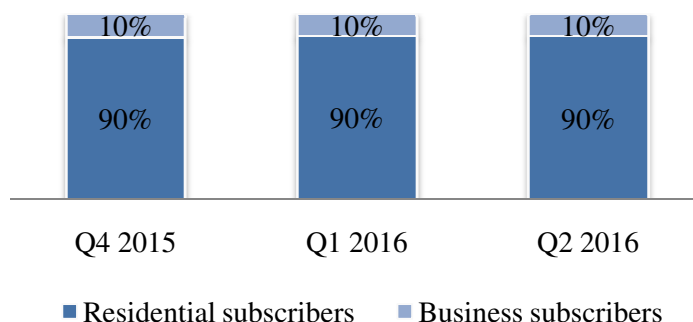


Total fixed telephony traffic (billion minutes)



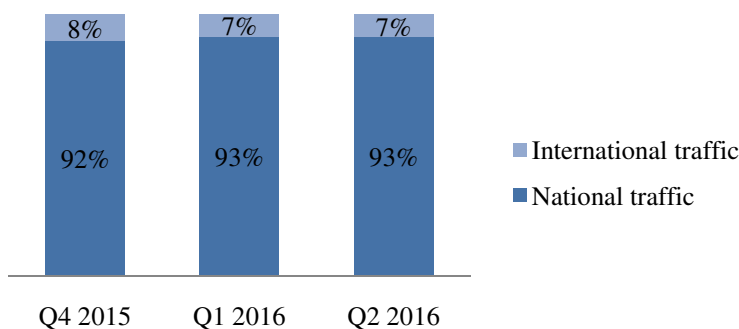
Residential users, i.e. natural entities, cover 90% of the fixed telephony subscribers, a constant for the analyzed quarters.

Fixed telephony subscriber structure



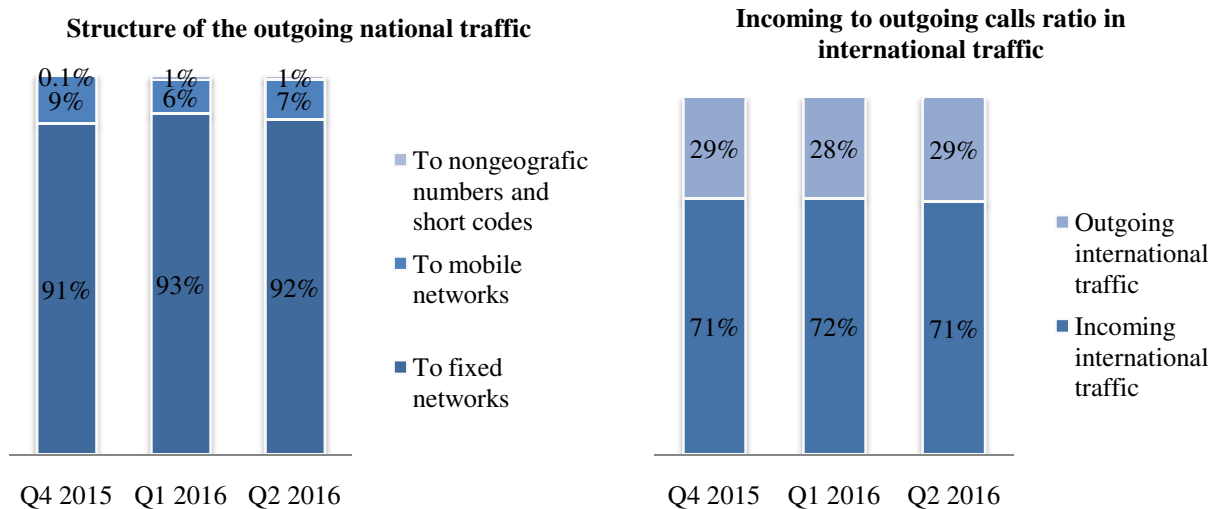
The national traffic is dominant within fixed line networks, amounting to over 92% of the total traffic, in all three analyzed quarters.

Fixed telephony traffic structure



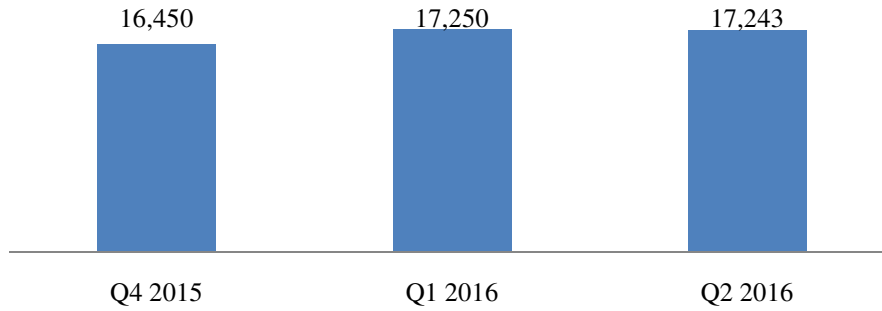
The outgoing telephone calls are primarily directed towards other fixed networks, while incoming calls dominate the international traffic.

Structure of the national and international traffic in fixed telephony



The number of fixed telephony number portings was between 16 and 17 thousand per quarter, or over 5 thousand per month.

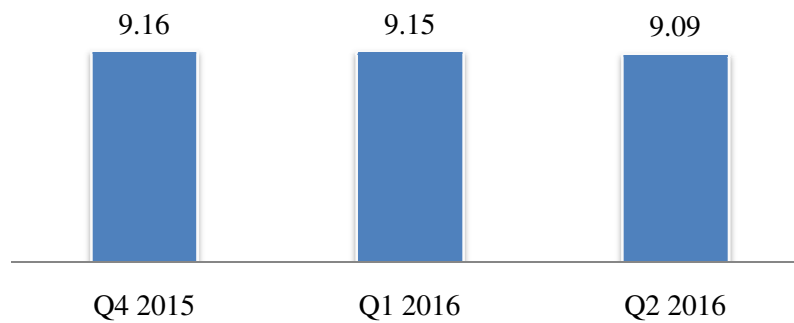
Fixed telephony number portings per quarter



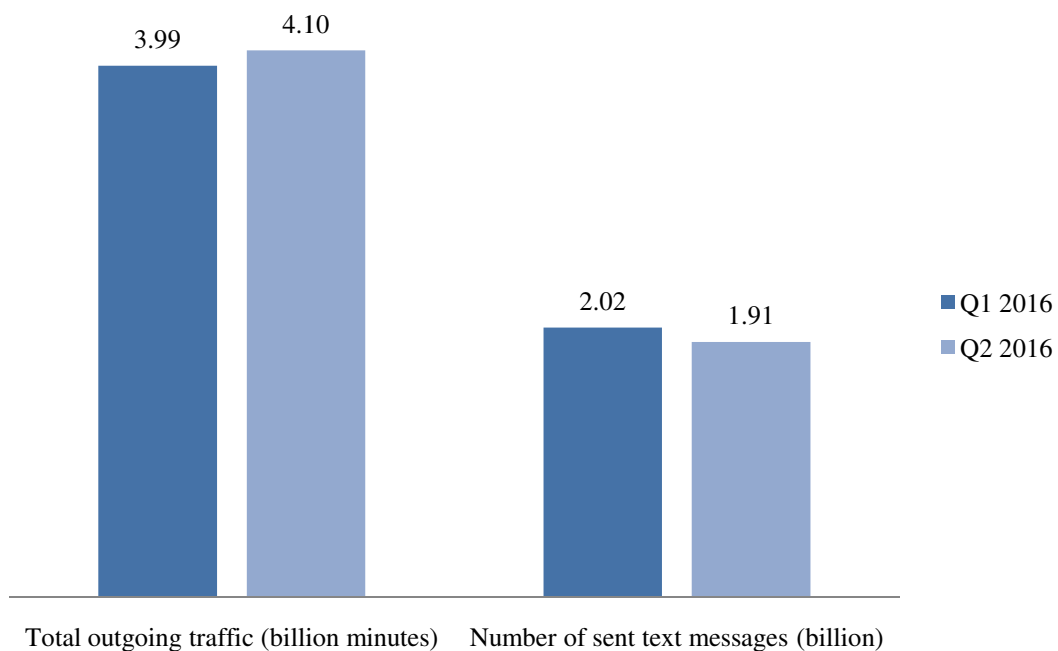
Public Mobile Telecommunications Networks and Services

The quarterly mobile telephony market indicators include the data submitted by all three operators, i.e. 100% of the market. 9 million active mobile telephony subscribers generated approximately 4 billion minutes of national and international voice traffic and sent approximately 2 billion messages as the quarterly average.

Total number of active mobile telephony subscribers (million)

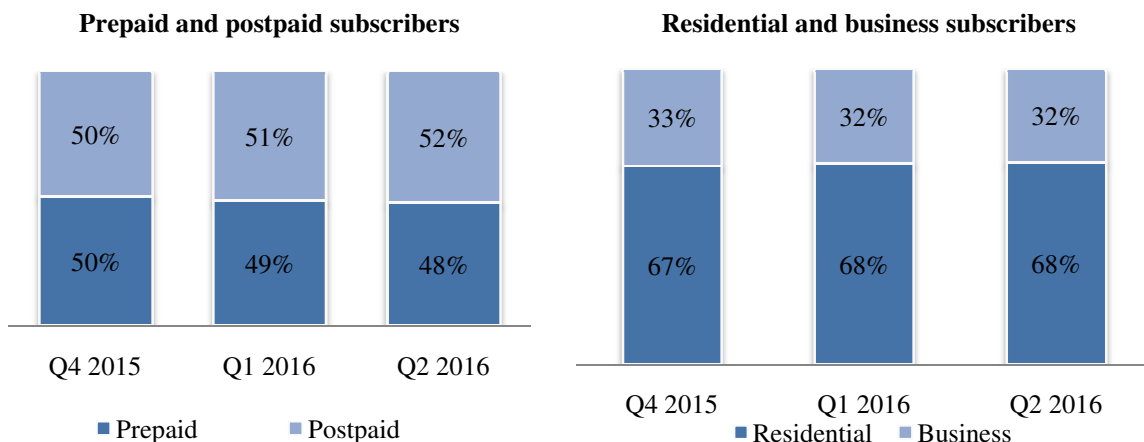


Generated voice and SMS mobile telephony traffic



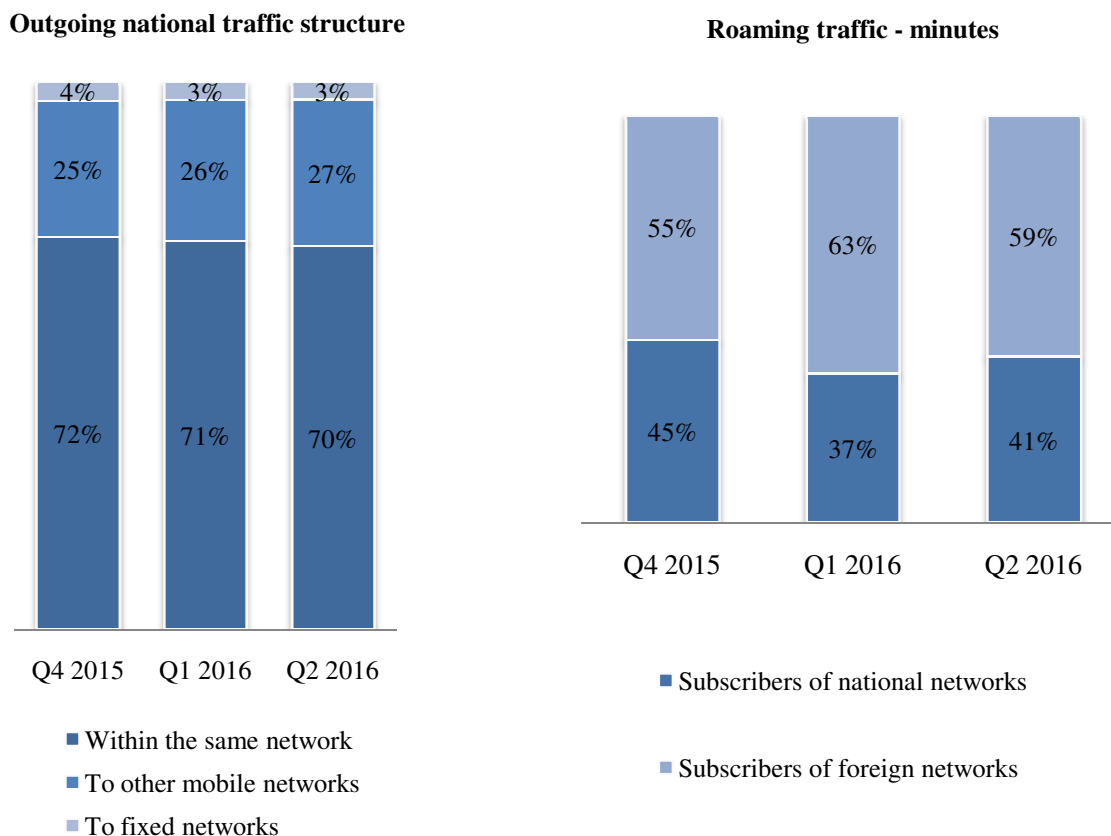
As of the 2016 Q1, the number of postpaid subscribers exceeded the number of prepaid subscribers, displaying gradual growth in the given period. The postpaid subscribers are still primarily residential users, but their share is slowly decreasing in favour of business users.

Mobile telephony subscriber structure



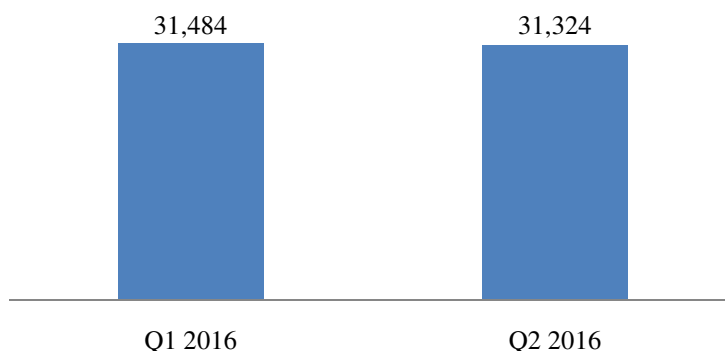
The majority of the outgoing traffic is generated within the same network. More roaming traffic is generated by subscribers of foreign networks than by subscribers of national networks.

Mobile networks outgoing traffic structure



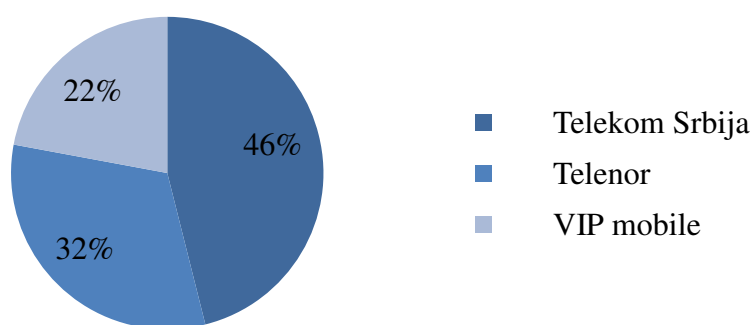
The number of mobile telephony number portings was approximately 31 thousand per quarter, or over 10 thousand per month.

Mobile telephony number portings per quarter



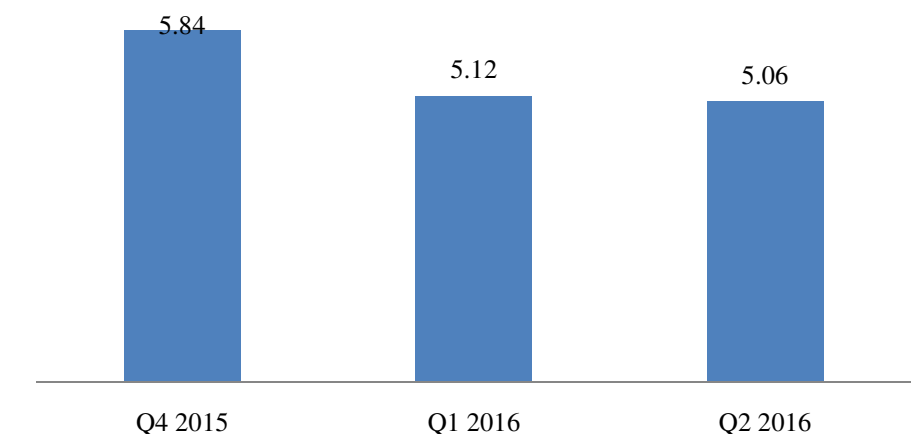
Market shares in terms of the number of users did not change over the analyzed quarters.

Market share in terms of the number of users - 2016 Q2



According to the ITU definition¹, mobile-broadband subscribers refer to the *standard (active) subscribers to mobile networks that provide download speeds of at least 256 kbit/s who have accessed the Internet over IP in the last 3 months (excluding standard SMS and MMS messages)*, as well as *data-only mobile-broadband subscriptions that do not include voice services (modem/dongle or additional bundle)*.

Number of active mobile-broadband subscribers (million)

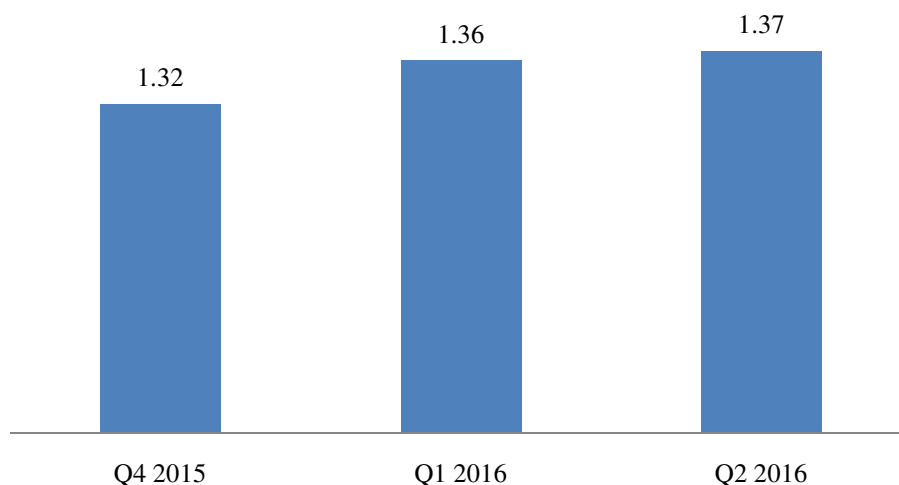


¹ ITU definicija za kod i271mb_active i i271md

Internet Services

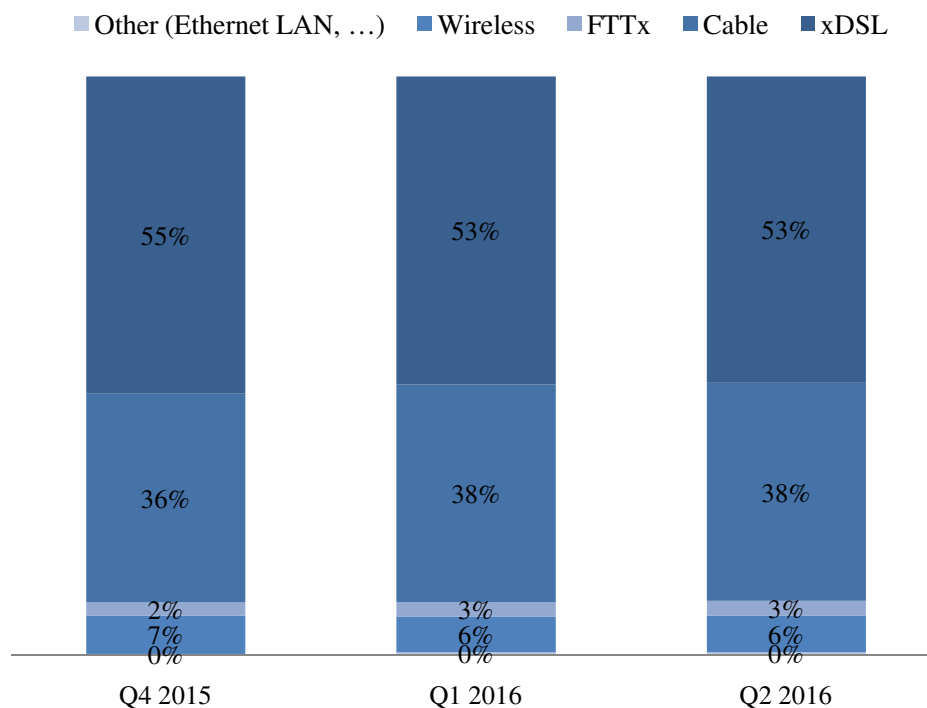
Up to 30 June 2016, the Internet services were provided by 208 registered operators. The number of fixed broadband Internet access subscribers was approximately 1.3 million.

The number of fixed broadband Internet access subscribers (million)



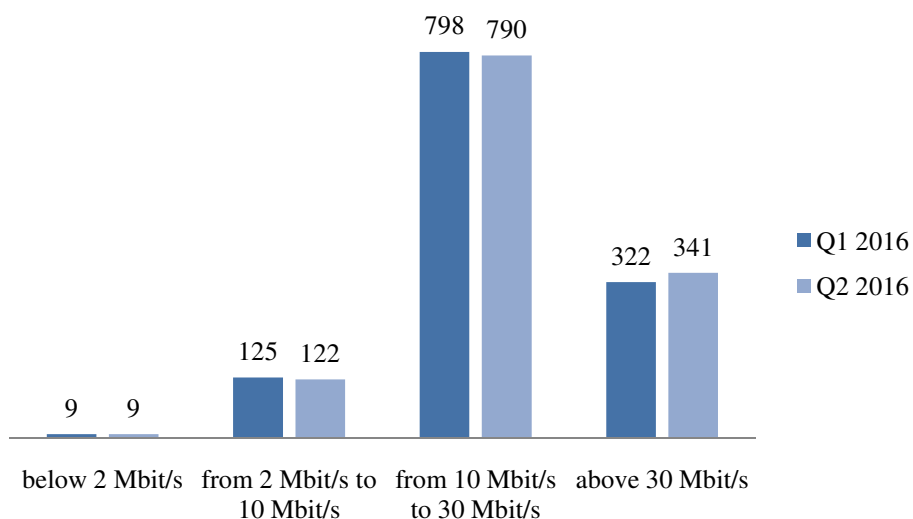
The majority of fixed broadband Internet access subscribers use xDSL or cable access, in both quarters.

Number of subscribers according to type of access



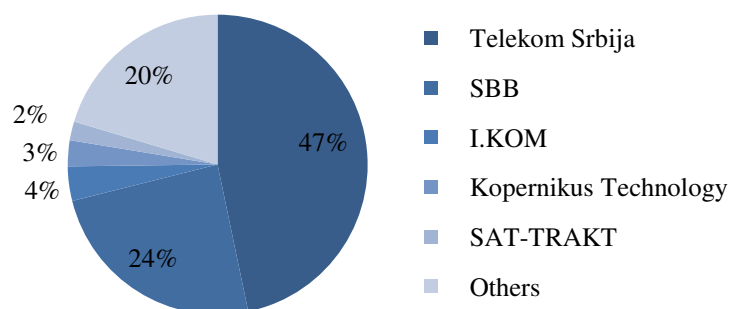
The majority of subscribers use access rates between 10 Mbit/s and 30 Mbit/s.

Number of fixed broadband Internet subscribers according to access rate (thousand)



The market shares in terms of subscriber numbers did not change over the three-month period.

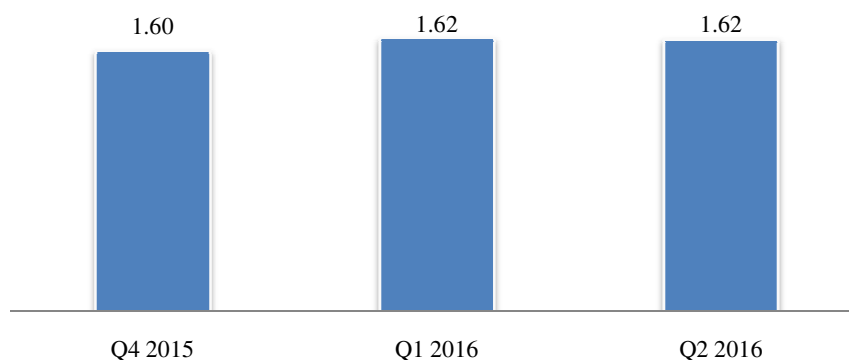
Market share in terms of number of fixed broadband Internet subscribers - 2016 Q2



Media Content Distribution

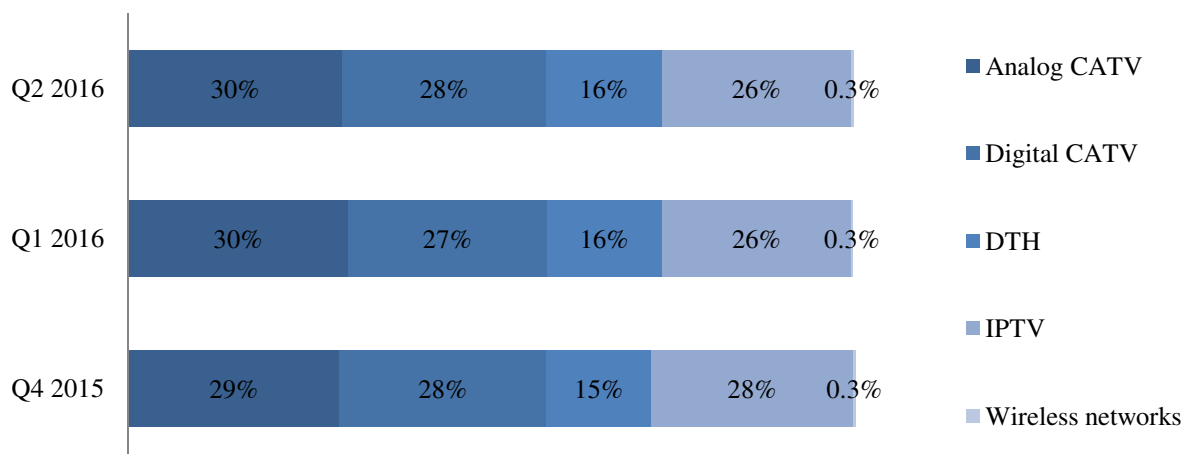
Up to 30 June 2016, media content distribution services were provided by 88 registered operators. The number of media content distribution service subscribers was approximately 1.6 million.

The number of media content distribution service subscribers (million)



The majority of subscribers use CATV distribution.

Media content distribution subscribers by the type of distribution



The market shares in terms of subscriber numbers did not change over the three-month period, and leading operators took approximately 90% of the media content distribution market.

Market share in terms of number of subscribers - 2016 Q2

