

ANNUAL REPORT 2011

ANCOM
National Authority for Management and
Regulation in Communications of Romania

Article 9 of the Rules of Organisation and Procedure of the National Authority for Management and Regulation in Communications, approved by Decision no.109/2010, amended and completed by Decision no.1311/2011, provides the following:

"Art.9. – (1) ANCOM shall publish on its own website, no later than the 30th of April each year, a detailed report regarding its activity during the previous year."

The National Authority for Management and Regulation in Communications (ANCOM) is the institution which protects the interests of the communications users from Romania, by promoting competition on the communications market, managing the scarce resources, encouraging effective investment in infrastructure and innovation. By our activity, we mean to ensure that all the Romanian inhabitants enjoy quality communications services, at fair prices, and that the operators develop through innovation.

The ANCOM people treasure and seek to prove their professionalism in everything they do, the Authority's employees have respect for their profession, knowledge and partners. We are all responsible in our actions, understanding that what we do will have effects for periods measured in years on a number of users expressed in tens of millions.

In its regulatory activity, ANCOM observes the following principles: necessity, opportunity, proportionality, obligatory character, technological neutrality, transparency, predictability, stability and efficient use of resources.

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1 ANCOM President's message - objectives and priorities of 2011, prospects for 2012

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1 ANCOM President's message

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1.1. ANCOM President's message

2011 was the first from a series of three years marking important events for the communications field: in 2011 we celebrated twenty years of modern radio spectrum management in Romania, in 2012 we will celebrate ten years of regulation of communications and promotion of competition as the main mechanism for ensuring quality services at affordable tariffs for users, and finally in 2013 we will celebrate ten years from the full liberalisation of the Romanian communications market.

The first of these series of three anniversary years, 2011 was not a historical year. I like however to believe that not every year must be an epochal one and that historical moments need to be prepared carefully and in peace, in the workshop. I also believe that any structure meant to last is built in time. 2011 was a year of research, planning and consolidation of foundations, a year of hard work here, in ANCOM, a year in which important evolutions for the Romanian communications history were prepared.

In 2011, practically the entire legal framework in the field was changed, transposing the Directives adopted by the European Commission in 2009. Important laws for the field were wiped out, i.e. the Framework-Law, the Universal Service Law, the Access and Interconnection Law, and were replaced by a new communications law, a modern text which covers the new European provisions and the new technological evolutions and incorporates the practical experience accumulated by our specialists in almost a decade of enforcing the previously applicable laws.

In 2011 we prepared the spectrum auction to be held this year. It was not a simple work and we have not finished it yet, but a truly historical moment for the communications in Romania begins to take shape: we have done studies, analyses and strategies and have debated numerous possible solutions, all of these in the context of legislative changes and rapid evolution of technology. We decided how to proceed right at the end

of the year: we will unify the terms by which the most important spectrum licences expire, we added to this package the spectrum which the Government was using for national defence issues, and we will hold the biggest and the first spectrum auction from Romania. Based on the work we have done in 2011 (and in 2010, as well), the future of the Romanian communications from now on through 2029 is structured.

We began or continued in 2011 the directly user-centred actions: the decision on the Internet service quality and the tariff comparison tool. The effects will be felt only this year or even in 2013, but I trust that they will be felt and that all the users from Romania will benefit from better services, because they will have more, clearer and more accessible information and will be able to make well-informed choices in a dynamic and competitive market.

The "we put the foundations to" category also covers the successful international results we achieved. It is notable indeed that we obtained the vice-chairmanship of BEREC and that we enhanced the Authority's specialists work and involvement in all the international bodies where ANCOM represents the interests of Romania. All these things yet oblige us in the future, when we will effectively work in these structures and we will need to deliver expertise and results.

The most important of all now, it seems to me, is to stress that all the work done in 2011 was necessary and that this work gives me confidence: the task peeks scheduled for 2012 have a strong foundation. I therefore thank the entire ANCOM team for the tenacity, energy and time invested here and I wish my colleagues to celebrate 2011 in 10 or 20 years from now as any other year, a regular year in the history of a successful organization!

Catalin Marinescu
President

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1 ANCOM President's message

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1.2. Objectives and priorities of 2011

2011 was for ANCOM the year of spectrum, the year which marked 20 years of spectrum modern management, respectively 20 years from the setting up in Romania of the first institutions in charge of spectrum management, and also the year when the Authority began important actions concerning the use of spectrum in Romania: the elaboration of the strategy for the development of BWA services in the 2500-2690 MHz and 790-862 MHz frequency bands, the consultation on the extension of the validity of the radio frequency usage rights in the GSM 900 and GSM 1800 bands and the elaboration of the strategy for the development of BWA services in the 3400 – 3800 MHz bands.

These actions represented all the same significant steps made towards achieving the main objectives of ANCOM: encourage competition and extend the access to broadband Internet, as well as promote the end-users' interests.

Furthermore, in order to protect the users, the Authority defined a series of quality parameters for the Internet access services so as to enable the end-users to assess the providers both before purchasing services from

them and in the course of the contracts.

To encourage investments in the electronic communications field, ANCOM cut by 15% the spectrum usage tariffs for 2011 and 2012 and decided for the second year in a row to not charge the monitoring tariff owed by operators. The measure was adopted as a result of the difficult economic environment which affected the electronic communications sector as well, the revenue falls being reflected in one way or another in the operators' capacity to invest.

As well, we changed in 2011 the universal service implementation modalities by Decision no.7/2011 which provides for the replacement of the measure to ensure the access to the public telephone network, at a fixed location, by means of telecentres with the measure to ensure the access and connection, at a fixed location, to the public telephone networks and the access, at a fixed location, to publicly available telephone services, at household level.

1.3. Prospects for 2012

2012 will mark another historical moment in the spectrum management field as ANCOM is to hold the procedure for the awarding of the 800, 900, 1800 and 2600 MHz bands, to elaborate the strategy on the use of the frequency bands above 40 GHz allocated to the fixed service and to update again the National Table for Frequency Band Allocation (NTFA). ANCOM also plans to amend the specific secondary legislation in the radio spectrum field, by revising the procedure for the request and issuance of the licences for the use of radio frequencies.

One of the most important projects ANCOM will begin in 2012 in order to promote competition in the electronic communication field will be the modelling of efficient costs for a number of regulated services, including fixed and mobile call termination, based on a calculation model.

Once with the transposition of the new European legal framework for electronic communications, ANCOM will act in order to set the conditions and the procedure for the reporting of security incidents by the

providers of electronic communications networks and services, as well as the minimum security measures these providers must implement. Moreover, the institution intends to elaborate a guide meant for the electronic communications providers to support them in the implementation of the provisions under the new legal framework for telecom.

After the adoption of the Law on the infrastructure of the electronic communications networks, ANCOM will take over its new attributions provided under this normative act. Under the current version, the draft law establishes on ANCOM a series of duties such as: make the inventory of the networks and associated facilities, create and publish on the website a database including the conditions of access on the public property, elaborate a standard-contract for the access on the private property, control and monitor the obligations incumbent on the public institutions according to the new legal provisions, find and sanction the contraventions. Furthermore, in order to inform the providers, the local authorities, the associations and any other parties interested in the implementation

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of this law, ANCOM will hold a series of national and local seminars.

In order to enable the end-users to make informed choices and obtain a maximum of benefits in a competitive communications market, ANCOM plans to implement two essential projects: an online application for comparing the communications offers intended for the end-users, financed from European funds, and an online application for measuring the technical quality parameters of the Internet access services.

In addition, ANCOM is determined to define a series of quality parameters for the retransmission of audiovisual media programme services, applicable in the relationship with the end-users, and to monitor the providers' compliance with the obligation to properly notify their users on the communications services they provide.

In 2012 we will celebrate 10 years from the setting up of ANRC, which is now incorporated in the ANCOM departments in charge with the economic regulation of the communications and postal market. ANCOM will dedicate part of this year to evaluating its activity in these 10 years, as reflected in the market competition and in the benefits for users.

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The market of electronic communications and postal services

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2 The market of electronic communications and postal services

The analysis of the statistical indicators characterising the electronic communications market in the first half of 2011 revealed growths in the fixed and mobile broadband Internet access connections and increases in the voice and text messages traffic. As for the active users, the number of subscribers to fixed telephone services increased, whereas the number of subscribers to audiovisual programme retransmission services and mobile telephony decreased.

The postal market fell by 10.4% in 2010 in terms of total postal traffic, a decrease which is by three times smaller than the one registered in 2009. If in 2009 the cross-border postal traffic grew by more than 60%, in 2010 it took a descendent path, decreasing by 6%.

2.1 Fixed telephony

The fixed telephony segment registered slight decreases in terms of traffic and average call length concomitantly with increases in the number of access lines, number of subscribers and penetration rate in the first half of 2011.

Thus, the number of access lines grew by 3.4%, to 4.66 million, while the number of subscribers increased by 3.6%, after three consecutive semesters of decreases, and exceeded again the 4 million threshold.

Table 2.1 Dynamics of the no. of access lines/subscribers to fixed telephone services: 30.06.2009 – 30.06.2011. Fixed telephony penetration rates at the population/household level

Indicator	30.06.2009		31.12.2009		30.06.2010		31.12.2010		30.06.2011	
	lines	subscribers	lines	subscribers	lines	subscribers	lines	subscribers	lines	subscribers
Total no. of access lines/subscribers (million), of which:	4.70	4.05	4.73	4.06	4.68	4.04	4.50	3.89	4.66	4.02
belonging to the alternative providers (million)	1.66	1.44	1.82	1.58	1.92	1.66	1.80	1.56	2.02	1.74
Fixed telephony penetration rate per 100 inhabitants (%) ¹	24.0		24.3		24.2		23.5		24.5	
Fixed telephony penetration rate per 100 households (%) ²	53.8		54.3		54.3		52.1		54.0	

¹Fixed telephony penetration rate per 100 inhabitants = no. of telephone lines/population of Romania*100; the population was estimated by ANCOM based upon the results of the INS censuses conducted in 2002 and 2011 as follows: 19,599,951 as of 30 June 2009, 19,459,188 as of 31 December 2009, 19,319,436 as of 30 June 2010, 19,180,688 as of 31 December 2010, 19,042,936 as of 30 June 2011;

²Fixed telephony penetration rate per 100 households = no. of telephone lines connected for residential users/no. of households in Romania *100; the no. of households was estimated by ANCOM based upon the no. of households published by INS following the censuses conducted in 2002 and 2011: 7,137,950 as of 30 June 2009, 7,125,107 as of 31 December 2009, 7,112,288 as of 30 June 2010, 7,099,491 as of 31 December 2010, 7,086,717 as of 30 June 2011;

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Mobile telephony

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Internet access, leased line and data transmission services

2.4

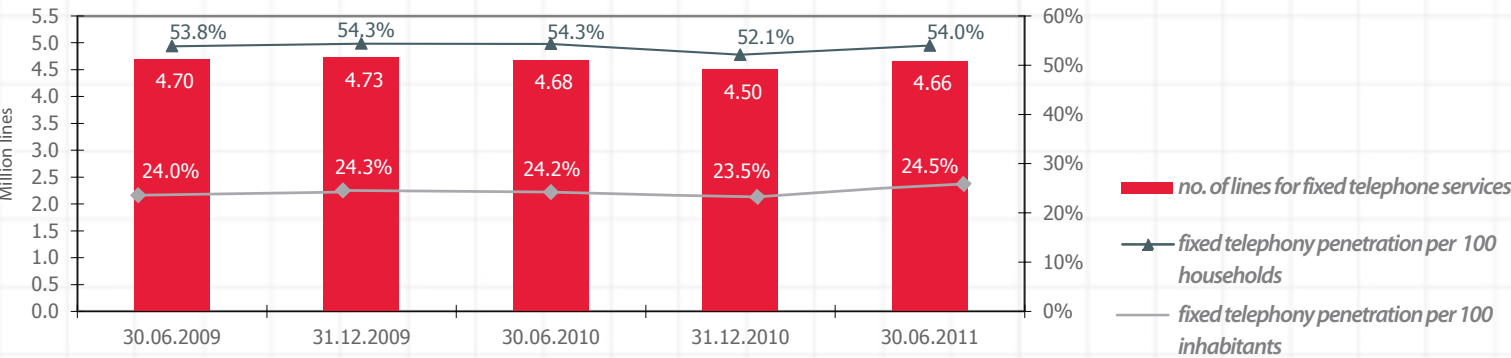
Audiovisual programme retransmission services

2.5

Postal services

The fixed telephony penetration rate per 100 inhabitants reached 24.5%, whereas the fixed telephony penetration rate per 100 households grew to 54.0%.

Exhibit 2.1 Dynamics of the number of access lines/subscribers to fixed telephone services: 30.06.2009 – 30.06.2011. Fixed telephony penetration rates at the population/household level



Out of the 4.66 million fixed access lines, 3.82 million are installed to the residential subscribers (up by 3.4% as compared to the second half of 2010), and 0.84 million are installed to business subscribers (up by 3.6% as compared to the second half of 2010).

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Table 2.2 Dynamics of the number of fixed telephony access lines, by customer category: 30.06.2009 – 30.06.2011

Indicator	30.06.2009		31.12.2009		30.06.2010		31.12.2010		30.06.2011	
	million		million	evol. (%)	million	evol. (%)	million	evol. (%)	million	evol. (%)
Total no. of access lines	4.70		4.73	+0.7	4.68	-1.0	4.50	-3.8	4.66	+3.4
residential users	3.84		3.87	+0.8	3.86	-0.3	3.70	-4.3	3.82	+3.4
business users	0.86		0.86	+0.03	0.82	-4.3	0.81	-1.9	0.84	+3.6

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The end-users' traffic volume on the fixed public telephone networks decreased by 6.8%, to 3.2 billion minutes. Thus, the voice traffic on the providers' own fixed networks fell by 6.8% (down to approx. 1.9 billion minutes), the traffic to other fixed networks declined by 7.7% (to 575 million minutes), whereas the voice traffic to other mobile networks dropped by

1.1% (to 562 million minutes). The voice traffic to international networks grew by 6.3%, to 192 million minutes.

Table 2.3 Evolution of the total traffic volume achieved on the Romanian fixed public networks, by call destination: first semester 2009 – first semester 2011

Indicator	1 st semester 2009	2 nd semester 2009		1 st semester 2010		2 nd semester 2010		1 st semester 2011	
	million minutes	million minutes	evol. (%)	million minutes	evol. (%)	million minutes	evol. (%)	million minutes	evol. (%)
Voice traffic on own fixed networks	2,529	2,342	-7.4	2,318	-1.0	2,034	-12.3	1,895	-6.8
Voice traffic to other fixed networks	654	663	+1.3	682	+2.9	623	-8.6	575	-7.7
Voice traffic to mobile networks	540	524	-2.8	540	+2.9	568	+5.3	562	-1.1
International voice traffic	155	147	-5.3	155	+6.1	181	+16.2	192	+6.3
Internet access traffic	26	15	-42.2	9	-40.5	5	44.5	3	-49.6
Other traffic types	7	4	-42.8	6	+53.2	11	+82.1	4	-65.1
Total traffic volume	3,942	3,731	-5.3	3,747	+0.4	3,463	-7.4	3,230	-6.7

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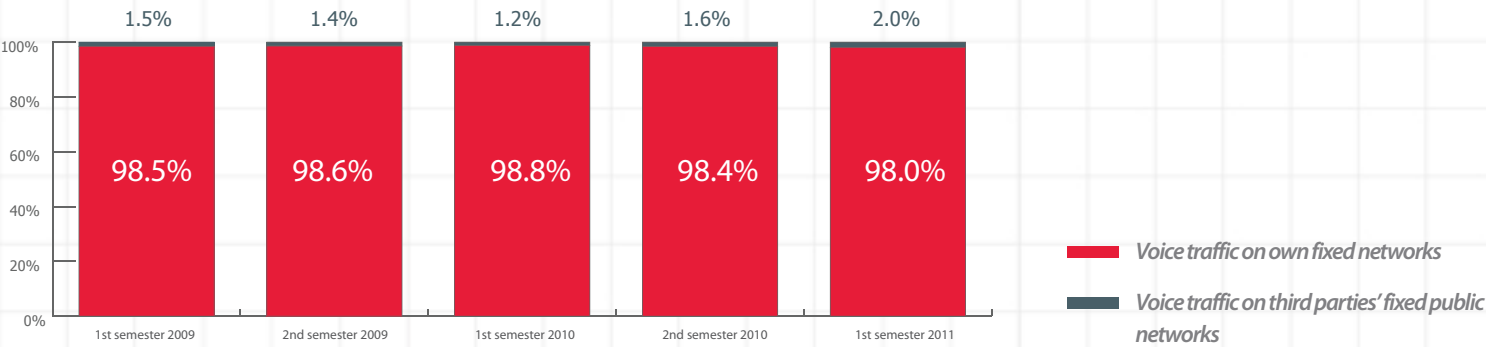
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As regards the evolution of the total voice traffic volume by type of service provision, 3.1 billion minutes represented the traffic originated on the providers' own networks (down by 7% as compared to the second half of 2010), while 64 million minutes stood for the traffic originated on third parties' fixed public networks (e.g. through carrier selection/pre-

selection procedure) – up by 14.7% as compared to the second semester of 2010.

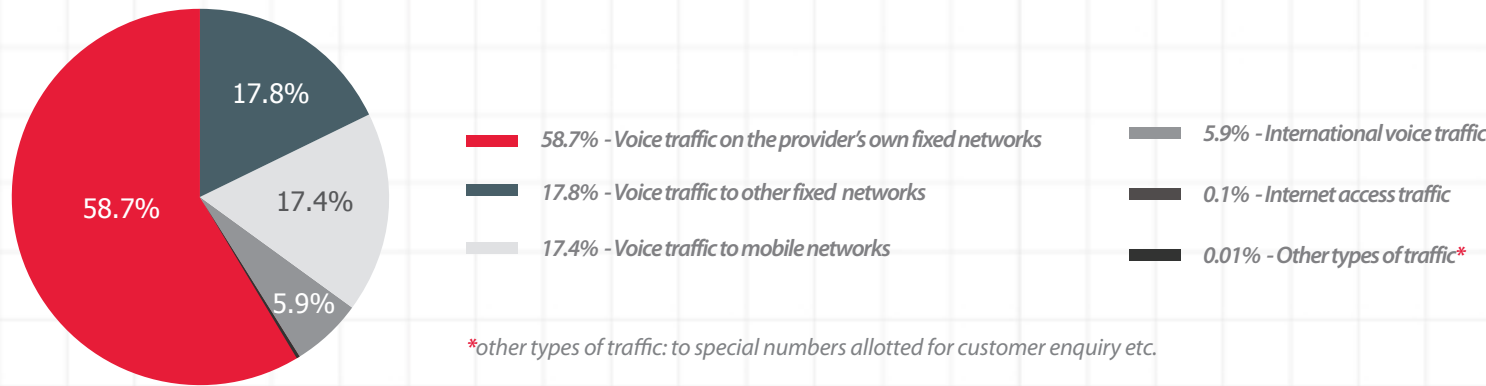
Exhibit 2.2 Structure of the total voice traffic volume, by manner of service provision



On average, a Romanian user talked for 3 minutes and 2 seconds in the first semester of 2011, and the average length of a fixed call decreased by 0.7% as compared to the second half of 2010. The average length of a call originated on the providers' own fixed telephone networks grew by

2.8%, up to 3 minutes and 15 seconds, while the average duration of a call originated on third parties' fixed public networks fell by 26.9% to 40 seconds.

Exhibit 2.3 Structure of the total traffic volume achieved on the fixed public networks in Romania, by call destination, in the first semester of 2011



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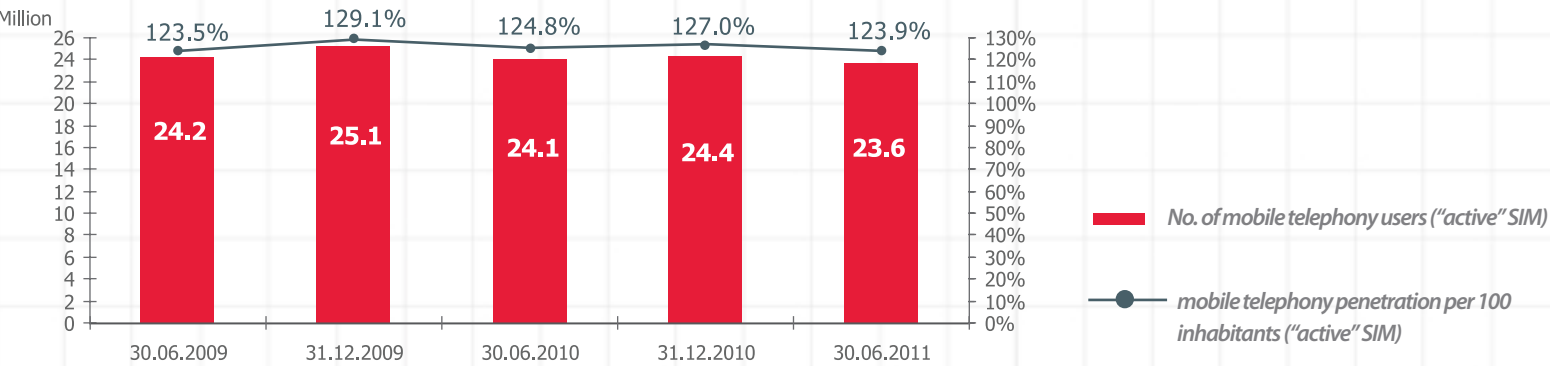
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2.2 Mobile telephony

According to the data reported by the six mobile telephony operators, the number of active users declined, whereas the traffic, the average call length and the amount of SMS, MMS and 3G video calls augmented in the first semester of 2011. The latter actually registered the most significant growth rate, i.e. 81.5%, amounting to 1 million minutes.

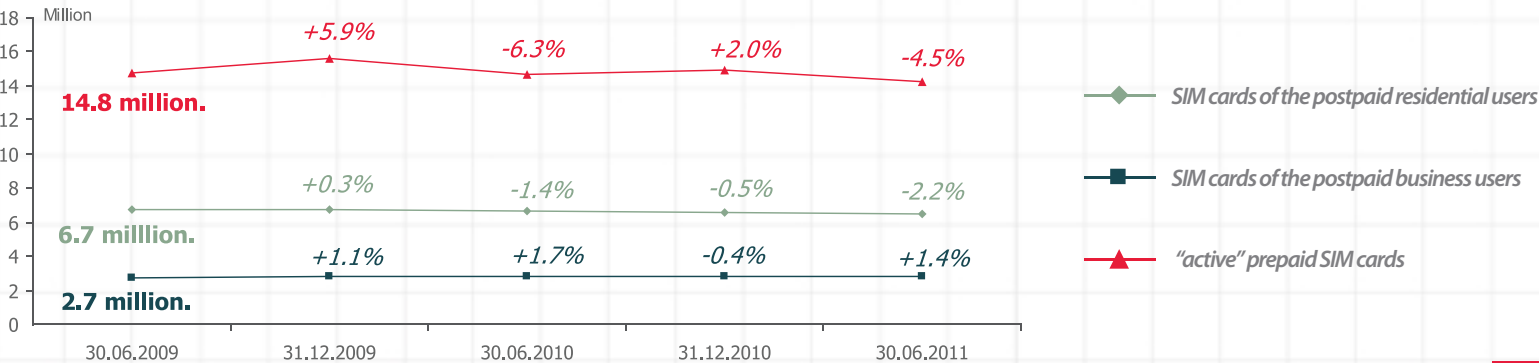
The total number of active mobile telephony users fell by 3.2% as compared to end-2010, down to 23.6 million. The mobile telephony penetration rate as of mid-2011 was 123.9 per 100 inhabitants.

Exhibit 2.4 Dynamics of the total number of mobile telephony "users" and of mobile telephony ("active" SIM cards) penetration rate: 30.06.2009 – 30.06.2011



The total number of business postpaid users grew in the first half of 2011, while the number of prepaid users and postpaid residential users fell by 4.5%, respectively by 2.2%.

Exhibit 2.5 Dynamics of the total number of mobile telephony "users" ("active" SIM cards), by payment method and by user category : 30.06.2009 – 30.06.2011



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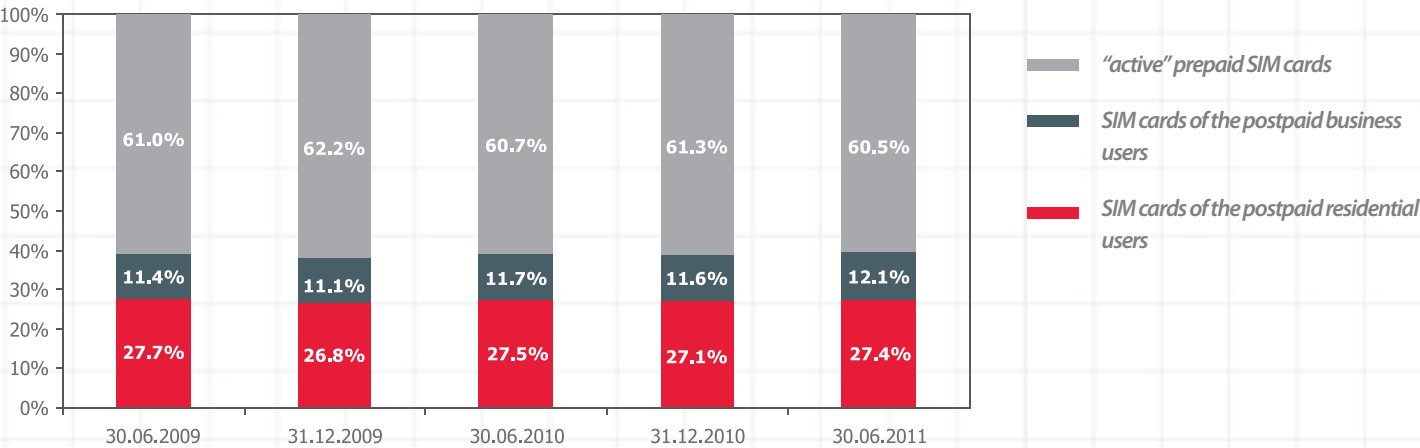
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Nevertheless, the structure of the use of mobile telephone services is further steady. Out of the total number of users registered at mid-2011, the

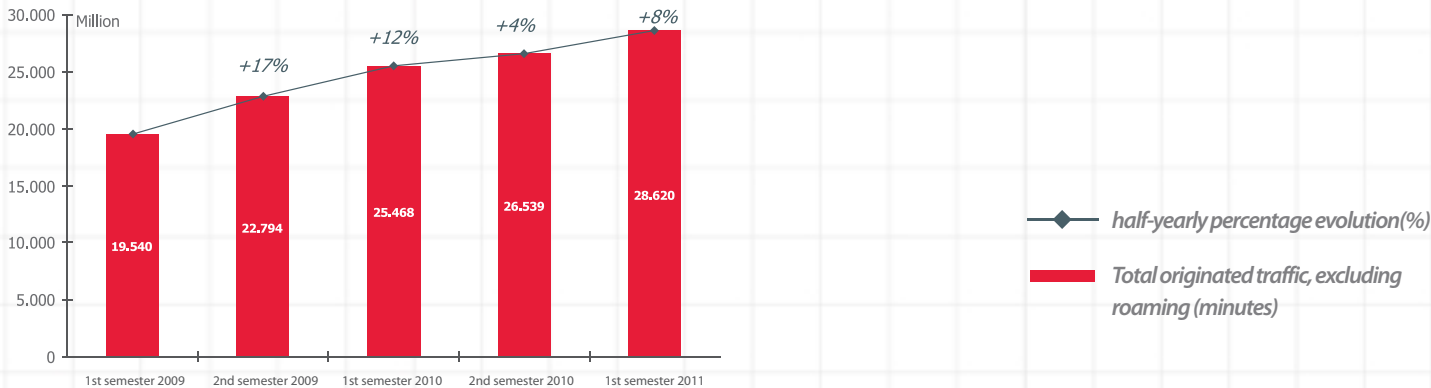
majority (61%) was using prepaid cards, 27% were residential postpaid users and the rest was business postpaid users.

Exhibit 2.6 Structure of the number of mobile telephony "users" ("active" SIM cards), by payment method and by user category: 30.06.2009 – 30.06.2011



Notwithstanding the decrease of the total number of users, the voice traffic continued to increase up to 28.6 billion minutes, by 7.8% more than in the last semester of 2010.

Exhibit 2.7 Dynamics of the total voice traffic volume (excluding roaming) originated by the end-users on mobile public networks: first semester 2009 – first semester 2011



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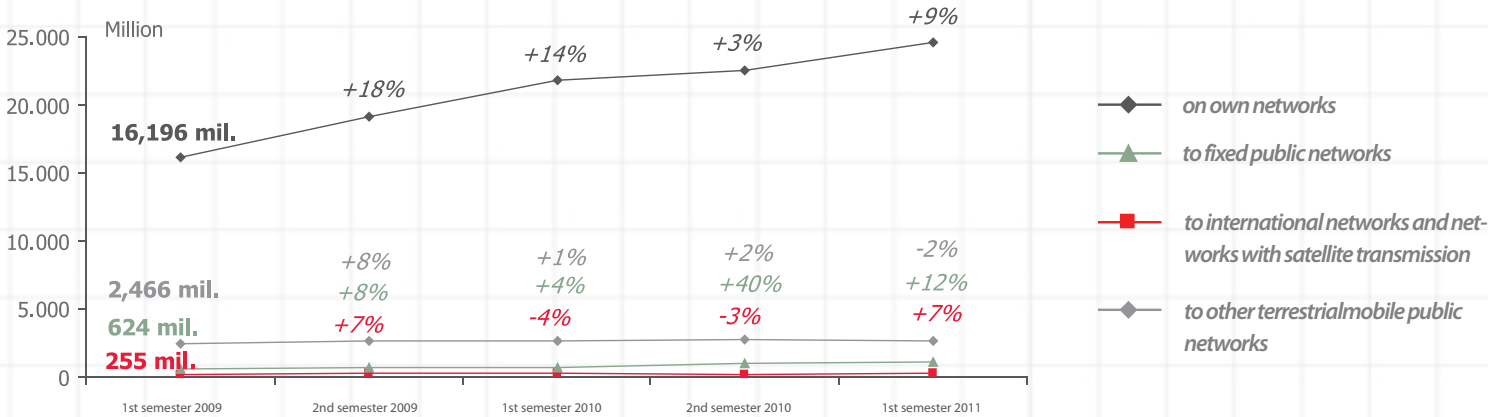
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Out of the total voice traffic achieved by mid-2011, the traffic within the operators' own networks accounted for 85.7% (24.5 billion minutes), increasing by 8.8% from the second semester of 2010. The traffic to fixed telephone networks and the traffic to international networks both registered growths – by 12 % (1.1 billion minutes), respectively 6.9% (272

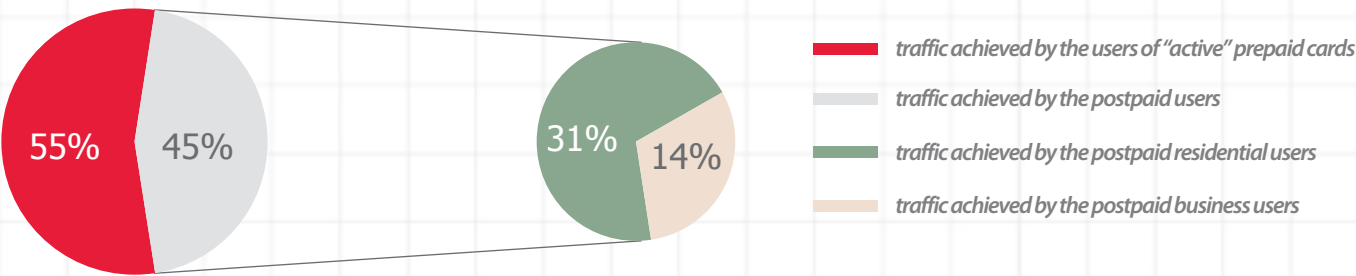
million minutes), while the traffic to other mobile telephone networks dropped by 1.7% (2.7 billion minutes).

Exhibit 2.8 Dynamics of the voice traffic volume (excluding roaming) originated by the end-users on mobile public networks, by call destination: first semester 2009 – first semester 2011



The prepaid users generated 55% of the total mobile traffic. The remaining 45% is held by postpaid users, 31% being achieved by residential users and 14% by business users.

Exhibit 2.9 Structure of the voice traffic volume (excluding roaming) originated by the end-users on mobile public networks, by user category, in the first semester of 2011



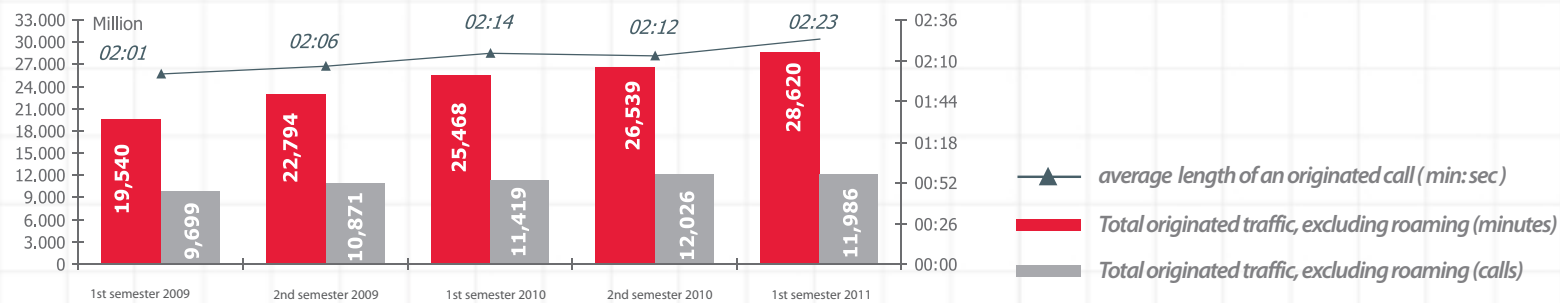
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The average length of a call originated on mobile public networks increased significantly, irrespective of the network where the call was terminated. Thus, the average call length grew to 2 minutes and 23 seconds

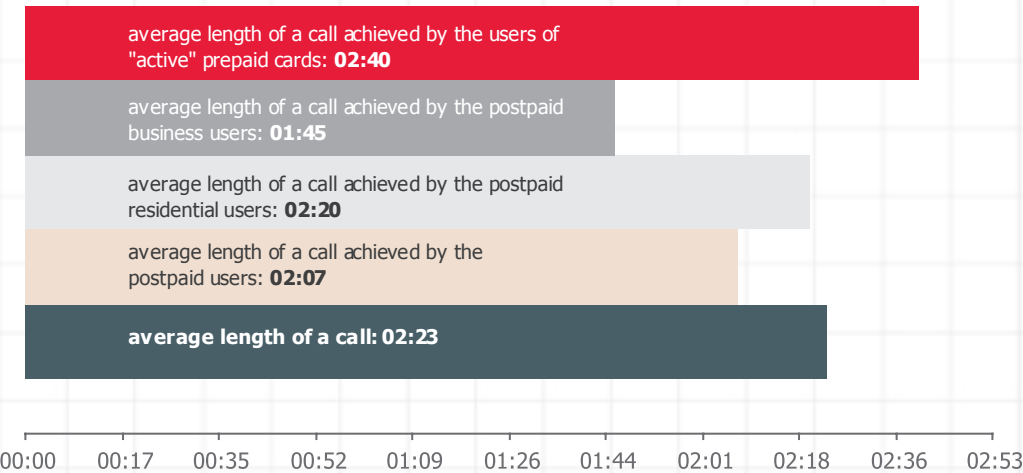
from 2 minutes and 12 seconds in the second half of 2010.

Exhibit 2.10 Evolution of the voice traffic volume originated on mobile public networks (excluding roaming) and of the average length (min:sec) of a call originated on the providers' own networks: first semester 2009 – first semester 2011



The average length of a call initiated by prepaid users was higher (02:40) than that of a call initiated by postpaid users (02:07).

Exhibit 2.11 Average length of a call originated on the mobile public networks (excluding roaming), by category of users, in the first semester of 2011



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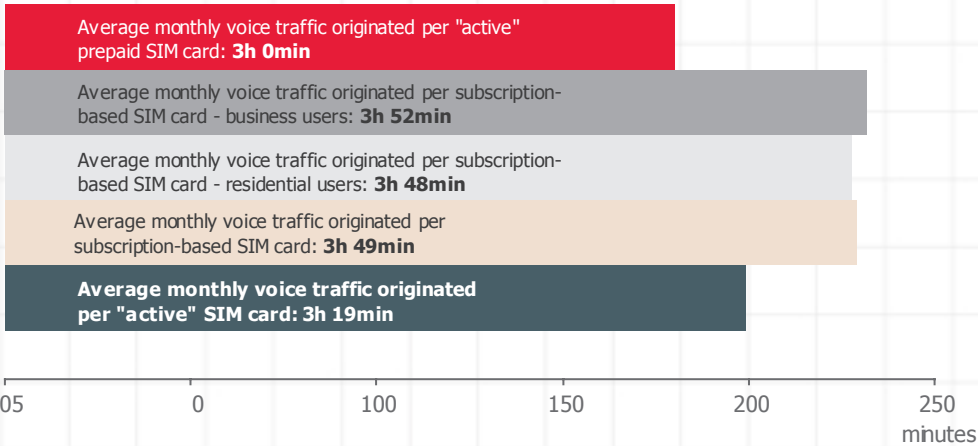
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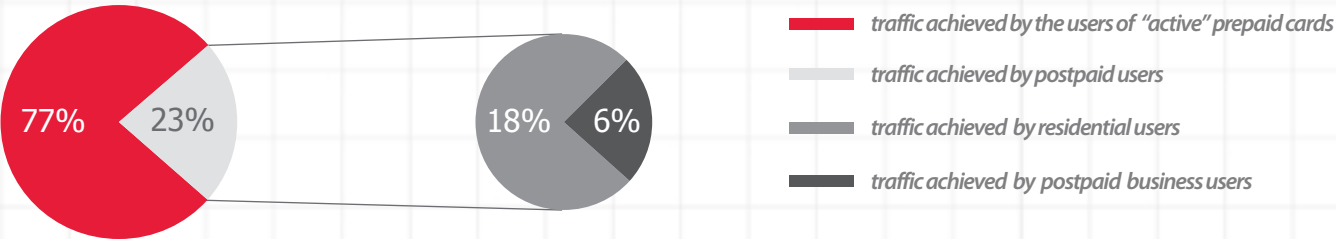
On average, in the first semester of 2011, a mobile user talked for 3 hours and 19 minutes a month, up by 9%, and sent 36 SMS-type messages a month, up by 33.4%.

Exhibit 2.11 Average monthly voice traffic achieved by an “active” user of mobile telephone services (excluding roaming), by user category, in the first semester of 2011



In the first half of the year, 5.2 billion SMS-type messages were sent – up by 31.9% as compared to the second half of 2010. Out of the total of SMS-type messages, 77% were sent by prepaid users, whereas only 23% were sent by postpaid users.

Exhibit 2.13 Structure of the SMS traffic volume (excluding roaming) originated by end-users on the mobile public networks, by user category, in the first semester of 2011

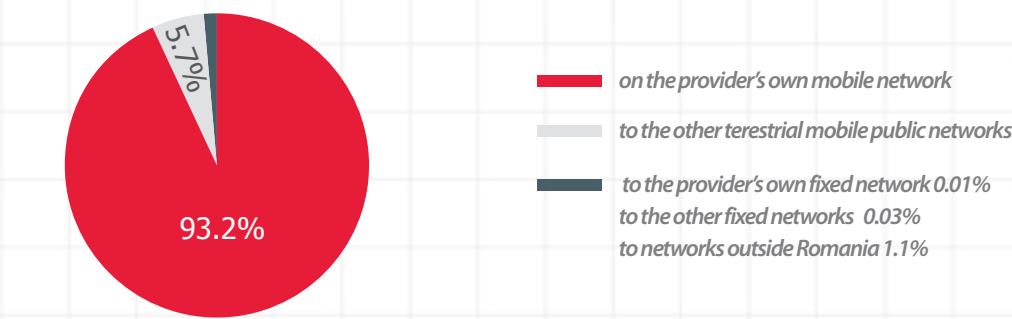


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The SMS-type messages sent on the providers' own networks hold a majority share of 93.2%, followed by the text messages sent to other mobile public networks and to networks outside Romania.

Exhibit 2.14 Structure of the traffic volumes of text messages (SMS) (excluding roaming), by destination, in the first semester of 2011



2.3 Internet access, leased line and data transmission services

According to the data collected and processed by ANCOM, in the first six months of 2011 the market of broadband Internet access services maintained the ascendant trend on several segments, as the growth rates registered by mid-2011 exceeded the increases reported in the second semester of 2010.

The number of fixed broadband Internet access connections reached 3.13 million, up by 4.4% and double as compared to the growth rate registered in the second semester of 2010.

Table 2.4 Dynamics of the number of Internet access connections, by connection modality: 30.06.2010 – 30.06.2011

Indicator	30.06.2010	31.12.2010	30.06.2011
	million	million	million
FIXED CONNECTIONS			
Fixed broadband Internet access connections	2.93	3.00	3.13
ACTIVE MOBILE CONNECTIONS			
HSCSD, GPRS, EDGE, CDMA, EVDO, 3G active connections, of which:	4.18	4.67	5.98
- EDGE, CDMA, EV-DO, 3G active broadband connections	2.53	3.05	3.53

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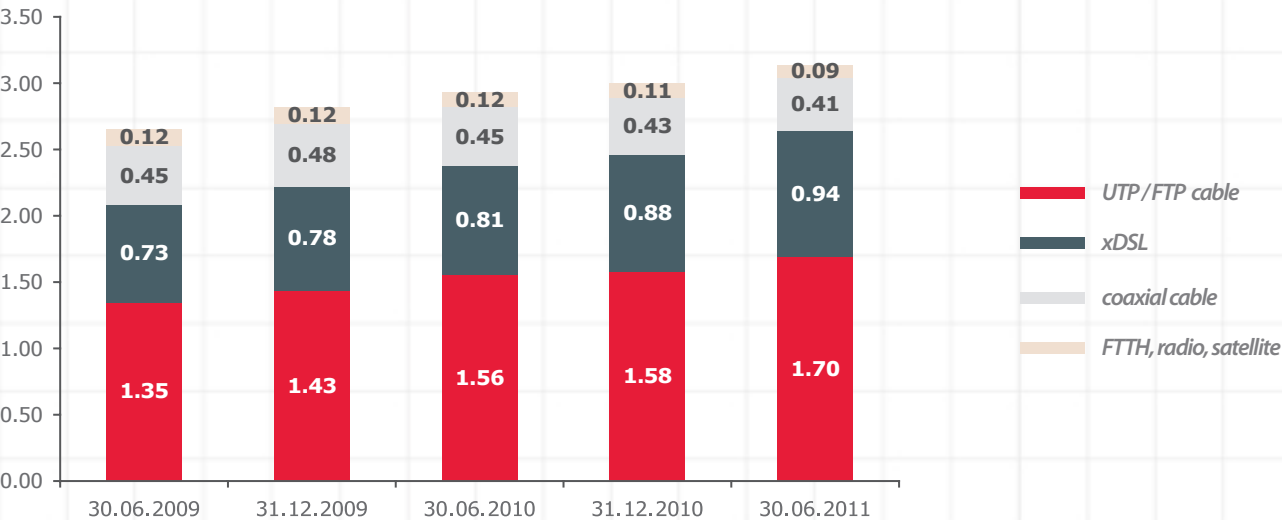
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The most significant growth was registered by the xDSL connections for the access to the end-user (+7%, to 0.94 million connections) and the UTP/FTP cable connections (+7%, to 1.70 million connections). Further-

more, the coaxial cable connections decreased by 5%, down to 0.4 million.

Exhibit 2.15 Structure of the total no. of fixed broadband Internet access connections, by support, during 30.06.2009 – 30.06.2011 and share as of 30.06.2011



The FTTx connections (2.75 million) account for 88% of the total fixed broadband Internet access connections. This type of connections employs the fibre optic up to the end-user's premises or a specific point in the proximity of the end-users' premises, wherefrom the connection is achieved over other technologies (e.g. coaxial cable, radio, UTP/FTP cable, xDSL), and thus the operators are able to offer high Internet connection speeds. The remaining 12% are held by connections achieved on coaxial cable/twisted metallic wires/UTP/FTP cable/radio supports or other means.

The penetration rate of fixed broadband Internet access connections per 100 inhabitants (total number of connections/number of inhabitants in Romania*100) reached 16.5% as of mid-2011, whereas the penetration rate per 100 households (number of connections provided to residential users/number of households in Romania*100) rose to 39.9%.

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2.1 Fixed telephony

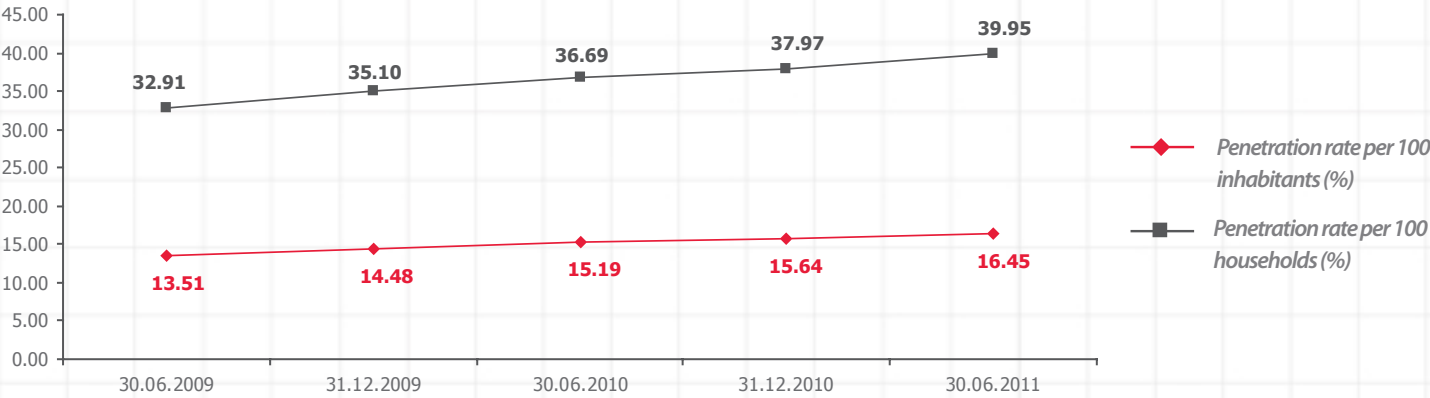
2.2 Mobile telephony

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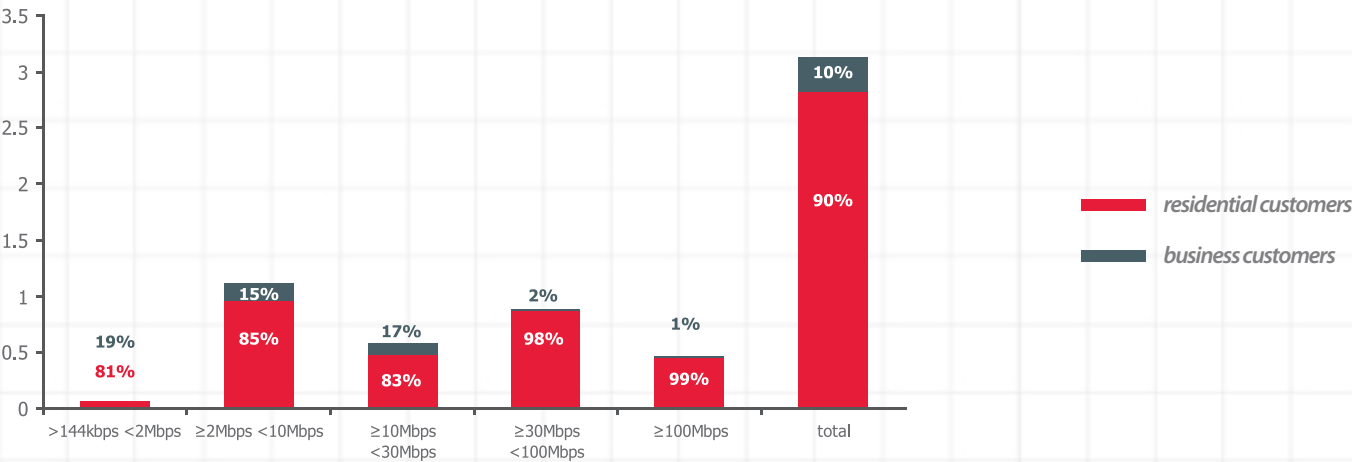
Exhibit 2.16 Evolution of the penetration rate of fixed broadband Internet access connections: 30.06.2009 – 30.06.2011



In the first half of 2011, the number of fixed connections installed to business users declined slightly (-1%), and the connections installed to residential users grew instead by 5%. Out of the 3.13 million fixed broadband Internet access connections reported by the middle of this year, 2.83 mil-

lion were used by residential subscribers and 0.3 million connections by business subscribers.

Exhibit 2.17 Structure of the total no. of fixed broadband Internet access connections, by type of customers and urban/rural area, as of 30.06.2011



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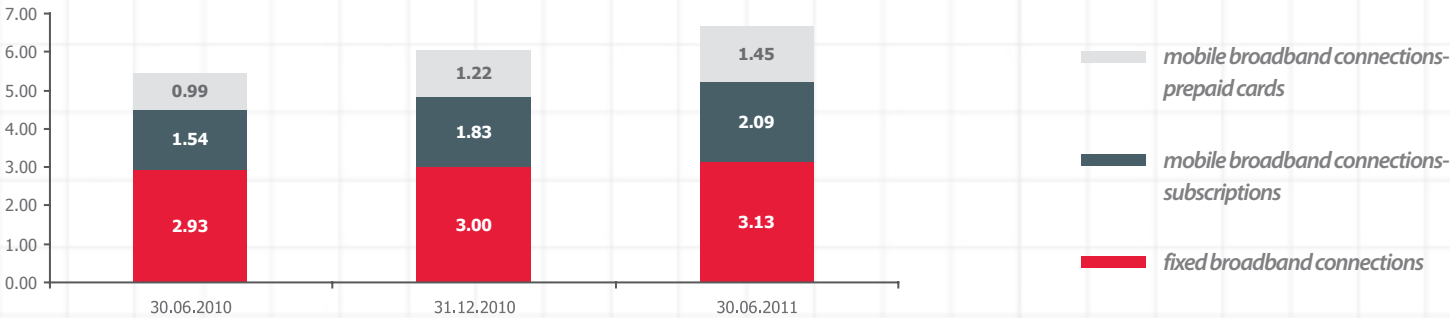
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The total number of active mobile broadband Internet access connections amounted to 3.53 million, up by 18% as compared to end-2010. Thus, the providers reported 2.56 million active mobile broadband connections achieved over mobile telephones and 0.97 million active mobile broadband connections achieved over modems/cards/

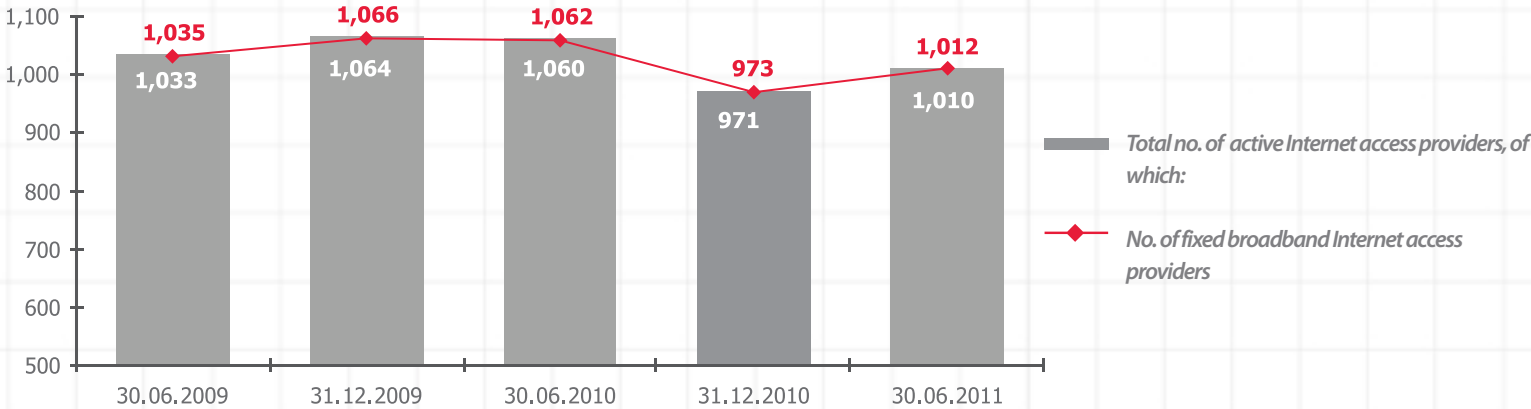
USB. The total number of terminals/SIM cards allowing mobile Internet access over 3G (including 3G+), EV-DO, 4G technologies or other technologies superior to 3G reached about 5.1 million as of 30 June 2011.

Exhibit 2.18 Evolution of the no. of Internet access connections, by connection modality: 30.06.2010 – 30.06.2011



The number of active Internet access providers as of mid-2011 exceeded again 1,000 after the decline registered in 2010.

Exhibit 2.19 Evolution of the number of active Internet access providers: 30.06.2009 – 30.06.2011



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The number of leased lines continued to decrease, both on the retail and on the wholesale market. Thus, the leased lines reached 14.2 thousand on the retail market, and 10.2 thousand on the wholesale market.

Table 2.5 Structure of the leased line market, by customer category (end-users/other providers) and, respectively, by the type of leased lines provided and market where these are supplied. Evolution: 30.06.2009 – 30.06.2011

Indicator	30.06.2009	31.12.2009	30.06.2010	31.12.2010	30.06.2011
	thousand	thousand	thousand	thousand	thousand
No. of national leased lines - retail market	17.5	16.0	15.5	14.3	14.2
No. of national leased lines - wholesale market	13.0	13.1	12.5	12.2	10.2
a) leased lines - terminating segments	9.2	8.7	8.7	8.3	7.0
b) leased lines - trunk segments	3.9	4.4	3.9	3.9	3.1
No. of international leased lines - retail market	n.a.	n.a.	n.a.	n.a.	0.2
No. of international leased lines - wholesale market	n.a.	n.a.	n.a.	n.a.	0.7
a) leased lines - terminating segments	n.a.	n.a.	n.a.	n.a.	0.4
b) leased lines - trunk segments	n.a.	n.a.	n.a.	n.a.	0.4

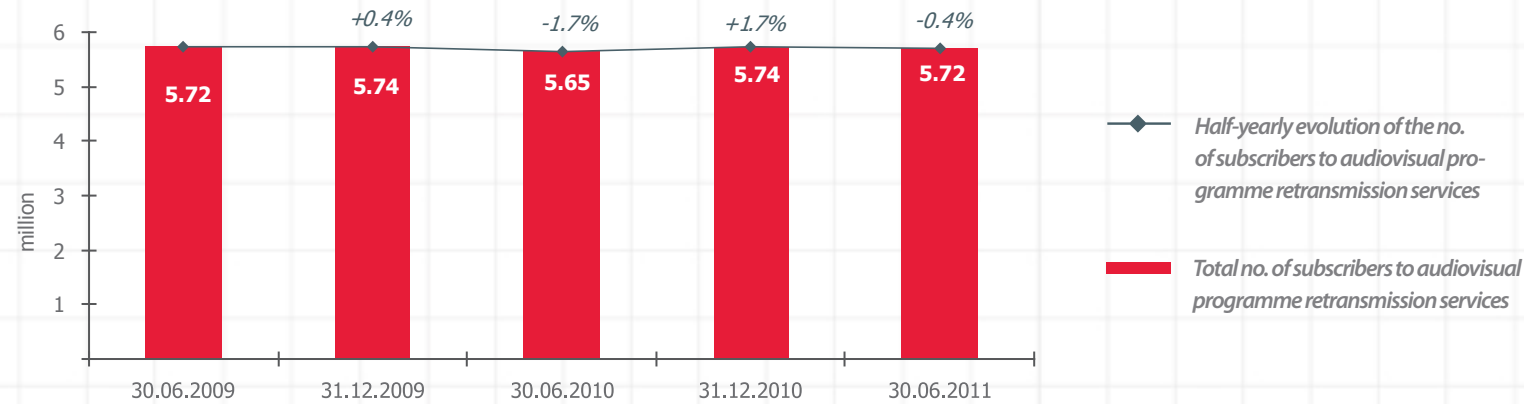
2.4 Audiovisual programme retransmission services

The total number of audiovisual programme retransmission subscribers fell slightly by mid-2011 as compared to end-2010, reaching 5.7 million.

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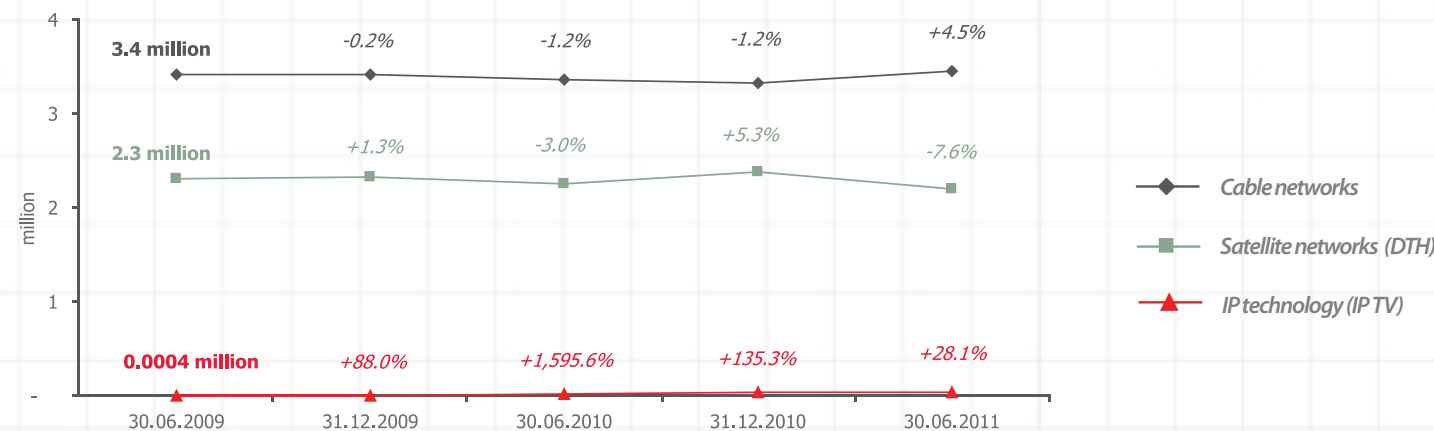
Exhibit 2.20 Dynamics of the total no. of subscribers to audiovisual programme retransmission services. Annual percentage evolution of the total no. of subscribers to audiovisual programme retransmission services: 30.06.2009 – 30.06.2011



The 0.4% decrease was caused mainly by the 7.6% diminution of the number of subscribers to satellite network transmission services (DTH), which fell to 2.2 million. The number of subscribers to retransmission services provided on cable networks and to IPTV services grew in the first

semester of this year by 4.5% and, respectively, 28.1% up to 3.5 million and 0.04 million, respectively.

Exhibit 2.21 Annual percentage evolution of the total no. of subscribers to audiovisual programme retransmission services, itemised by support: 30.06.2009 – 30.06.2011



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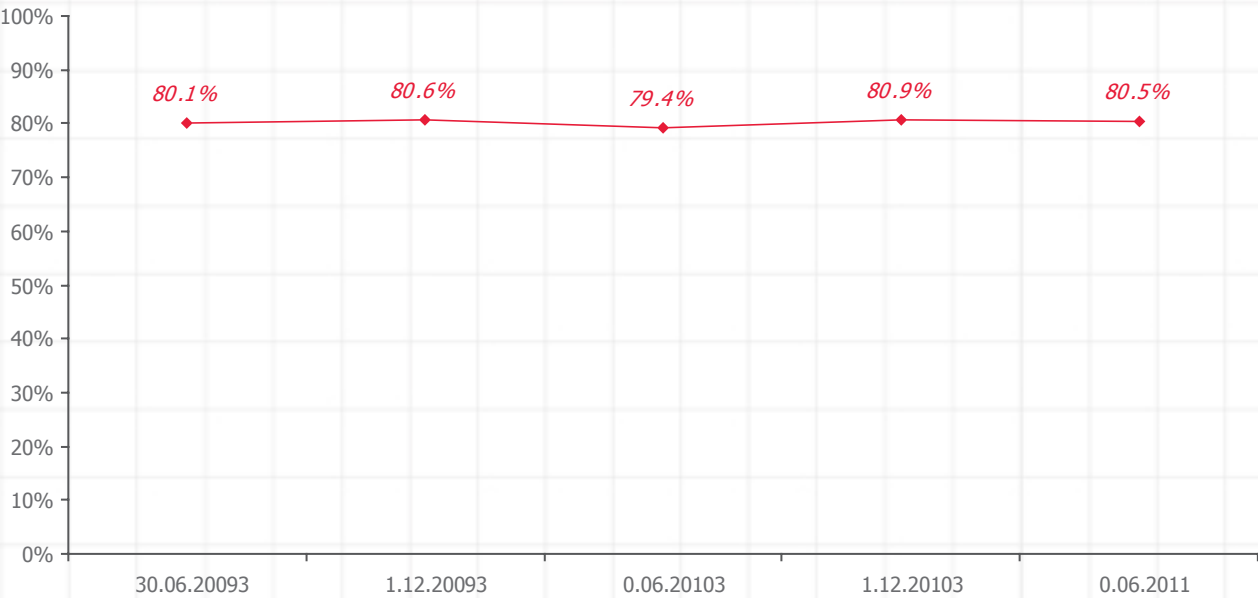
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The penetration rate of the audiovisual programme retransmission services per households reached 80%.

Exhibit 2.22 Evolution of the audiovisual programme retransmission penetration rate, per households: 30.06.2009 – 30.06.2011



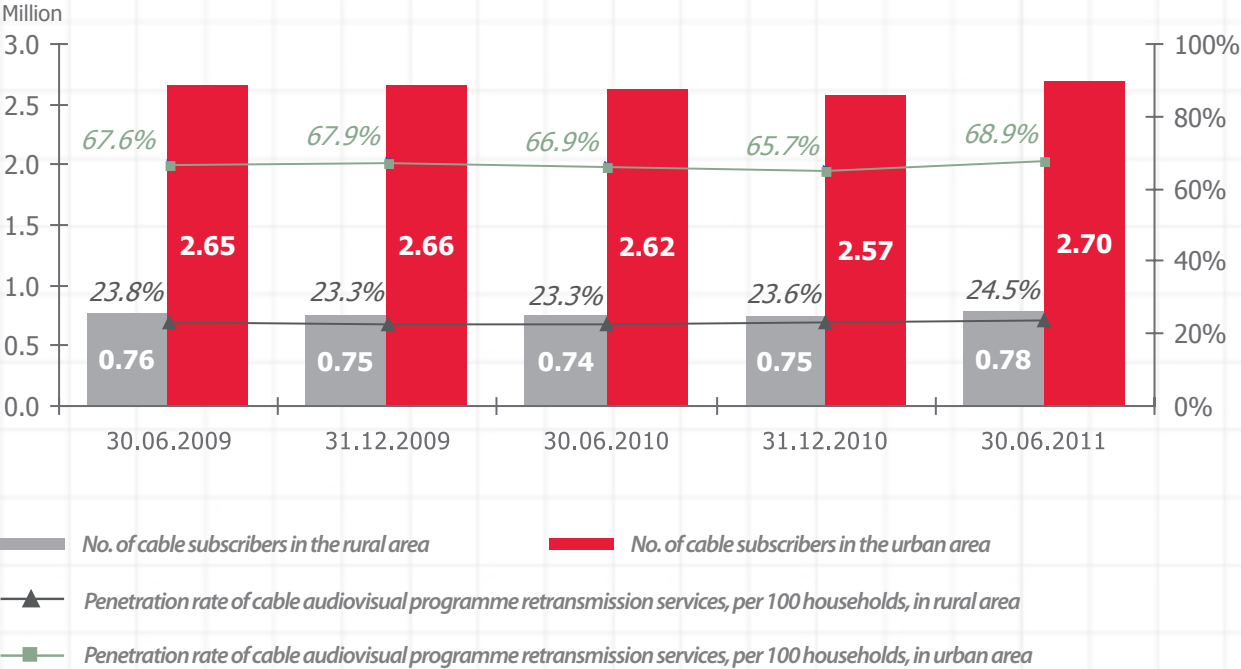
The cable networks registered increases in terms of both total number of subscribers (4%) and number of subscribers to audiovisual programme retransmission services received in digital format, up by 85%. The take-up of the number of cable subscribers in the urban area (+4.8%) was superior to that registered in the rural area (+3.5%). Thus, the rural area registered 0.78 million subscribers and a penetration rate which rose to

24.5%. In the urban area, there were 2.70 million subscribers (approx. 78% of the total number of cable subscribers), with a penetration rate that increased to 69%.

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Exhibit 2.23 Dynamics of the no. of subscribers to audiovisual programme retransmission services received on cable networks in the urban/rural area: 30.06.2009 – 30.06.2011. Penetration rates of these services in the urban/rural area³, per households: 30.06.2009 – 30.06.2011



Within the total number of cable subscribers, 21% are subscribers to cable audiovisual programme retransmission services received in digital format, their number increasing by 85% in the first semester of 2011.

³ Penetration rate per 100 households in the rural/urban area = no. of subscribers to audiovisual programme retransmission services/no. of households in the rural/urban area in Romania*100; the no. of households in the rural area was estimated by ANCOM based on the no. of households published by INS after the censuses made in 2002 and 2011 as follows: 3,212,505 as of 30 June 2009, 3,202,094 as of 31 December 2009, 3,191,717 as of 30 June 2010, 3,181,374 as of 31 December 2010, 3,171,064 as of 30 June 2011; the no. of households in the urban area was estimated by ANCOM based on the no. of households published by INS after the censuses made in 2002 and 2011 as follows: 3,925,099 as of 30 June 2009, 3,922,736 as of 31 December 2009, 3,920,373 as of 30 June 2010, 3,918,012 as of 31 December 2010, 3,915,653 as of 30 June 2011;

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Table 2.6 Dynamics of the no. of subscribers to audiovisual programme retransmission services received in digital format , by support:
30.06.2009 – 30.06.2011

Indicator	30.06.2009	31.12.2009		30.06.2010		31.12.2010		30.06.2011	
	thousand	thousand	evol. (%)	thousand	evol. (%)	thousand	evol. (%)	thousand	evol. (%)
Total no. of subscribers to audiovisual programme retransmission services received in digital format ⁴ , of which on:	2,564	2,653	+3.5	2,629	-0.9	2,810	+6.9	2,977	+5.9
- digital cable networks	260	319	+22.6	352	+10.5	397	+12.7	735	+85.1
- DTH satellite networks	2,304	2,333	+1.3	2,263	-3.0	2,383	+5.3	2,203	-7.6
- IP technology (IPTV)	0.40	0.75	+88.0	12.8	+1,595.6	30.0	+135.3	38.4	+27.9

2.5 Postal services

2.5.1 Active postal service providers in 2010

274 postal providers activated on the postal market in 2010, acting as such or on behalf and on the account of other providers. In the same timeframe, 113 authorised providers (i.e. 24.30% of the total authorised

providers) did not exercise their right to provide postal services, whereas 491 providers waived the right to provide postal services.

⁴Number of persons who concluded a contract with a provider of services of audiovisual programme retransmission on cable/satellite/IP support, ensuring the reception of the audiovisual programmes in digital format.

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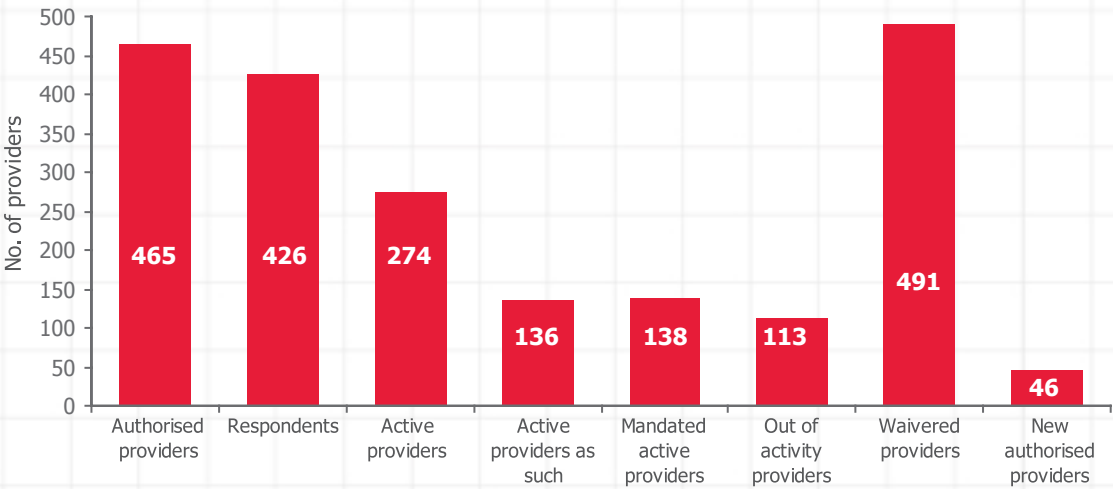
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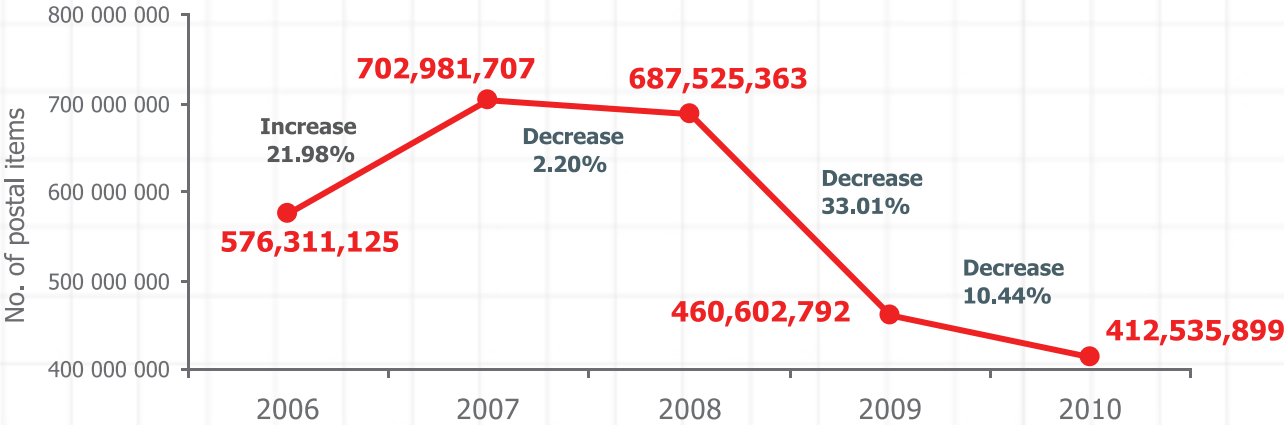
Exhibit 2.24 Postal service providers in 2010



2.5.2 Total postal traffic in 2010

The 2010 total postal traffic amounted to 412.5 million postal items, with 385.6 million domestic postal items, i.e. 93.47% of the total postal traffic, and 26.9 million cross-border postal items, i.e. 6.53%.

Exhibit 2.25 Dynamics of the total postal traffic, 2006-2010



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412.5 million postal items were processed in Romania in 2010, i.e. an average of 19.26 of postal items per capita, which is less than in 2009, when the average was 21.46.

Out of the total amount of items processed in 2010, the Romanian Post National Company (CNPR) dealt with 79.75%, namely 328.98 million items, whereas the following ten providers – by volume – processed 65.33 million items, i.e. 15.84% of the total traffic of processed items. The remaining 4.41%, i.e. 18.22 million items, have been processed by other providers.

93.5% of the 2010 total postal traffic is held by the domestic postal items,

which went down by 10.72% as compared to 2009, reaching 385.6 million items, in the context in which the domestic traffic of CNPR decreased by 16.43% and the other providers’ traffic increased instead by 21.23%.

The same dynamics are met in reference to the cross-border items, where the total traffic (26.9 million items) fell slightly (6.09%) compared to 2009; in this market segment, CNPR processed by approx. 11% less items than in 2009, while the other providers registered a growth by more than 36% of the cross-border traffic volume.

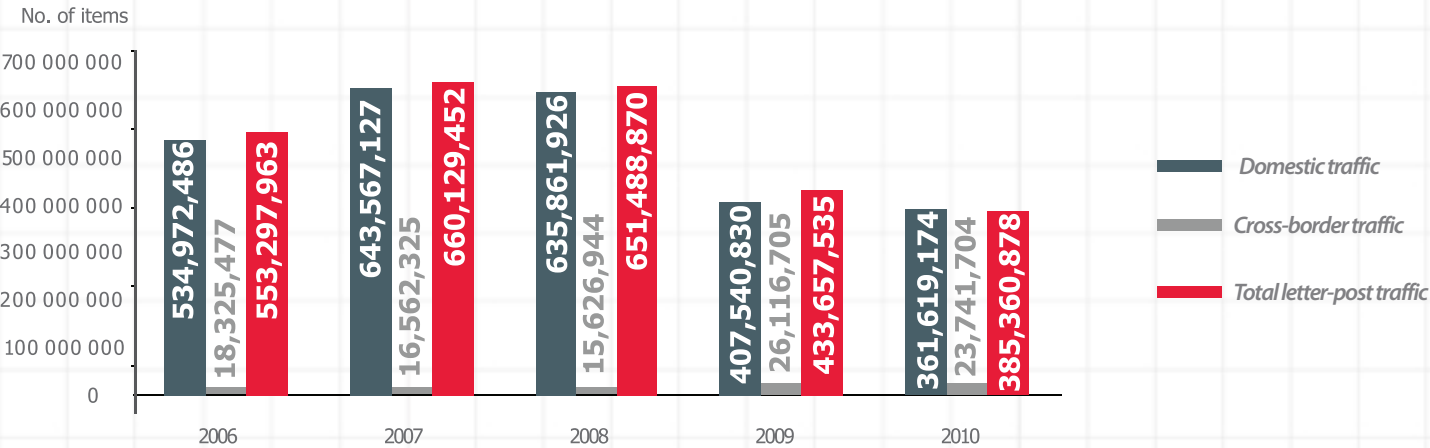
2.5.3 Structural analysis of the postal traffic

In 2010, the letter-post traffic amounted to 385.36 million items, accounting for 93.41% of the total postal traffic (412.5 million items).

The following volumes of items were processed in 2010:

- 361.6 million domestic items;
- 23.7 million cross-border items.

Exhibit 2.26 Letter-post traffic, 2006-2010



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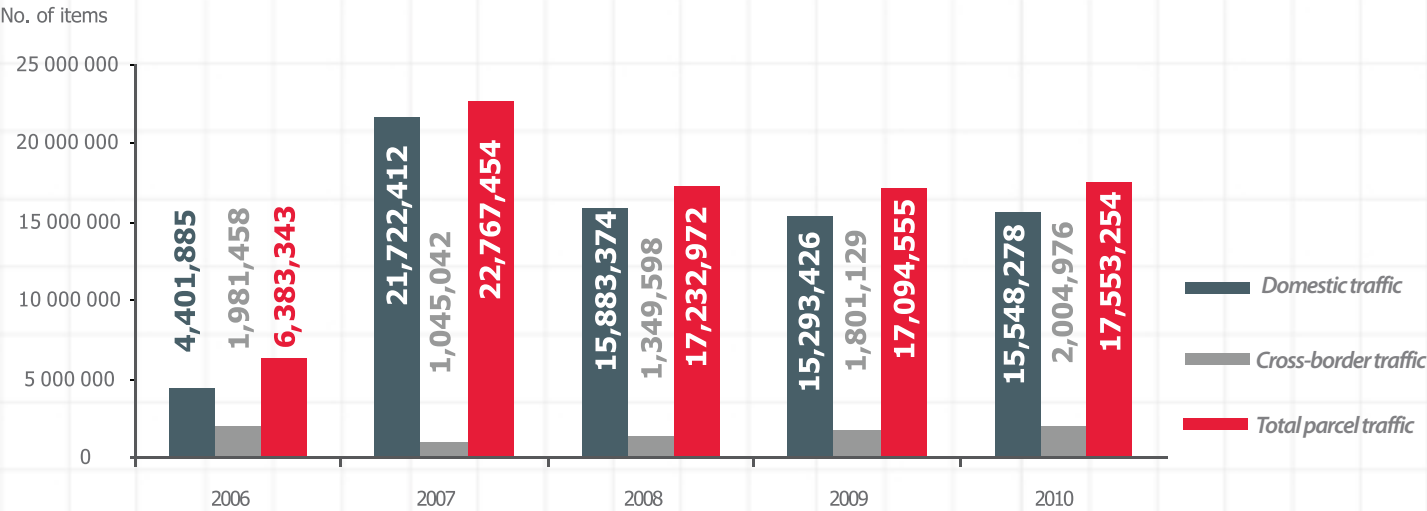
2.5 Postal services

As for postal parcels, an amount of 17.5 million parcels, accounting for 4.25% of the total postal traffic (412.5 million), were cleared and delivered in 2010.

The following volumes of items were processed in 2010:

- 15.5 million domestic postal parcels;
- 2 million cross-border postal parcels.

Exhibit 2.27 Parcel traffic, 2006-2010



In 2010, the total traffic of Express services registered 9.62 million postal items, namely 2.33% of the total postal traffic.

The following volumes of items were processed in 2010:

- 8.42 million domestic Express items;
- 1.2 million cross-border Express items.

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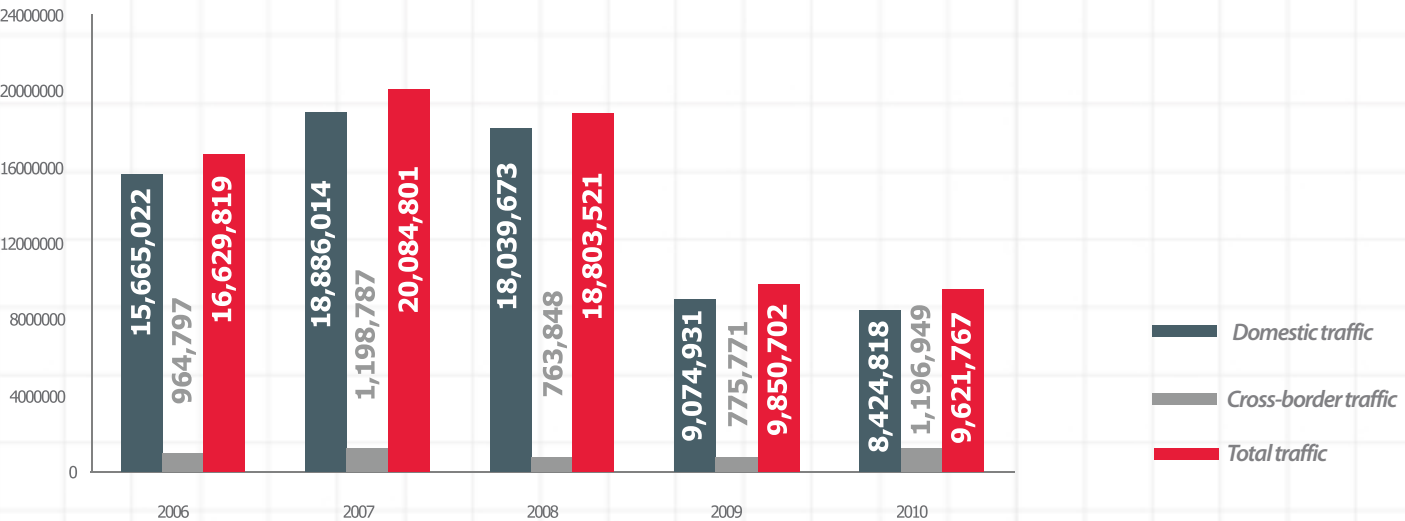
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Exhibit 2.28 Traffic of postal items processed via Express services, 2006 – 2010



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2.5.4 Postal services within the scope of universal service

The postal services within the scope of universal service deal with:

- a) clearance, sorting, transport and delivery of domestic and cross-border items of correspondence, printed matter items and direct mail items up to 2 kg;
- b) clearance, sorting, transport and delivery of domestic and cross-border postal parcels up to 10 kg;
- c) distribution of postal parcels weighing up to 20 kg, sent from outside Romania to an address located on the Romanian territory;
- d) service for registered items dealing with postal items from the categories provided for at letters a) to c);

e) service for insured items dealing with postal items from the categories provided for at letters a) to c).

ANCOM continued to foster competition in the sector by issuing regulations applicable to the postal service market which enabled other postal providers to supply services within the scope of universal service, and therefore, in 2010, these types of services were provided both by CNPR, in its capacity of designated universal service provider, and by other postal service providers.

2 The market of electronic communications and postal services

- 2.1 Fixed telephony
- 2.2 Mobile telephony
- 2.3 Internet access, leased line and data transmission services
- 2.4 Audiovisual programme retransmission services
- 2.5 Postal services

In 2010, the postal traffic of services within the scope of universal service registered 326.69 million postal items, thus holding 79.19% share within the year's total postal traffic (412.5 million).

This type of traffic consisted of:

- 303.5 million domestic postal items;
- 23.19 million cross-border postal items.

The comparative analysis between the traffic within the scope of universal service achieved by CNPR in 2009 and 2010 shows a decrease of both domestic and cross-border traffic, by more than 20% and, respectively, more than 10%.

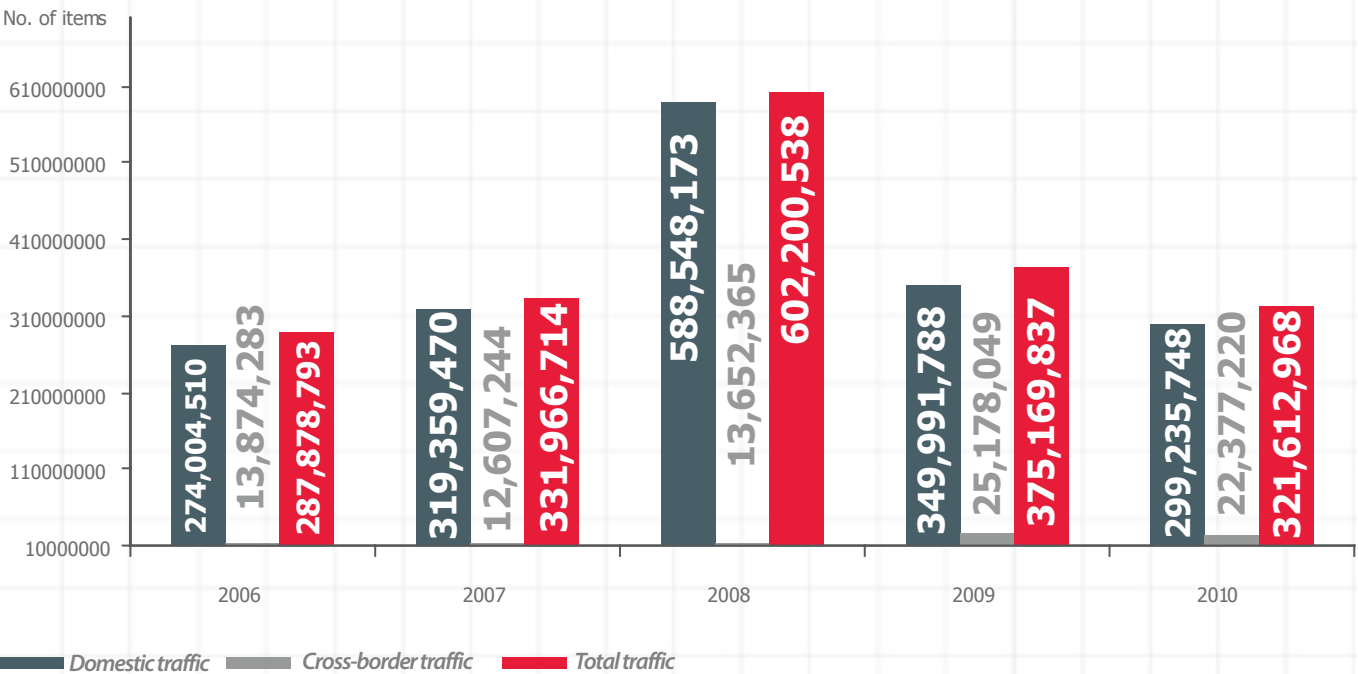
The ANRCTI President's Decision no.2858/2007 on the general authori-

sation regime for the provision of postal services encouraged the other providers to provide postal services within the scope of universal service as long as they complied with the tariff and weight ceilings under the rights reserved to the designated universal service provider (CNPR). Consequently to this regulatory measure, approximately 15.74% (51.39 million items) of the 2010 total traffic within the scope of universal service (326.69 million items) was processed by other authorised postal providers than the universal service provider.

The letter-post traffic accounted for 98.45% of the 2010 postal traffic within the scope of universal service (326.69 million) and counted 321.61 million items, of which:

- 299.23 million domestic postal items;
- 22.38 million cross-border postal items.

Exhibit 2.29 Letter-post traffic within the scope of universal service, 2006-2010



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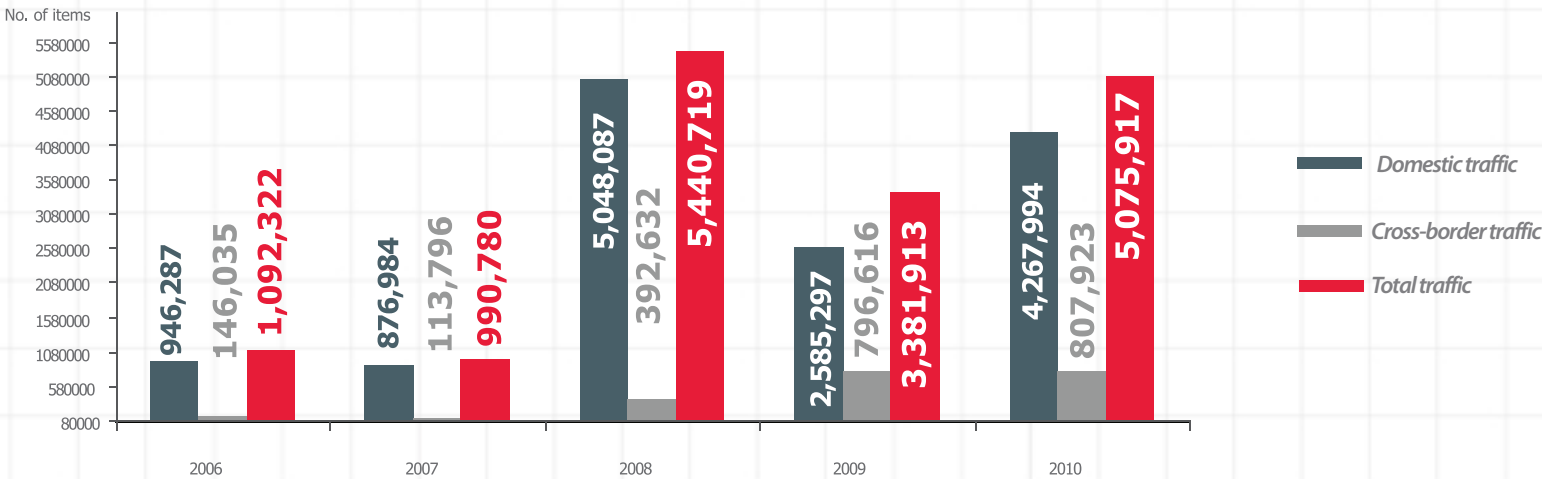
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- 2.4 Audiovisual programme retransmission services
- 2.5 Postal services

The traffic of postal parcels within the scope of universal service consisted of:

- 4.78 million domestic and cross-border postal parcels weighing between 2 kg and 10 kg of which:
 - 4.27 million domestic postal parcels
 - 0.51 million cross-border postal parcels
- 0.29 million postal parcels weighing between 10 kg and 20 kg sent from outside Romania to an address located on the Romanian territory.

Exhibit 2.30 Traffic of postal parcels within the scope of universal service, 2006 – 2010



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2.5.5 Postal traffic of services reserved to CNPR

As a universal service provider, according to the ANCOM President's Decision no.293/2009 on the designation of the universal service provider in the postal field, CNPR further benefited in 2010 from the exclusive right to provide postal services dealing with items of correspondence, weighing less than 50 g and costing less than 2 lei, irrespective of whether their delivery is accelerated or not, which consisted of:

- clearance, sorting, transport and delivery of domestic items of correspondence;

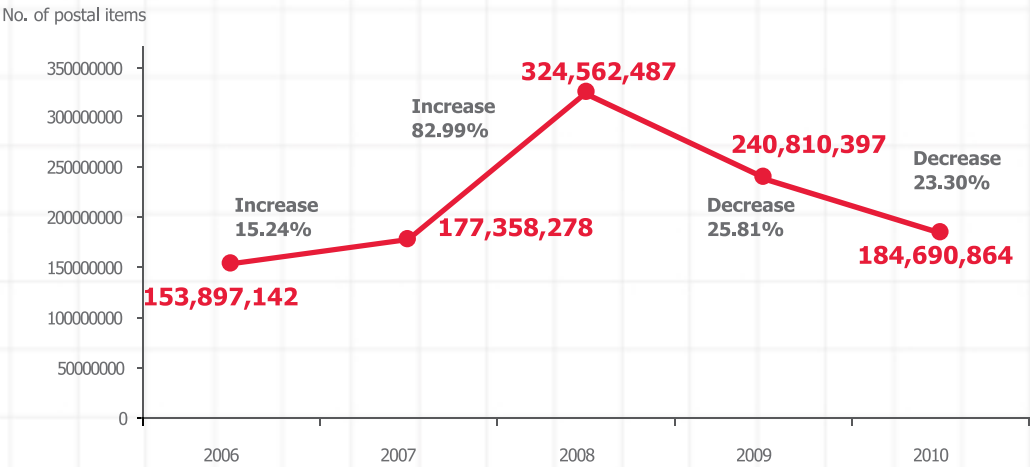
■ distribution of the items of correspondence sent from outside Romania to an address located on its territory.

The postal traffic achieved by the universal service provider - CNPR - in 2010, based on its reserved rights, amounted to 184.69 million items, which stand for 56.53% of the universal service traffic (326.69 million) and 87.75% of the whole correspondence traffic (210.47 million items) achieved by CNPR.

2 The market of electronic communications and postal services

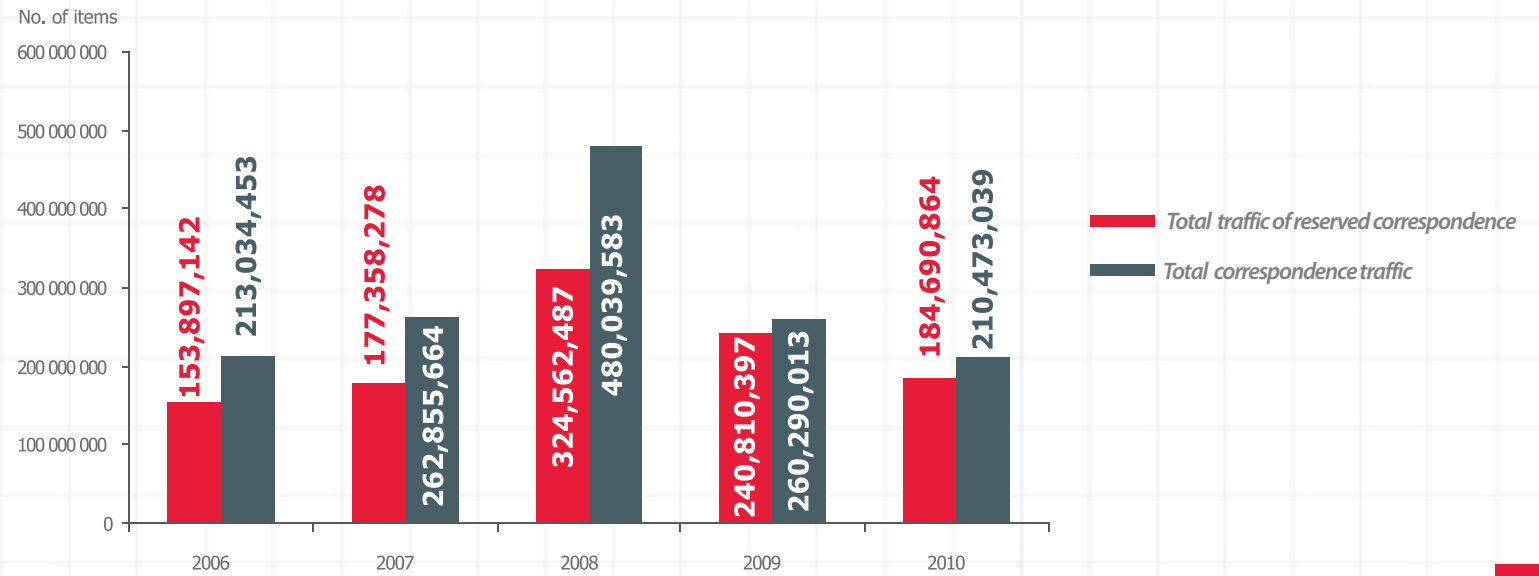
- 2.1 Fixed telephony
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Exhibit 2.31 Dynamics of the traffic of correspondence services reserved to CNPR, 2006-2010



The analysis of the data corresponding to 2009 and 2010 shows a significant decrease of the CNPR correspondence traffic and of the traffic generated by its reserved services as compared to 2008.

Exhibit 2.32 Traffic of reserved correspondence and traffic of CNPR correspondence, 2006-2010



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2.5.6 Postal services outside the scope of universal service

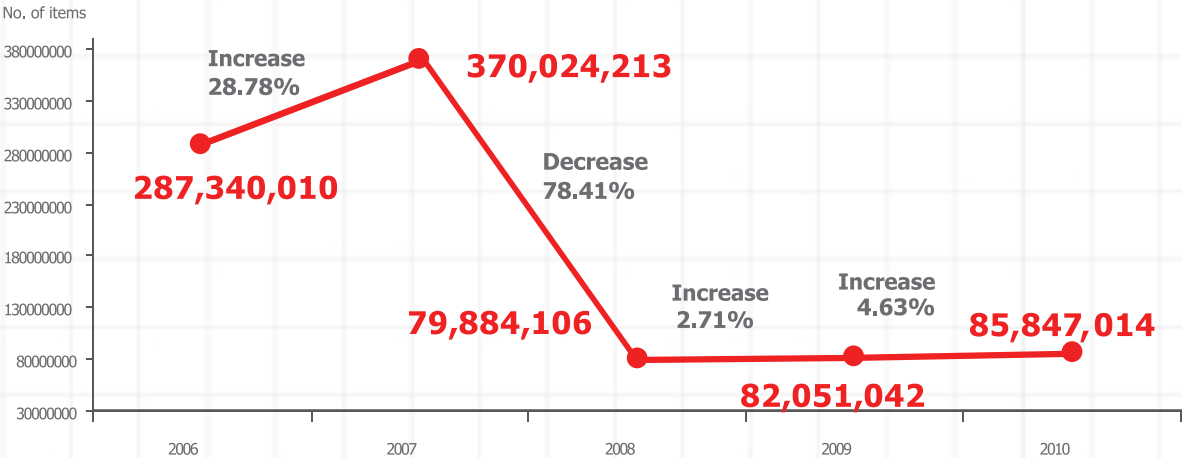
The postal traffic of services outside the scope of universal service is made of the postal items dealing with services with supplementary characteristics Cash on delivery, Change of Destination, Special Delivery, Advice of Delivery, and of the Express items.

The 2010 postal traffic of services outside the scope of universal service

amounted to 85.85 million postal items, i.e. 20.81% of the year's total postal traffic (412.5 million), out of which:

- 82.09 million domestic postal items;
- 3.76 million cross-border postal items.

Exhibit 2.33 Dynamics of the total postal traffic outside the scope of universal service, 2006-2010



In 2010, the traffic of postal items weighing up to 2 kg subject to the services with supplementary characteristics counted 63.75 million items, of which:

- 62.38 million domestic postal items
- 1.36 million cross-border postal items.

Table 2.7 Structure of the traffic of services with supplementary characteristics in 2010

Indicators	Correspondence items	Printed matter items	Small parcels	Total
Domestic	55,677,882	18,306	6,687,238	62,383,426
Cross-border	1,160,989	16,004	187,491	1,364,484
Total	56,838,871	34,310	6,874,729	63,747,910

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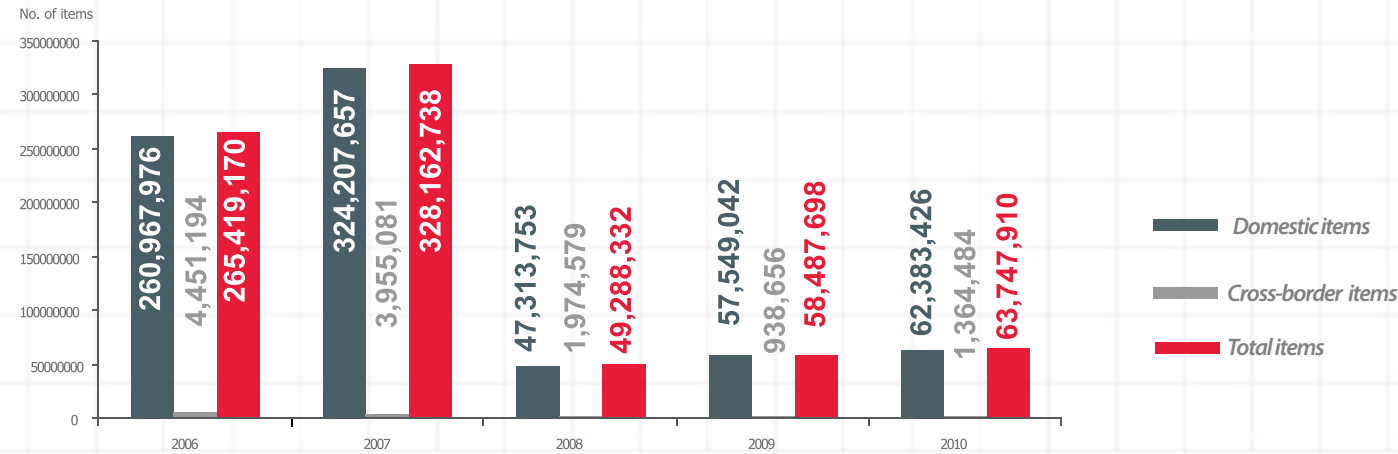
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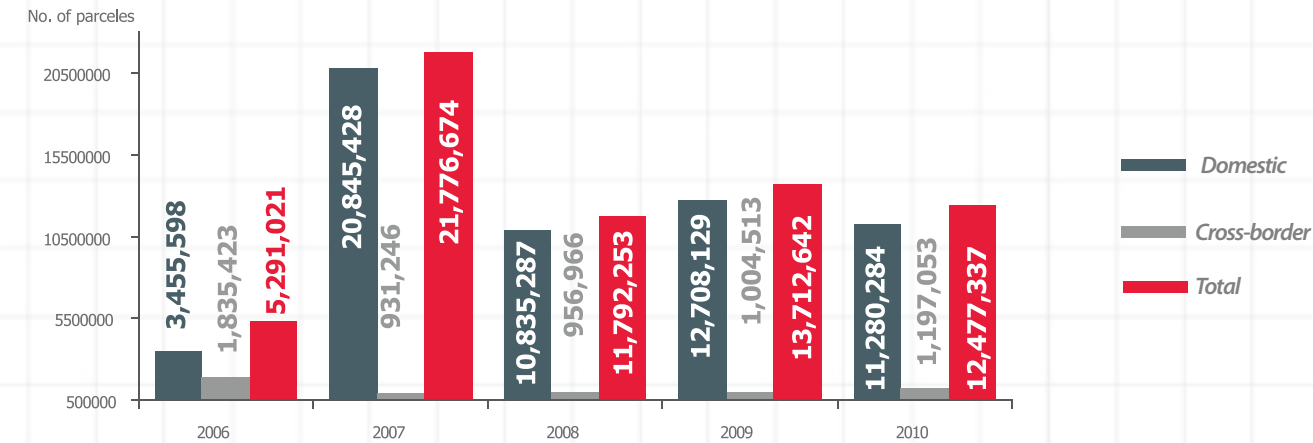
Exhibit 2.34 34 Postal traffic of services with supplementary characteristics, 2006-2010



The total *traffic of postal parcels* counted 12.48 million items, accounting for 14.53% of the entire traffic of postal items outside the scope of universal service (85.85 million items), of which:

- 11.28 million domestic postal items
- 1.2 million cross-border postal items.

Exhibit 2.35 Traffic of postal parcels outside the scope of universal service, 2006-2010



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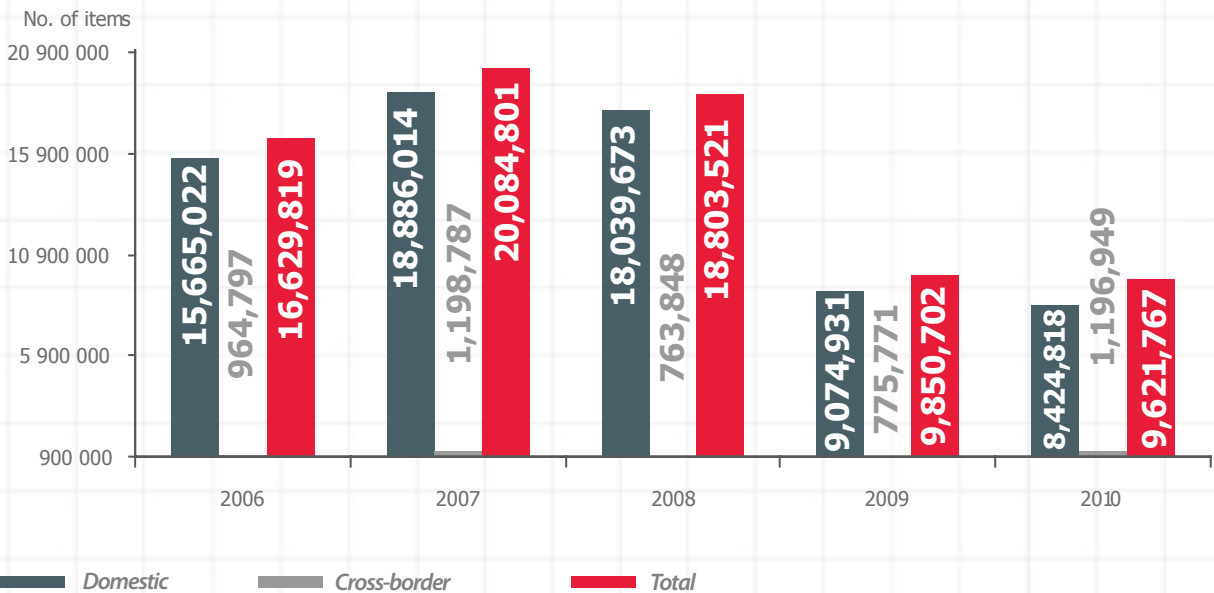
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The total Express traffic amounted to 9.62 million items and stands for 11.21% of the entire traffic of postal items outside the scope of universal service (85.85 million items), of which:

- 8.42 million domestic postal items
- 1.2 million cross-border postal items.

Exhibit 2.36 Express traffic, 2006-2010



2.5.7 Traffic of postal items intended for visually impaired persons (cecogrammes)

Cecogrammes are postal items up to 7 kg, such as an open item containing a letter intended for the blind and sight impaired, imprinted on a firm paper or similar material, a cliché with cecography signs and sound recordings or special paper intended for blind or persons with sight impairment, if sent by or to an institute for persons with sight impairment. The Acts of the Universal Postal Union provide that items in this category are free of charge.

In 2010, the traffic of postal items intended for persons with sight impairment was exclusively achieved by CNPR and consisted of:

- 9,647 domestic items
- 6 cross-border items.

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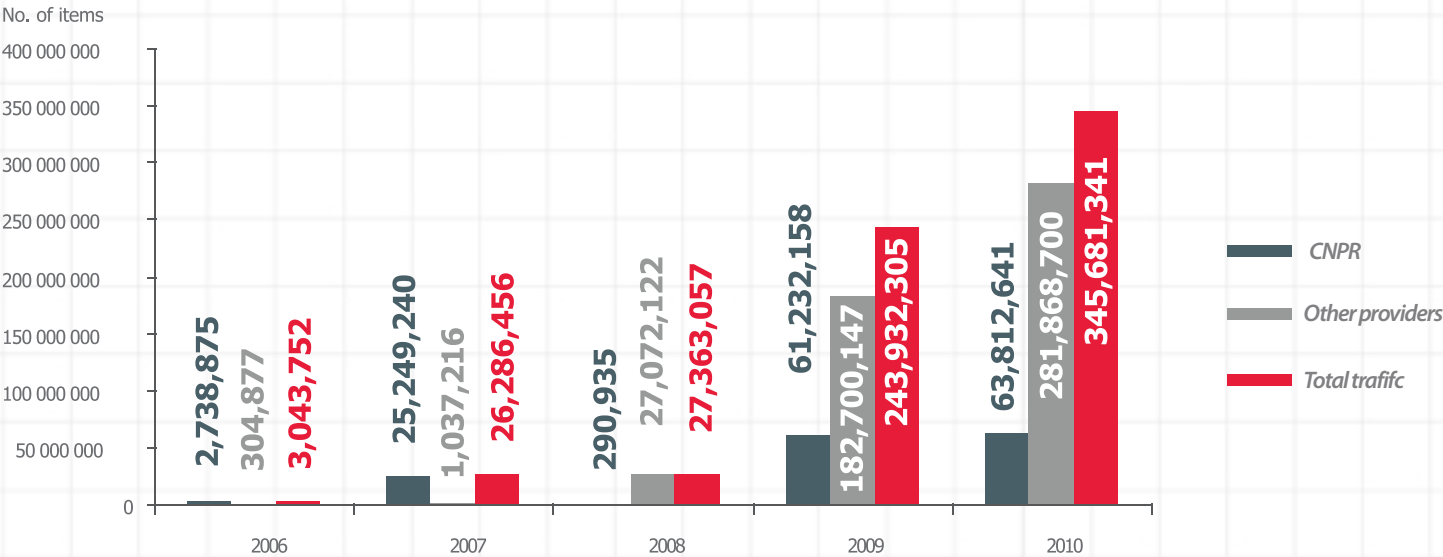
2.5.8 Traffic of postal items subject to ancillary services to postal services (unaddressed and hybrid)

Unaddressed items are not considered postal items, therefore they were not counted in the total postal traffic, but were collected and are analysed for statistical reasons.

This type of items include: flyers, brochures, posters, catalogues or other

advertisement and commercial materials. These items do not bear the name and address of the addressee, and therefore they are delivered upon certain criteria established by the sender (geographic, demographic, professional criteria etc.).

Exhibit 2.37 Traffic of unaddressed mail items, 2006-2010



Hybrid mail items are presented in a physical or electronic form by the sender (electronic mail, SMS, fax etc.), electronically processed by the service provider (decompressed, decrypted, archived etc.), and transmitted mainly electronically to the points in the provider's network located as close as possible to the final delivery addresses wherefrom the items are

delivered in physical form to the addressee.

In 2010, only CNPR reported a total of 243,661 hybrid mail items, of which 212,130 domestic and 31,531 cross-border.

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2.5.9 Statistical data on the complaints filed in relation to the provision of postal services

In 2010, the postal service providers registered 90,612 complaints in reference to the services provided, 8,435 of which proved to be grounded and therefore the providers paid repairs amounting to 2,226,080 lei.

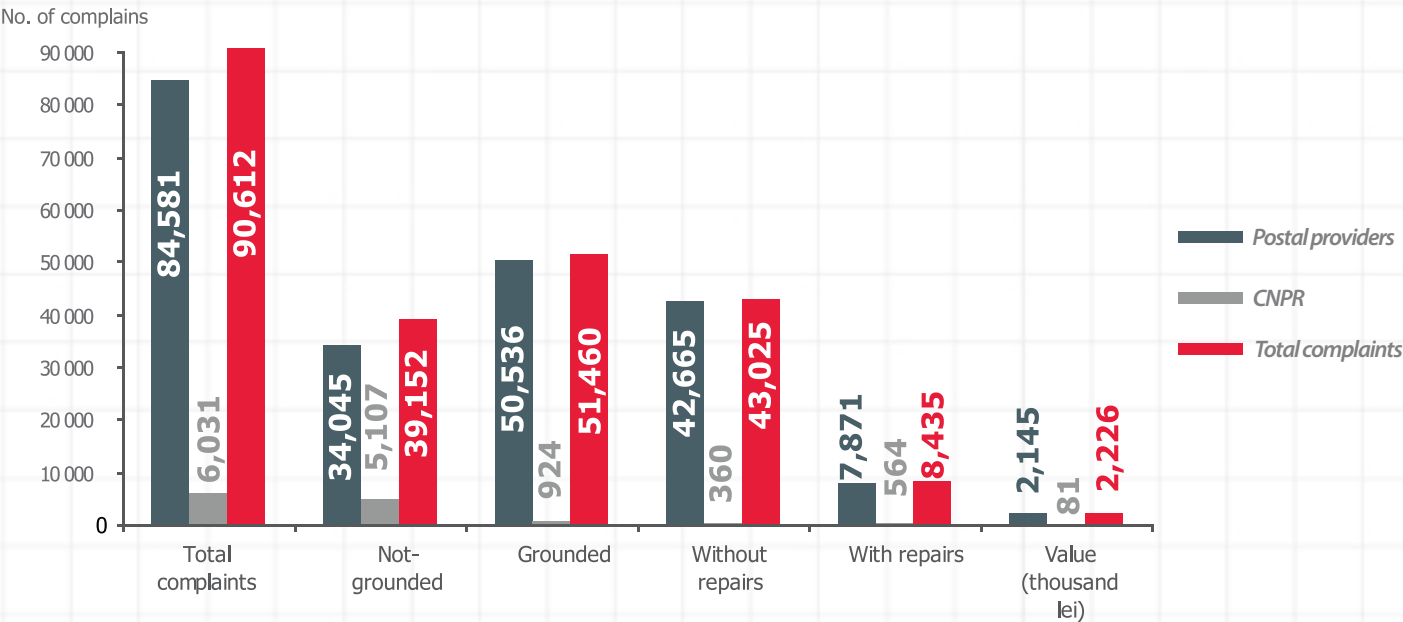
CNPR received 6,031 complaints of which 9.35% (564 complaints) were deemed grounded and for which the provider paid repairs amounting to 80,683 lei.

Within the total registered complaints which proved to be grounded and

whose settlement did not impose the payment of repairs, 82.91% were addressed to the private providers and 17.09% to the universal service provider. In these matters, it was deemed that the prejudice claimed, in accordance with the contract concluded with the postal service user, does not need to be repaired.

Within the total complaints (90,612) registered in 2010, 43.21% were not-grounded (37.57% received by the private providers of postal services and 5.64% by CNPR).

Exhibit 2.38 Statistics of the complaints lodged by the users of postal services in 2010



2.5.10 Analysis of the postal networks

Postal coverage refers to the number of access and contact points covered by the postal providers' personnel per 100 km2.

In 2010, Romania's postal network totalised 7,884 access and contact points served by personnel, belonging both to the universal service pro-

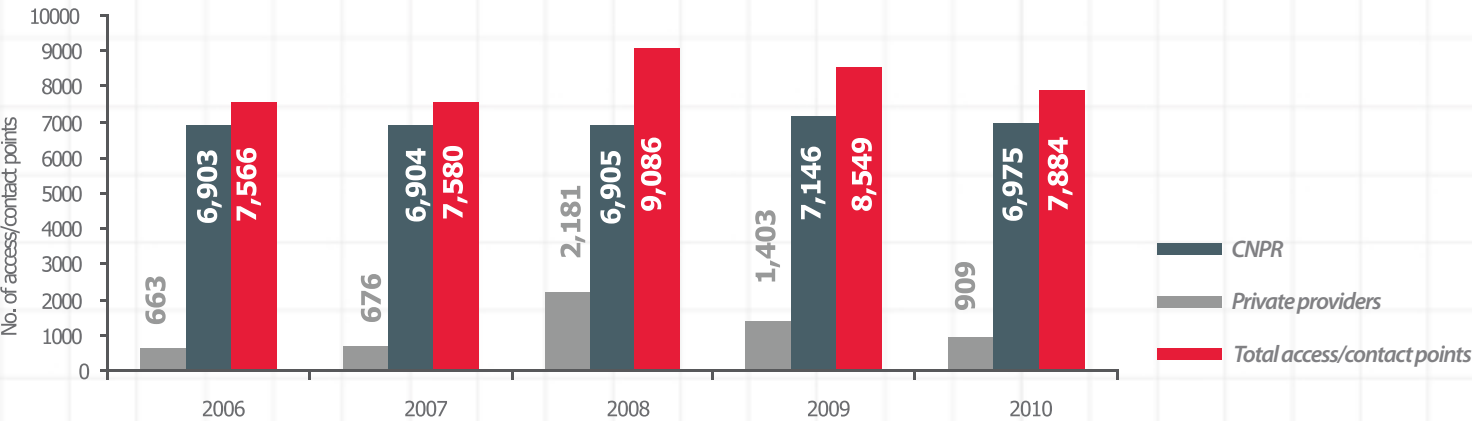
vider and to the other providers.

In proportion to the country territory (238,391 km2), the resulting index is 3.31 (access/contact points)/100 km2.

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Exhibit 2.39 Number of access and contact points (CNPR and private providers included), 2006-2010



In 2010, the number of the universal service provider's access/contact points fell by 2.39% as compared to 2009, whereas the other providers' access/contact points went down by 35.21%.

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In 2011, in view of promoting the end-users’ interests, ANCOM continued to implement the regulations concerning the universal service in the field of electronic communications and postal services and initiated the necessary steps for the review of the secondary regulatory framework for number portability.

3.1 Establishment of the quality parameters for the provision of the Internet access services and publication of the due parameters

Access to comparable, adequate and updated information enables the end-users to make the most suitable choices when they purchase and use electronic communications services. An increased level of the users’ awareness enhances their confidence in the market, may stimulate the consumption and trigger effective competition, thus spurring the service providers to come with diversified and optimised offers in terms of both quality of services and cost. A good knowledge of the types of services covered by the contracts and of the quality associated to a certain offer will enable the end-user to choose the provider he/she deems suitable for his/her needs. The transparency of the quality parameters for the Internet access service allows for the end-users to assess the providers’ performance, as well as its evolution over time (improvement or deterioration of the offered service).

In accordance with the legal provisions in the electronic communications field granting ANCOM the competence to set quality parameters to be measured by the providers of electronic communications services and the content, the form and the modality in which these will be published, ANCOM adopted Decision no.1201/2011 which imposed on the Internet access providers obligations concerning the transparency in the relations with the end-users.

The additional transparency obligations imposed by ANCOM on the Internet access providers came also as a response to the end-users’ concerns, communicated to the Authority by means of the complaints and requests of information they lodged.

According to the decision adopted by the Authority, all the Internet access providers had the obligation to include, by 20 January 2012, a set of quality indicators for the Internet access service in the contracts con-

Furthermore, in order to ensure the transparency as regards the quality indicators for the provision of the Internet access service, ANCOM set as objective for 2011 the adoption of the measures needed to define these indicators and publish the corresponding parameters.

cluded with the end-users. Moreover, until 1 January 2012, the providers had the obligation to publish a procedure on the measurement of the administrative quality parameters provided for in the decision. The first data concerning these parameters, for the first quarter reporting period, will be made public on the providers’ websites by 25 April 2012.

The Internet access providers also have the obligation to include in the contracts and in the general conditions for service provision, as the case may be, the quality levels or the specifications under the decision, as follows:

- **data transfer speed** - the contracts will specify the nominal/maximum data transfer speed and the guaranteed minimum data transfer speed. If the provider does not ensure a guaranteed minimum speed, then the respective provider will explicitly mention this in the contract and in the general conditions. Most Internet access services are best effort-type, their quality depending, to a large extent, on the way the providers plan their networks;
 - **maximum transfer delay**, if the provider ensures a guaranteed value;
 - **maximum transfer delay variation**, if the provider ensures a guaranteed value;
 - **maximum packet loss rate**, if the provider ensures a guaranteed value.
- Furthermore, the Internet access providers will include in the contracts and in the general conditions for service provision, as the case may be, a series of administrative quality parameters such as:
- **the term from which the Internet access will be provided, expressed in calendar days;**
 - **the damage repair term, expressed in hours;**
 - **the term of solving the users’ complaints, expressed in hours.**

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The providers will quarterly publish on their websites the values of the aforementioned parameters and, in addition, **the frequency of the user's complaints, the frequency of the damage-related complaints and the frequency of the billing accuracy-related complaints**. The providers will keep posted on their websites complete and exact data on these indicators in order to enable the end-users to access the values corresponding to the last four quarters as well.

The decision provides that ANCOM will create, manage and make available to the public an interactive application enabling the users to measure themselves the technical quality indicators of their provider. ANCOM will prepare and publish on its website, on a quarterly basis, statistical data on these quality indicators so as to offer the users an overview on the quality of the service offered by the Internet access providers.

The application, to be implemented in Q4 2012, will test the quality of the service or link between the end-user's terminal equipment and a test server placed in an interexchange Internet connection node. Thus, the measurements will indicate a value of parameters closer to the end-users' experience in accessing the Internet access services, the measured way including the provider's entire network, as well as, in the case of the

smaller providers, other networks interconnected with their networks. On the other hand, by developing this application, ANCOM will hold an enhanced control over the accuracy of the measurements and will be able to make statistics with regard to the quality of the Internet access services offered by various providers. The test outcomes, as well as the statistical data on the quality of services will thus be offered to the end-users unitarily, on comparable bases.

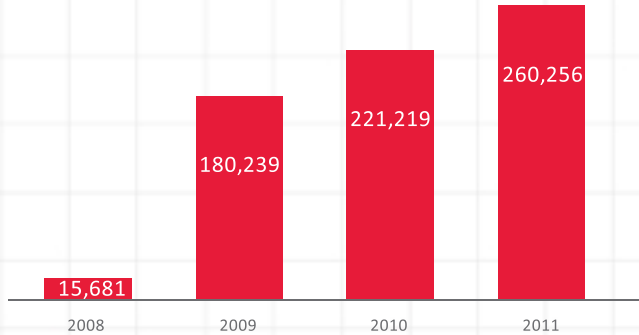
The decision applies to the Internet access services, supplied over fixed or mobile public electronic communications networks, irrespective of the Internet access technology: narrowband wired access (dial-up/ISDN connections) or broadband wired access (DSL, cable modem) or wireless access such as WLAN, GSM, GPRS and UMTS.

3.2 Number portability

Telephone number portability enables the users to keep their telephone number when shifting to another service provider. 677,395 telephone numbers have been ported in Romania since the introduction of the service in October 2008 and until end-2011.

260,256 numbers were ported in 2011, up by 17% as compared to 2010. Out of these, 177,111 (68%) were mobile telephone numbers and 83,145 (32%) were fixed telephone numbers.

Exhibit 3.1 Evolution of the annual amount of ported numbers from the service introduction



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76,937 of the fixed telephone numbers were geographic numbers and 6,208 location-independent numbers. Most geographic numbers were ported in Bucharest (26,684), followed by Galati (6,670), Cluj (5,911), Prahova (4,461), Constanta (3,214), Bacau (2,518), Timis (2,212) and Alba (2,008) counties. Moreover, 12 freephone non-geographic numbers (in the 0800 domain) were ported.

As for mobile telephony, the statistical data show that postpaid users port their numbers more frequently than the prepaid users. Thus, approx. 75% of the total mobile telephony users who ported their numbers in 2011

were postpaid users and about 25% were prepaid users. The amount of ported numbers has grown steadily along the time since the introduction of number portability at end-2008. Therefore, the average amount of 7,833 ported numbers in 2008 rose to 15,019 in 2009, 18,434 in 2010, reaching 21,688 in 2011. The highest amount of numbers ported in a month was registered in December 2011, i.e. 34,696.

Exhibit 3.2 Monthly evolution of the amount of ported numbers in 2011

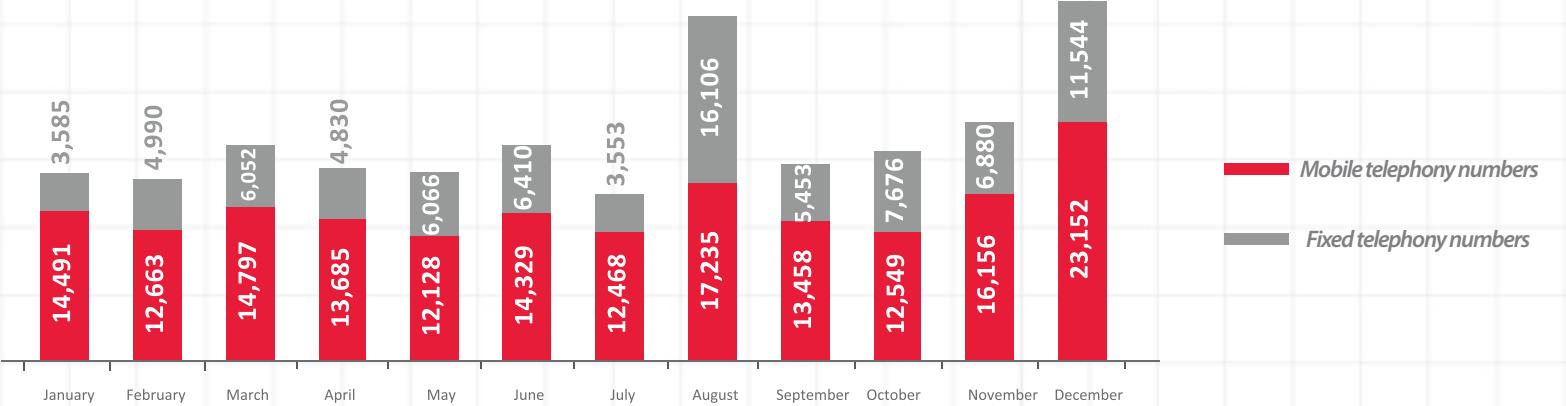
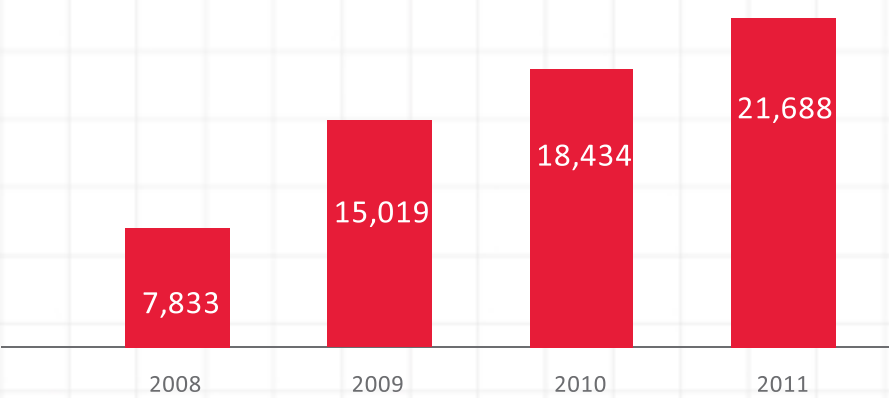


Exhibit 3.3 Evolution of the average monthly amount of ported numbers



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ANCOM continued to administrate the Central Database (BDC) which manages the administrative processes associated to number portability. This database was used in 2011 by 58 telephony providers, 9 of them using the automatic interface of the BDC, while the others used the web application ANCOM made available to ensure the access to the BDC. During 2011, 28 providers of services provided at fixed locations and 5 providers of services provided at mobile locations used the BDC in their capacity as acceptor providers.

In 2011, ANCOM initiated the process of reviewing the secondary regulatory framework for number portability by adopting the ANCOM president's Decision no. 1382/2011 amending and completing certain regulations in the field of numbering resources and technical resources. Art. V under this decision provides that the maximum term in which a number

must be ported is reduced from 10 to 3 working days. Nevertheless, in order to ensure the coherence of the regulatory activity and the predictability for the providers, the reduction of the porting time was set to enter into force after the change of the Technical and commercial conditions for the implementation of number portability. The activity was carried on with the analysis, within the working group comprising representatives of the providers of publicly available telephone services and of ANCOM's, of the Technical and commercial conditions for the implementation of number portability. The process of review of the secondary legislation, in the sense of reducing the terms associated to the porting processes, will be completed and the regulations will be implemented by the electronic communications providers during 2012.

3.3 The Single Emergency Call Number 112

112 is the emergency service reachable from fixed and mobile public networks, free of charge, in any of the EU Member State, and represents a rapid way of communicating with the specialised agencies (the Police, the Fire Brigade, the Ambulance, the Gendarmerie) under emergency circumstances. Access to this service must be ensured under the best conditions at both a national and a European level. Ensuring the interoperability of the emergency services with the citizens effects many other areas such as electronic communications, health or public order.

In 2011, ANCOM monitored the implementation of the provisions of Decision no. 861/2010 on amending the Decision of the president of the National Authority for Communications no.1023/2008 on establishing communications to the National Unique System for Emergency Calls (SNUAU), which pursues the implementation of a set of measures for Exhibthting against prank calling to emergency service 112. In this regard, the Authority sent letters of warning and notifications to the providers of mobile public telephone networks and to the SNUAU administrator.

In view of verifying the compliance with the obligations imposed by these legal provisions, ANCOM requested information on the status of the observance of these obligations. Regretfully, because of the lack of support from the SNUAU administrator, the implementation of the meas-

ures introduced for Exhibthting against prank calling to emergency service 112 was not completed.

As well, ANCOM envisaged in 2011 to harmonise its position with that of the European bodies with duties in the emergency communications field by taking the following actions at the international level:

- participation in the 9th and 10th meetings of the Expert Group on Emergency Access (EGEA), a working group established by the Commission's Communications Committee (COCOM) to harmonise the positions of the European bodies responsible for handling emergency communications to 112;
- participation in the works of the European Emergency Number Association - EENA, an entity promoting the establishment of an efficient, multilingual and simplified pan-European system for alerting citizens about imminent or developing emergencies;
- active participation in the elaboration of studies and reports within European working groups and then in the promotion of a standardization mandate to the European Commission, alongside the colleagues from other authorities of the European national administrations;
- participation in the works of making within the ETSI - European Telecommunications Standards Institute - the standard "Functional architecture to

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support European requirements on emergency caller location determination and transport”, based on the standardisation mandate M/493 EN – “Standardisation mandate to European Standards Organisations in support of the location enhanced emergency call service”;

- participation in the works of the ECC-TRIS working group for the establishment of the procedures for the transposition of the provisions of Directive 2009/136/EC establishing certain criteria for the precision and fidelity of the location information related to emergency calls to 112. The works are further carried in 2012 when a Recommendation/Report treating the issue of the enhanced precision of the emergency caller location in the entire European space is to be elaborated;
- consolidation of the responses to the European Commission’s Communications Committee (COCOM) on aspects concerning the implementa-

tion of the emergency system 112 in Romania, by updating the questionnaire “On the implementation of 112 for the fifth data-gathering exercise”. Upon the publication of the European Commission Recommendation C(2011) 6269 on support for an EU-wide eCall service, ANCOM got involved in the implementation of the eCall pan-European project, i.e. a system that would allow for the vehicles equipped with the eCall telematics terminal to dial automatically the European single emergency call number 112, in case of severe incidents.

The ANCOM tasks, begun in 2011 and to be consolidated in the following years, consist of the elaboration of detailed rules for the operators of mobile public networks for managing the eCalls, by means of a continuous dialogue with the mobile network operators, the service providers and the public authorities, including the emergency services.

3.4 Universal Service

3.4.1 Universal Service in the electronic communications field

The universal service in the electronic communications field is the right of every European citizen to have access to a minimum set of electronic communications services, made available upon request, at affordable prices and at a certain quality level, irrespective of their geographic location on the territory of an EU Member State. In order to ensure this right

to all the EU citizens, the state needs to intervene where the access to the minimum set of communications services is not ensured by the market mechanisms.

3.4.1.1 Implementation of the National Strategy on the Universal Service in Romania

The need to harmonise the measures imposed by the new National strategy on the universal service implementation in the electronic communications sector, approved by Order of the Minister of Communications and Information Society no.461/2009, with the amendments under the European regulatory framework by their transposition into the Romanian legislation led to the necessity to review the provisions of Decision no.1074/2004 on the universal service implementation in the electronic communications sector, with the subsequent amendments and completions. Hence, following a public consultation process, ANCOM adopted Decision no.7/2011 on the universal service implementation in the electronic communications sector, published in the Romanian Official Journal, Part One, no. 39 of 17 January 2011. One of the main changes under

the new decision concerns the replacement of the measure of ensuring the access to the public telephone network, at a fixed location, by means of telecentres with the measure of ensuring access and connection - at a fixed location - to the public telephone networks and of access - at a fixed location - to the publicly available telephone services, at the household level.

Furthermore, the same normative act set the requirements which ensure the access to the public pay telephones by means of the universal service mechanisms. Thus, the availability of this service will be ensured exclusively in the areas where the demands cannot be satisfied under commercial conditions. As well, in the locations where the telephone services at

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mobile locations cannot be used (e.g. hospitals, penitentiaries) or, on the contrary, where the mobile public networks are overcharged (e.g. railway stations, airports), the access to the public pay telephones must be ensured as a part of the universal service.

Section 7 paragraph (4) under the National strategy on the universal service implementation in the electronic communications sector requires ANCOM to take measures in order to enable the disabled end-users to benefit from equivalent conditions to those offered to the other end-users as regards the access to the services within the scope of universal service, offering examples of such measures. In this regard, the Authority aims at ensuring an equivalent access, functionally speaking, so that the disabled end-users could be able to use the services within the scope of universal service as the other end-users, but through different means.

Consequently, ANCOM included in the normative act issued in 2011 a series of obligations that may be imposed on the universal service providers in order to ensure equivalent conditions of access to the communications services for the disabled users. Therefore, ANCOM will impose on the universal service providers the obligation to send the persons with visual impairment, upon request and free of charge, the contractual terms for the provision of services, the simple invoices or other promotional materi-

als printed with larger fonts, in Braille language, or by electronic mail in a format compatible with the majority of document reading programmes, to ensure easy access to their own working points for the persons with locomotor disabilities, to ensure access via SMS or text-relay to the single emergency call number, to ensure special tariff packages for the persons with speaking or hearing disabilities, to place public pay telephones in such a way as to make them permanently accessible for the persons with locomotor or sight disabilities, or to ensure, under certain conditions, the free access to the directory enquiry service for the persons who suffer from sight disabilities and thus are not able to consult the subscriber directory.

As well, ANCOM changed the way the net cost and its financing mechanism are determined, the amounts necessary for financing the universal service being therefore collected only after the net cost of the provision of services within the scope of universal service is determined.

As regards the procedure for designating the universal service providers, ANCOM decided to maintain the designation procedure by means of an open public tender, whereas the concrete designation period is to be established by ANCOM within each procedure to be organised.

3.4.1.2 Access and connection, at a fixed location, to the public telephone networks and access, at a fixed location, to publicly available telephone services

In accordance with the provisions of the ANCOM president's Decision no.7/2011, a survey was conducted in 2011 in order to identify the localities eligible for the designation of universal service providers in view of ensuring access and connection, at a fixed location, to the public telephone networks and access, at a fixed location, to publicly available telephone services. As a result of the survey, 30 localities with a population of approx. 2,100 people (about 0.01% of Romania's population) were identified as having no coverage with electronic communications services. The ANCOM survey revealed however that only 2 of the 30 localities registered requests for connection to fixed telephone services which could not be satisfied.

The same survey showed that there are 116 localities in Romania (0.84% of the total localities) where the providers of electronic communications networks and services cannot provide functional access to Internet, as defined this concept by the ANCOM Decision no.7/2011. These localities have a population of approx. 21,350 persons (about 0.10% of the total population).

Based on the results shown above, ANCOM will analyse the opportunity to designate universal service providers in view of ensuring access and connection, at a fixed location, to the public telephone networks and access, at a fixed location, to publicly available telephone services, as well as the most efficient ways to implement these obligations.

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3.4.1.3 Directory enquiry service and directory of subscribers

The directory enquiry service and the directory of subscribers are services included in the scope of universal service that aim at facilitating the end-users’ access to details such as the telephone or fax number or numbers of the business or residential users of prepaid or postpaid publicly available telephone services, who give their consent therefor.

As a result of the universal service providers’ failure to comply with some of the obligations incumbent on them, in March 2011, ANCOM decided to withdraw the capacity of universal service providers designated for the purpose of making available to the end-users a directory enquiry service and, respectively, an electronic subscriber directory from the providers S.C. Infoclick S.A. and S.C. Newsphone Hellas S.A., represented in Romania by Newsphone Hellas S.A. Athens Greece Bucharest Branch.

Nonetheless, since they continued to be providers of directory enquiry and subscriber directory services, ANCOM kept on verifying the compliance of the providers of publicly available telephone services assigning telephone numbers to the subscribers with the legal obligation to charge cost-oriented, objective, equitable and non-discriminatory tariffs from

the providers of directory enquiry services and subscriber directories who send the relevant information on their subscribers.

Taking into account that the market has, at this time, other two active providers of directory enquiry services and subscriber directories, ANCOM will analyse whether the market, through its own mechanisms, can ensure the provision of a directory enquiry service for all the end-users connected to a public telephone network, irrespective of the type of network and technology used, including for the users of public pay telephones and, respectively, whether there is a comprehensive subscriber directory available in printed or electronic format.

Where, following the analysis, the Authority finds it necessary to designate a new universal service provider for the provision of the directory enquiry service and subscriber directories, it will hold a new designation procedure.

3.4.1.4 Universal Service Fund

The Universal Service Fund was set up in 2004 and was mainly used for the universal service implementation by means of telecentres. 2011 was the fifth year in a row when the providers of public electronic communications networks and the providers of publicly available telephone services did not contribute to this fund, the amounts collected resulting from im-

position decisions previously issued. ANCOM manages the financial resources of the Universal Service Fund, highlighting them distinctly within its income and expenditure budget.

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Table 3.1 The provisions of the ANCOM budget as regards the amounts collected for the Universal Service Fund

Year	Amount provided in the budget (RON)
2004	57,941,000
2005	32,010,000
2006	32,100,000
2007	0
2008	0
2009	0
2010	0
2011	1,000,000

Table 3.2 Total amount of the Universal Service Fund, based on the imposition decisions issued by ANCOM

Year	Amount, pursuant to the imposition decision (RON)
2004	59,704,957*
2005	25,899,285
2006	30,804,478
2007	0
2008	0
2009	0
2010	0
2011	0
Total	116,408,720

Table 3.3 Total amount of the payments received to the Universal Service Fund

Year	Amount received (RON)		Disputed amounts (RON)
	Current year	Previous years	
2004	48,321,030.80	0	
2005	19,898,996.00	2,509,855.80	
2006	30,155,416.50	12,052,224.29	
2007	0	669,975.68	
2008	0	108,133.49	
2009	0	179,106.00	
2010	0	214,301.32	
2011	0	1,075,951.14	
Total	98,375,443.30	16,809,548.12	

Table 3.4 Amounts paid from the Universal Service Fund

Year	Amount paid (RON)
2004	0.00
2005	20,726,730.00
2006	8,184,683.45
2007	6,100,960.28
2008	1,723,677.24
2009	12,340,672.17
2010	988,979.58
2011	975,238.39
Total	51,040,941.11

*For 2004, the initial amount was RON 60,092,948 and was diminished by RON 387,991.00 by decision of the High Court of Cassation and Justice no.5572/22.11.2005.

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Table 3.5 Amounts paid from the Universal Service Fund

Year	Beneficiary	Amount (RON)	Reason
2004	-	0	-
2005	S.C. Orange Romania S.A. S.C. Romtelecom S.A. S.C. RCS & RDS S.A.	447,436.00 20,279,214.08 79.92	Telecentres Subscription subsidies Subscription subsidies
2006	S.C. Vodafone Romania S.A. S.C. Orange Romania S.A. S.C. Euroweb Romania S.A. S.C. Romtelecom S.A. S.C. Romtelecom S.A.	374,444.00 102,772.00 55,148.00 299,684.37 7,352,635.08	Telecentres Telecentres Telecentres Telecentres Subscription subsidies
2007	S.C. Rartel S.A. S.C. Orange Romania S.A. S.C. Vodafone Romania S.A. Radiocommunications National Company S.A.	2,575,253.00 378,217.60 959,617.00 2,187,872.68	Telecentres Telecentres Telecentres Telecentres
2008	S.C. Rartel S.A. Radiocommunications National Company S.A.. S.C. Orange Romania S.A.	108,234.00 1,226,607.04 388,836.20	Telecentres Telecentres Telecentres
2009	Radiocommunications National Company S.A. S. C. Accessnet International S.R.L. S.C. Rartel S.A. S.C. Vodafone Romania S.A.	3,477,490.29 6,605,730.88 648,954.00 1,608,497.00	Telecentres Telecentres Telecentres Telecentres
2010	S.C. Vodafone Romania S.A. S.C. Orange Romania S.A. Radiocommunications National Company S.A.	226,688.00 701,001.38 61,290.20	Telecentres Telecentres Telecentres
2011	Radiocommunications National Company S.A.	975,238.39	Telecentres

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3.4.2 Universal Service in the postal sector

The Universal Service in the postal sector ensures the right of each Romanian citizen to benefit from permanent access to postal services within the scope of universal service, at certain quality standards, at any point located on Romania's territory, at affordable tariffs.

Romanian Post National Company (CNPR) is the universal service provider in the postal sector designated by ANCOM for the period spanning from 26 April 2009 through 31 December 2012.

In its capacity as a universal service provider, the company has the obligation to provide throughout Romania the following postal services within the scope of universal service:

- a) the clearance, sorting, transport and delivery of the following categories of postal items, weighing up to (including) 2 kg:
 - 1. domestic and cross-border correspondence items;
 - 2. domestic and cross-border printed matter items;
 - 3. domestic direct mail items;
- b) the clearance, sorting, transport and delivery of domestic and cross-border postal parcels, weighing up to (including) 10 kg;
- c) the distribution of postal parcels weighing between 10 kg and (including) 20 kg sent from outside Romania to an address located in Romania;
- d) the service for registered postal items dealing with:
 - 1. the postal items provided for at letter a), weighing up to including 2 kg;
 - 2. domestic and cross-border postal parcels weighing up to (including) 10 kg;
- 3. postal parcels weighing between 10 kg and (including) 20 kg sent from outside Romania to an address located in Romania;
- e) the service for insured items having as object:
 - 1. the postal items provided for at letter a), weighing up to including 2 kg;
 - 2. domestic and cross-border postal parcels weighing up to (including) 10 kg;
- 3. postal parcels weighing between 10 kg and (including) 20 kg sent from outside Romania to an address located in Romania.

Early in 2011, CNPR presented to ANCOM a proposal to increase the tariffs charged for the postal services within the scope of universal service consisting of the clearance, sorting, transport and delivery of cross-border postal parcels weighing up to (including) 10 kg. The request for changing these tariffs was based on the development of certain elements beyond

the control of CNPR, respectively the terminal dues (expressed in Special Drawing Rights) charged by the postal administrations from abroad for external postal parcels in the priority and non-priority classes, as well as the level of the SDR/RON exchange rate. Upon analysing the CNPR proposal, all the information submitted by CNPR via its previous notifications and certain additional information requested by ANCOM, the Authority decided at mid-2011 to approve the change of the tariffs for the aforementioned services.

During 2011, ANCOM watched the way in which the process of monitoring the quality of the correspondence services in the fastest standard category provided by CNPR was carried out and analysed the CNPR quality report relating to the compliance with the quality requirements imposed by the ANCOM President's Decision no.293/2009 designating the universal service provider in the postal sector. According to art. 12 paragraph (1) under this Decision, CNPR has the obligation to ensure the delivery to addressees of the domestic items of correspondence weighing up to 2 kg from the fastest standard category, in compliance with the following quality objectives:

- a) 85% of the total number of such postal items will be delivered within maximum one working day from the submission date to the access points (Z+1);
- b) 97% of the total number of such postal items will be delivered within maximum two working days from the submission date to the access points (Z+2).

Upon analysing the CNPR quality report for 2010, submitted to ANCOM for approval in May 2011, the Authority found that the universal service provider delivered in 2010 only 52.6% of the total domestic correspondence items up to 2 kg from the fastest standard category within maximum one working day from the submission date, instead of 85%, and only 80.1% of the total domestic correspondence items up to 2 kg from the fastest standard category within maximum two working days from the submission date, instead of 97%.

Although CNPR did not comply with the imposed quality objectives in 2010, ANCOM assessed however a progress in terms of quality of the respective services as compared to the previous years. Considering the qualitative leap registered by CNPR, the regulatory authority decided to

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sanction the universal service provider with only a warning for non-observance of the quality objectives imposed.

At end-2011, ANCOM revised and communicated to CNPR and to the European Commission the List of localities characterised by exceptional geographical conditions where CNPR, in its capacity as a universal service provider, has reduced obligations as to the ensuring of access to the postal services within the scope of universal service.

In 2011, CNPR proposed ANCOM to add 5,417 localities to the List, among which:

- 106 localities with zero population;
- 5,281 localities with less than 400 inhabitants;
- 30 localities with more than 400 inhabitants, where the precarious infrastructure makes it difficult to reach them.

Finding that, in terms of postal traffic, a small number of inhabitants can generate high and non-justified costs in order to ensure the universal service, ANCOM established as an element of exceptionality a minimum limit of inhabitants, accepting to complement the List with all the locali-

ties having less than 10 inhabitants.

From the other localities proposed to be included in the List of localities characterised by exceptional geographical conditions only those localities where the exceptional character is given by the precarious infrastructure or by the geographical position were accepted.

Therefore, following verifications, ANCOM complemented the List elaborated in 2010 with 222 new localities identified as being characterised by exceptional geographical conditions, raising their total number to 604. In these localities, CNPR has the obligation to ensure every week at least two clearances from every access point and at least two deliveries to the home or premises of every natural or legal person residing within the built-up areas.

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In order to foster competition in the electronic communications market and to maximise the end-users’ benefits, ANCOM set the following objectives and priorities for 2011: review the relevant markets susceptible to ex ante regulation, reflect the specificity of the Romanian electronic communications sector in these analyses, contribute to the development of a

harmonised European regulatory framework, as well as turn operational and effectively implement the remedies imposed upon identifying the competitive deficiencies in this sector.

4.2 Electronic communications – main regulatory measures

With a view to promoting competition, in 2011 the Authority elaborated and consulted publicly, at national and European level, the draft measures for identifying, analysing and regulating the markets corresponding to the services of fixed call termination and to the services of mobile call termination.

was completed at the beginning of 2011 with the issuance of the decisions identifying the relevant market, respectively designating the provider with significant market power and imposing the due obligations on this provider.

As well, the process of identification, analysis and regulation of the markets corresponding to the services of leased lines-terminating segments

4.2.1 Services of call termination at fixed locations, respectively, at mobile locations on the public telephone networks

Subsequently to the public consultations carried out in 2011 and to the European consultation with the European Commission and the other European regulatory authorities in the communications sector, ANCOM adopted early in 2012 the *ANCOM President’s Decision no. 34/2012 identifying the relevant markets in the electronic communications sector corresponding to the services of fixed call termination, respectively mobile call termination* whereby the Authority identified the relevant wholesale markets of these services as being susceptible to ex-ante regulation. Furthermore, based on this decision, ANCOM issued the individual decisions on the designation of the providers with significant power on the identified markets and imposition of the corresponding obligations on these providers. By these decisions, the maximum fixed and mobile call termination rates are

to be cut in 2012 by more than 30%, in two stages.

Hence, the maximum interconnection rates in view of call termination charged by the 51 **fixed telephony operators**⁵ identified as having significant power in this market decreased initially to 0.82 eurocents/minute as of 1 March 2012, and are to be further reduced to 0.67 eurocents/minute as of 1 July 2012. The rates will no longer be differentiated by times of day.

Unlike the previous market analysis conducted in 2008, ANCOM included in this market the services of call termination to geographic numbers or to independent-location numbers by means of unmanaged VoIP.

⁵The providers of fixed call termination services identified as having significant market power are: S.C. A1 Telecom Network ISP S.R.L., S.C. Adisam Telecom S.A., S.C. Advanced Business Solutions International S.R.L., S.C. Aeroglobal S.R.L., S.C. Alizee Telecom Network S.R.L., S.C. Aqualogic S.R.L., S.C. Atlas Telecom Network Romania S.R.L., S.C. Canal S S.R.L., S.C. Cellebral S.R.L., S.C. Cobalt IT S.R.L., S.C. Combridge S.R.L., S.C. Connet-RO S.R.L., S.C. Contact Telecom S.R.L., S.C. Cosmote Romanian Mobile Telecommunications S.A., S.C. Dial Telecom S.R.L., S.C. Digicom Systems S.R.L., S.C. Digital Cable Systems S.A., S.C. Dotro Telecom S.R.L., S.C. Euroweb Romania S.A., S.C. GBA Network Group S.R.L., S.C. GTS Telecom S.R.L., S.C. Idilis S.R.L., S.C. Ines Group S.R.L., S.C. Internet Telecom S.R.L., S.C. Interpoint S.R.L., S.C. Intersat S.R.L., S.C. Iristel Romania S.R.L., S.C. Media Sat S.R.L., S.C. Necc Telecom Romania S.R.L., S.C. Net-Connect Internet S.R.L., S.C. Nextgen Communications S.R.L., S.C. Nobel Romania S.R.L., S.C. Orange Romania S.A., S.C. Prime Telecom S.R.L., Radiocommunications National Company S.A.; S.C. Rartel S.A., S.C. RCS & RDS S.A., S.C. Real Network and Telecommunications S.R.L., S.C. Romtelecom S.A., S.C. Telcor Communications S.R.L., S.C. Telefonet Comm Tech S.R.L., S.C. Telemax S.R.L., S.C. Telemobil S.A., S.C. Trans Tel Services S.R.L., S.C. UPC Romania S.R.L., S.C. Vialtex Prodcorm S.R.L., S.C. Vitanic Ro S.R.L., S.C. Vodafone Romania S.A., S.C. Volio Communications S.R.L., S.C. Voxility S.R.L., S.C. Voxline Communication S.R.L.

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As regards **mobile telephony**, the six operators identified as having significant market power – S.C. Cosmote Romanian Mobile Telecommunications S.A. (Cosmote), S.C. Orange Romania S.A. (Orange), S.C. RCS & RDS S.A. (RCS & RDS), S.C. Romtelecom S.A. (Romtelecom), S.C. Telemobil S.A. (Telemobil) and S.C. Vodafone Romania S.A. (Vodafone) – have the obligation to charge, from 1 March 2012, a maximum rate of 4.05 eurocents per minute for the services of call termination on mobile telephone networks. As of 1 September 2012, ANCOM will cut again the maximum mobile termination rates to 3.07 eurocents/minute.

The obligations imposed by the Authority on the operators identified as having significant power on the markets of fixed and mobile call termination services are: the obligation of allowing access to, and use of, certain specific network elements and of the associated infrastructure, the

obligation of transparency, the obligation of non-discrimination and the obligation of cost recovery and price control. Furthermore, the operators identified as having significant power on the markets of fixed and, respectively, mobile call termination services have the obligation to cost-orient their termination rates and the tariffs for the interconnection associated services.

4.2.2 Services of leased lines - terminating segments with the transmission capacity up to, including, 2 Mbps

By the *ANCOM President's Decision no.6/2011 identifying the relevant markets in the electronic communications sector corresponding to the services of leased lines-terminating segments, with the transmission capacity of up to (including) 2 Mbps*, ANCOM identified the relevant market in the electronic communications sector corresponding to the services of leased lines-terminating segments, with the transmission capacity of up to (including) 2 Mbps as susceptible to ex ante regulation.

Based on the analysed criteria, respectively the high market share and its evolution in time, the existence of high and non-transitory market entry barriers, lack of the buyer's countervailing power, by Decision no.15/2011, ANCOM designated Romtelecom as a provider with significant power on the market of services of leased lines-terminating segments with the transmission capacity of up to (including) 2 Mbps and imposed on this provider the obligation of allowing access to, and use of, certain specific network elements and of the associated infrastructure, the obligation of transparency, the obligation of non-discrimination, the obligation of separate accounts and the obligation of price control, including the tariff cost-ori-

entation obligation. Hence, the Authority established the requirements for achieving the interconnection for regulated leased lines-terminating segments, the maximum tariffs for the service provision, respectively the terms for the negotiation and implementation of the interconnection contracts for regulated leased lines-terminating segments. The level of the tariffs for the provision of these services was set based on the results of the bottom-up model for the calculation of the average long-run incremental costs developed by S.C. Deloitte Consultanța S.R.L. and Deloitte Business Consulting S.A. for ANCOM⁶.

Moreover, as regards the services of leased lines-terminating segments with the capacity higher than 2 Mbps, ANCOM decided to withdraw the obligations of transparency, non-discrimination, separate accounts, provision of certain services and granting of access to certain facilities, as well as price control, imposed on S.C. Romtelecom S.A., since there are no indications of the fact that this market is susceptible to ex ante regulation.

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⁶ The public version of the LRAIC+ model for ROMTELECOM access network is available at http://www.ancom.org.ro/audit-si-contabilitate_136 the methodological principles on the cost modelling for ROMTELECOM access network are accessible at http://80.96.175.14/uploads/articles/file/industrie/audit/rt%20acces_principii.pdf and the documentation of the model at http://80.96.175.14/uploads/articles/file/industrie/audit/rt%20acces_documentatie.pdf

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4.2.3 New decision on the reporting of statistical data by the providers of public electronic communications networks or publicly available electronic communications services

By Decision no.1167/2011, ANCOM amended some of the statistical indicators which must be reported by the providers of public electronic communications networks or of publicly available electronic communications services. The amendment of the indicators was imposed by the recent developments and trends in the Romanian and international electronic communications markets, by the emergence of new technologies and services, as well as by the need to detail certain categories of information corresponding to certain statistical indicators.

The providers offering fixed telephone services or services with limited mobility will report the number of subscribers and lines, respectively the revenues from the due subscriptions, itemised by category of customers (residential or business), by area where the access lines were installed (urban or rural), as well as by access technology. The traffic and the revenues will be reported, as well, by the category of customers who generated them, respectively residential or business users. All the providers of public networks offering access at a fixed location will report the number of cabled households, irrespective of the services they provide to the end-users (fixed telephony, Internet access, audiovisual programme retransmission), itemised by the support whereby the end-users are connected to the networks. Furthermore, they will report the level of territory and population coverage with terrestrial analogue radio, DVB-T and WiMAX networks.

The providers of **mobile telephone services** will report data on the coverage of territory/population by the types of networks employed (GSM, UMTS, CDMA etc.). As for the number of prepaid cards, the providers will need to report both the number of "valid" prepaid cards (prepaid cards which were valid at the end of the reporting period, including the ones in the period of grace) and of "active" prepaid cards (prepaid cards valid at the end of the reporting period and effectively used at least once during that timeframe).

Considering the necessity to monitor the evolution of the level of development of the **Internet access services**, ANCOM requires the providers of fixed Internet access services to report the number of connections itemised by five speed intervals, separately for each access technology, whereas the total number of connections will be reported distinctly and by area where these were installed (urban or rural).

The statistical indicators corresponding to mobile Internet access services will be reported separately, itemised by the support used for connection, i.e. telephone set / mobile terminal and, respectively, modems/cards/USB (directly on laptop/PC/another similar device), and by the technology used for connection, i.e. GSM/GPRS, EDGE, 3G, LTE, CDMA and EV-DO.

Moreover, the providers will report the data traffic for the Internet access and data transmission services in both fixed and mobile public networks.

The providers of electronic communications networks or services will report the aforementioned data by the **10th of August**, for the 1 January - 30 June period, and by the **10th of February**, for the 1 July - 31 December period of the previous year, except for the data concerning the revenues contained in annexes 1-14, respectively for the investment data, which are to be reported until the 31st of May of the following year.

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4.3 Major regulatory measures in the field of postal services – Philatelic Issue Plans, the issuance, printing, circulation, withdrawal and trading conditions for the postage stamps and postal stationeries

According to the provisions of art. 34 of the Government Ordinance no.31/2002 on postal services, approved with amendments and completions by Law no.642/2002, with the subsequent amendments and completions, *"The philatelic issue plans, the issuance, printing, circulation, withdrawal and trading conditions for the postage stamps and postal stationeries are set out by the regulatory authority."*

In accordance with these provisions, ANCOM adopted in 2011 the Decision no. 968/2011 on the Philatelic Issue Plan, the issuance, printing, circulation, withdrawal and trading conditions for the postage stamps and postal stationeries. The draft was elaborated and publicly consulted in 2010.

Considering the provisions of the legal framework in force, respectively the Government Decision no. 42/2004 assigning to the Commercial Company "Romfilatelia" - S.A. (Romfilatelia) the exclusive right to issue, put into circulation or withdraw, distribute and trade postage stamps and postal stationeries and the Order of the minister of communications and information technology no. 118/2004 obligating Romfilatelia to transfer the exclusive right to distribute and trade postage stamps and postal stationeries to CNPR, Decision no. 968/2011 imposes certain specific obligations on the two entities.

The Philatelic Issue Plan and the issuance, printing, circulation, withdrawal and trading conditions for the postage stamps and postal stationeries are technical documents, which must observe the general framework set by the normative act adopted by ANCOM.

Hence, in Decision no. 968/2011, the Philatelic Issue Plan is defined as the *"document issued every year, comprising the philatelic issuances to be put into circulation in the following year, their theme, calendar of issue, elements of issuances, minimum estimated run of each philatelic issuance, as well as any other relevant aspects for the putting into circulation of the philatelic issuance"*, and will be published by Romfilatelia on its own website. This

document can be amended or additions can be brought to it only under exceptional, thoroughly justified circumstances and upon the approval of ANCOM. The deadline by which Romfilatelia is to establish the issue plan for the following year and submit to ANCOM for approval is set for the 15th of September.

According to the provisions of the decision, in 2011, Romfilatelia sent ANCOM, in view of approval, the plan of the philatelic issuances put into circulation in the second half of the year, as well as the plan of the philatelic issuances to be put into circulation in 2012. Thus, following the process of approval of the philatelic plan for the July-December 2011 period and the analysis of the level of conformity of each philatelic issuance proposed to be put into circulation in the second half of 2011, ANCOM approved the issue of 15 issuances of the 17 proposed by Romfilatelia. As well, ANCOM received for approval, in September 2011, the first version of the draft philatelic plan for 2012. During the process of approval of the respective document, the draft suffered among others the following amendments:

- the plan was resized and was reduced to 23 philatelic issuances, plus 4 reserve issuances, under the conditions in which Romfilatelia made 33 proposals;

- the philatelic plan provides expressly that Romfilatelia may issue postal stationeries only upon the request of the universal service provider based on the latter's franking needs, when the philatelic issuance under the plan has in its composition a stamp worth 1 leu.

In order to bring into the attention of the interested persons the date and place due for the launch of the philatelic issuance, as well as its run, Romfilatelia will publish on its website a notice including all the mentioned elements.

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4.4 Resolution of disputes between providers

The administrative-jurisdictional procedure for the resolution by ANCOM of the disputes between the electronic communications providers is optional and free of charge.

The ANCOM work relating to the resolution of disputes between providers is currently regulated by the provisions of art. 116 and 117 of the Government Emergency Ordinance no. 111/2011 on electronic communications, published on 27 December 2011, as well as by the ANCOM president's Decision no. 480/2010 on the establishment of the procedure for the resolution of disputes within the competence of the National Authority for Management and Regulation in Communications, which are completed by the provisions of the Civil Procedure Code.

As for the persons who may address ANCOM for the resolution of disputes, these can be providers of electronic communications networks or services from Romania requiring ANCOM to settle a dispute arisen in relation to the obligations imposed on them by the provisions of the Government Emergency Ordinance no. 111/2011, by the European Union regulations in the electronic communications field or imposed by ANCOM in accordance with these provisions.

As well, ANCOM may settle disputes occurred between the providers of electronic communications networks or services in Romania and the persons acting as providers in other Member States of the European Union who request or benefit from access or interconnection on grounds of the Government Emergency Ordinance no. 111/2011.

As regards the procedure applicable for the resolution of a dispute arisen between the providers in the electronic communications field, the Government Emergency Ordinance no. 111/2011 has a series of provisions of procedural nature. The detailed procedure for the resolution of disputes is set by the provisions of the ANCOM president's Decision no. 480/2010. In accordance with the nature and complexity of the dispute, the president of ANCOM designates the specialists who are to make up the commission responsible for resolving the respective dispute. The Commission makes a preliminary analysis of the information provided by the parties and conducts the dispute resolution procedure. During this procedure, the Commission will continuously communicate with the parties and will

pursue the compliance with the principles of the right to defence, equality, rapidity, contradictoriness and active role.

In view of resolving the main issue of the dispute, the Commission may invite the parties to a series of meetings, their number depending on the complexity of the cause. After analysing all the information and after hearing all the views in the respective cause, if the main issue of the dispute is settled, the Commission draws up a preliminary solution which is communicated to the parties. Within 10 days after communicating the preliminary solution, any of the parties may submit a request to the Commission with a view to reconsidering the solution proposed. Where a reconsideration request was submitted, the Commission communicates the request to the other party, so the latter could send comments within 5 days from the communication date. Once the procedure completed, the Commission submits to the president of ANCOM a report including the proposals for the resolution of the dispute. With a view to resolving the dispute, the president of ANCOM issues a decision, which may be appealed to the Bucharest Court of Appeal – Contentious Administrative Division, within 30 days from the communication date, without going through the preliminary procedures provided for in Article 7 under the Contentious Administrative Law no. 554/2004, with the subsequent amendments and completions. In justified cases, ANCOM may decide the repair of the patrimony prejudice effectively suffered.

Furthermore, under exceptional circumstances, when a party may suffer serious prejudice which, in the absence of certain provisional measures, could not be properly repaired in the hypothesis of resolving the main issue in favour of the party requesting the establishment of such measures, the party concerned may require ANCOM to establish provisional measures in view of preventing the occurrence of prejudices or of limiting their extension. The provisional measures will be set by the president of ANCOM by way of a reasoned decision, within 30 days from the submission date of the request.

The time frame for resolving the dispute is 4 months from the registration date of the complaint with ANCOM. Under exceptional situations, for the proper resolution of the dispute, this time frame may be extended by decision of the ANCOM president.

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4.4.1 Disputes resolved in 2011

In 2011, ANCOM resolved 10 disputes. Six of these complaints were lodged at the end of 2010.

In three disputes, the complaints submitted by the plaintiffs were withdrawn as a result of the negotiations that the parties carried out during the dispute resolution procedure. In the case of another dispute, ANCOM assessed the lapse of proceedings, upon the plaintiff's will.

For the disputes settled in 2011, the average dispute resolution time frame was seven months (considering the large number of disputes lodged and the simultaneous allocation of human resources for several projects, on the one hand, and the repeated requests of the parties to postpone the debates in order to be able to reach an understanding, on the other hand). Two of the dispute resolution decisions issued by the ANCOM president in 2011 were appealed to the Bucharest Court of Appeal, Contentious Ad-

ministrative Division. One of these disputes is being solved and in the second one the plaintiff waived the court action.

In general, the providers' complaints referred to issues concerning the interconnection between the networks operated by the parties, i.e. the tariffs charged for the interconnection associated services, the tariffs charged for the service of fixed call termination on the providers' individual networks, as well as the provision to the other providers of the subscriber databases.

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5.1 Objectives and priorities in 2011

ANCOM's main concern in this field is to ensure that the management of the scarce resources within its scope of competence (the radio spectrum, the technical resources and the numbering resources) fosters the development of the electronic communications market and enhances competition, while allowing the implementation and roll-out of new technologies and incentivizing investments in the communications infrastructure, to the benefit of the end-users. Moreover, ANCOM pursues to provide for serving the public, social and national defence interests, as well as for ensuring maximum benefits for the users of scarce resources, may they be providers of electronic communications networks and/or services, private operators or end-users.

To this end, the Authority permanently envisages:

- the effective, efficient, rational and harmful interference-free use of the radio spectrum;
- the identification and designation of additional frequency bands for new technologies and services, as well as for the development of the existing ones;
- making available harmonised frequency bands for pan-European electronic communications services;
- increasing the number of applications that allow the free, licence-exempted use of frequencies, while ensuring the radio-electric compatibility with the networks and systems using lawfully the radio spectrum;
- ensuring the adequate numbering resources and technical resources for the provision of electronic communications services and the operation of public electronic communications networks;
- the effective and efficient use of the numbering resources;
- a more efficient number porting process.

2011 was an important year in the frequency spectrum field. This year we celebrated 20 years since the setting up in Romania of the first institution

responsible exclusively for the management of the radio spectrum with non-governmental use, namely the Inspectorate General for Radiocommunications.

At the same time, the licences for the use of the spectrum in the 900 MHz and 1800 MHz frequency bands of the main two mobile telephony operators, Orange and Vodafone, expired in 2011. Therefore, 2011 was dedicated primarily to the analyses, consultations and strategic planning in the frequency spectrum field, in the context of the expiry of the two licences and of the amendment of the European and Romanian relevant regulatory framework. The main challenge concerned the choice between the extension of the validity of the rights to use the frequencies awarded under the existing licences and the auctioning of these spectrum resources so that the limited resource could be allocated efficiently, to the benefit of the end-users, companies and national budget.

The debate on this topic ended in the last week of the year with the decision to extend with one year the frequency usage rights and to organise an auction for the rights to be held for another 15 years, correlating the expiry terms of the licences in the 900 MHz and 1800 MHz bands with those of the licences for other important spectrum resources in the same frequency bands, to enable the operators to enjoy predictability and opportunity to obtain usage rights for all the resources necessary for the development of a modern and viable network.

Moreover, taking into account the difficult economic environment, ANCOM cut by 15% the tariffs for the use of spectrum for 2011 and 2012 and decided, for the second year in a row, not to charge the monitoring tariff owed by the operators. The objective of this measure was to encourage the investments in the electronic communications field, since the revenue drops in the market are reflected to a certain extent in the operators' capacity of investment.

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5.2 Efficient management of scarce resources - main regulatory measures

5.2.1 Extension of validity of the radio frequency usage rights in the 900 MHz and 1800 MHz bands

Following a complex process of analysis and public consultation, ANCOM adopted *Decision no. 1816/2011 on awarding the radio frequency usage rights in the 880-915 MHz/925-960 MHz, respectively 1710-1747.5 MHz/1805-1842.5 MHz bands*, which provides among others the extension of the usage rights in these bands for the two operators whose licences were due to expire at end-2011. Hence, in order to ensure continuous provision of mobile communications services, ANCOM has decided to extend the licences of Orange and Vodafone until the 31st of December 2012, while the new licences are to be awarded through a competitive selection process and will enter into force on the 1st of January 2013, for the bands currently owned by Orange Romania and Vodafone Romania and, respectively, on the 6th of April 2014, for the bands currently owned by Cosmote.

For the licences to be extended, Orange and Vodafone paid each to the state budget a licence fee amounting to EUR 6.4 million, a value that is proportionate to the amounts paid for obtaining the licences in 1996, computed by ANCOM by indexing the historical values of the licences.

The normative act established the organisation of an auction procedure for all the radio frequencies available in the 900 MHz and 1800 MHz bands, which are currently used by Cosmote, Orange and Vodafone, as well as for the frequencies in the 800 MHz and 2600 MHz bands, partially used by the Minister of National Defence (MApN).

The solution of awarding the radio spectrum rights in the 900 MHz and 1800 MHz bands by a competitive selection procedure, which are to become effective after the expiry of the rights already held, is in full concordance with the provisions of the relevant European legislation referring to the award of the radio spectrum resource, as well as with the national legislation. Moreover, the chosen solution offers equal chances to the operator that does not currently hold usage rights in the 900 MHz and 1800 MHz bands.

5.2.2 Elaboration of the strategy for the development of BWA services in 790-862 MHz, 1747.7-1785 MHz frequency bands paired with 1842.5-1880 MHz and 2500-2690 MHz bands

In 2011 ANCOM took all the necessary steps for the MApN release of the 830-862 MHz, 1747.5-1785 MHz, 1842.5-1880 MHz and 2500-2690 MHz radio frequency bands. These bands, which are now under partial governmental use by MApN, are to be auctioned by ANCOM in 2012 in view of the provision of broadband electronic communications services. In this regard, ANCOM and MapN, as initiators, have submitted to public consultation the draft Emergency Ordinance on the release of the 830-862 MHz, 1747.5-1785 MHz, 1842.5-1880 MHz and 2500-2690 MHz frequency bands, at the beginning of 2012.

The MApN release of these bands means changing the destination and refarming these bands, and this is only possible upon shifting the existing applications (military radio-electric systems allocated to the aeronautical radionavigation services, radiocommunications for the command and control of military forces and the surveillance of Romania's airspace) to other radio frequency bands.

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5.2.3 Elaboration of the strategy for the development of BWA services in the 3400 – 3800 MHz band

In 2011 the Authority elaborated the *Strategy on the national implementation and development of BWA systems in the 3400 – 3800 MHz frequency bands in the 2011 – 2020 timeframe*, a document which establishes the principles, conditions, procedure of awarding the rights to use the spectrum in this band for broadband wireless services, as well as its refarming method. The strategy aims at avoiding the risk of wasting or excessively fragmenting the radio spectrum allotments, as well as at ensuring the principle of technological neutrality and attracting on the Romanian market competitors that hold the necessary financial, technical and administrative capacities in order to quantify to the largest extent the potential of these frequency bands.

Further to the consultations with the industry representatives, ANCOM decided that the beauty contest procedure for awarding **national licences** in the 3410 – 3800 MHz band would start in 2014. The beauty contest will take place in two phases: a *preliminary phase* during which the tenders will submit to the Authority final intention requests for the acquisition of a licence in the 3.5 GHz band or of a licence in the 3.7 GHz band, and an *actual selection* phase that will take into account the outcomes of the first phase and will take place only if the number of requesters exceeds the number of licences available in these bands. If the number of requesters is lower or equal to the number of available licences, the tenders will no longer be assessed and the licences will be directly awarded to the requesters.

The **county licences** will be also awarded in 2014, when ANCOM will allot in each county, by beauty contest, licences for the use of radio frequencies for the provision of wireless broadband electronic communications public networks and services.

The national licences will be awarded for a 10-year period and will encompass minimal coverage obligations, on development phases of 1 year, 3 years and 5 years from the issuance date. The county licences will be awarded for a 10-year period and will encompass minimal coverage obligations, on development phases of 1 year, 2 years and 3 years from the issuance date. The coverage obligations will include the priority coverage of a certain share of the low urban areas (resulted in the number of cities which has to be covered).

ANCOM decided to extend until 31 December 2015 the validity of the licences for the use of radio frequencies awarded, at a national level, in the 3410-3800 MHz frequency band, and thus the operators will have the right to use the new national licences, awarded by selection procedure, from 2016. Further on, via these frequency bands, the operators will be able to provide data transmission services (Internet access services, VPN, videoconference services etc.).

Following the public consultation of the Strategy Paper (June-July 2011), ANCOM decided that further analyses and debates are required before taking a decision on the technical matters under the Strategy Paper which are related to the object of a CEPT/ECC decision, which was to be issued at the end of 2011 and aimed at adopting a new radio channel arrangement for the 3400 – 3800 MHz frequency band. This new arrangement relied on completely different technical principles as opposed to the current channel arrangement considered in the paper subjected to public consultation. Upon clarifying these aspects, the Strategy Paper will be reviewed and submitted to a new public consultation procedure, when only the issues related to the new channel arrangement for the 3400-3800 MHz frequency band to be adopted by CEPT/ECC will be tackled, among the most important being: the number of licences to be awarded (in direct liaison with the radio spectrum amount to be allotted under the either national or county licence), the method of refarming the frequency band and the maximum amount of radio spectrum that may be held by each operator licensed in the concerned frequency band.

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5.2.4 Review of regulations referring to numbering resources

In 2011, the Authority adopted *Decision no. 1382/2011 amending and completing certain regulations in the field of numbering resources and technical resources*, which amends a number of normative acts issued by ANCOM in the field. In relation to the numbering resources provided for in the National Numbering Plan (NNP), the aforementioned decision clarified the conditions for the use of location-independent numbers.

The new decision clarified the conditions for the use of location-independent numbers and introduced a series of amendments and completions to the procedure of granting licences for the use of numbering resources (LURN) and of obtaining the prior consent in case of transferring these licences. The decision simplifies the analysis phase taking place at the reception of a request for the granting of a licence for the use of numbering resources, by removing the analysis phase within an internal commission of the Authority. In order to level the requirements applicable where additional resources are requested with the case where the transfer of an already allotted numbering resource is required, a provision was introduced to enable ANCOM to refuse the issuance of the prior agreement, if the transferor or the transferee has due debts to the Authority corresponding to the tariff for the use of the allotted numbering resources.

As well, the decision extended the time frame during which Romtelecom can use the 1951 and 1958 numbers under the conditions existing prior to the entry into force of this normative act.

Concerning the management of the technical resources, the decision envisages updating the provisions regarding the routing numbers, as a result of amending the technical procedures employed by the providers for routing the calls, after the number portability implementation. According to the new provisions, the routing numbers can also be allotted to the providers of electronic communications services that hold a licence for the use of the numbering resources in the categories of portable numbers, not only to the providers that are acceptor providers.

As for number portability, this decision created the premises for reducing the maximum porting term from 10 to 3 working days.

5.3 General authorisation of the providers of electronic communications networks and services and of postal services

5.3.1 General authorisation of the providers of electronic communications networks and services

The general authorisation of the providers of electronic communications networks and services was carried in 2011 pursuant to the provisions of Decision no. 338/2010, but this normative act is to be reviewed in 2012 in view of harmonisation with the new legal framework for electronic communications which became effective at end-2011.

As of 31 December 2011, the ANCOM Public Record of Providers was registering a total of 1,639 persons authorised to provide electronic communications public networks or publicly available electronic communications services, increasing by 7.6% as compared to 2010. More specifically, the number of persons who had the right to provide electronic communications public networks grew by 19%, the number of persons authorised

to provide publicly available electronic communications services rose by 12% and the number of persons authorised to provide Internet access services increased by 8.4%.

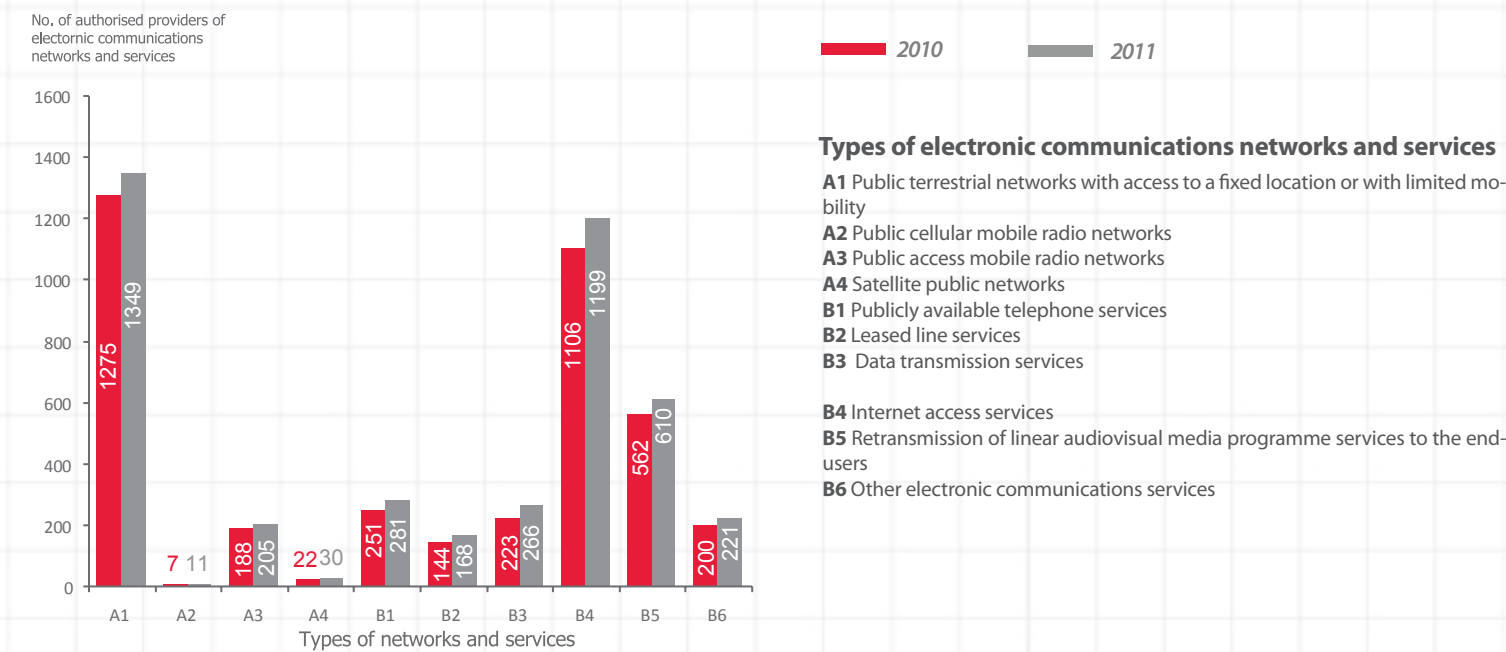
The explanation of this positive evolution resides mainly in the fact that the persons whose capacity as providers ceased under the law, as a result of the failure to comply with the term of 31 December 2010 imposed by Decision no. 338/2010, delayed in initiating the steps necessary for the reauthorisation. Hence, the total number of providers actually grew by only 3%.

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Table 5.1 Providers of electronic communications networks and services as of 31 December 2011



5.3.2 General authorisation of the providers of postal services

The general authorisation regime applicable to the postal service providers is set by Decision no. 2858/2007, with the subsequent amendments and completions.

As of 31 December 2011, the ANCOM Public Record was registering a total number of 346 postal service providers, down by 25.6% as compared to 2010, out of which 323 persons had the right to provide postal services within the scope of universal service and 334 persons were authorised to provide postal services outside the scope of universal service.

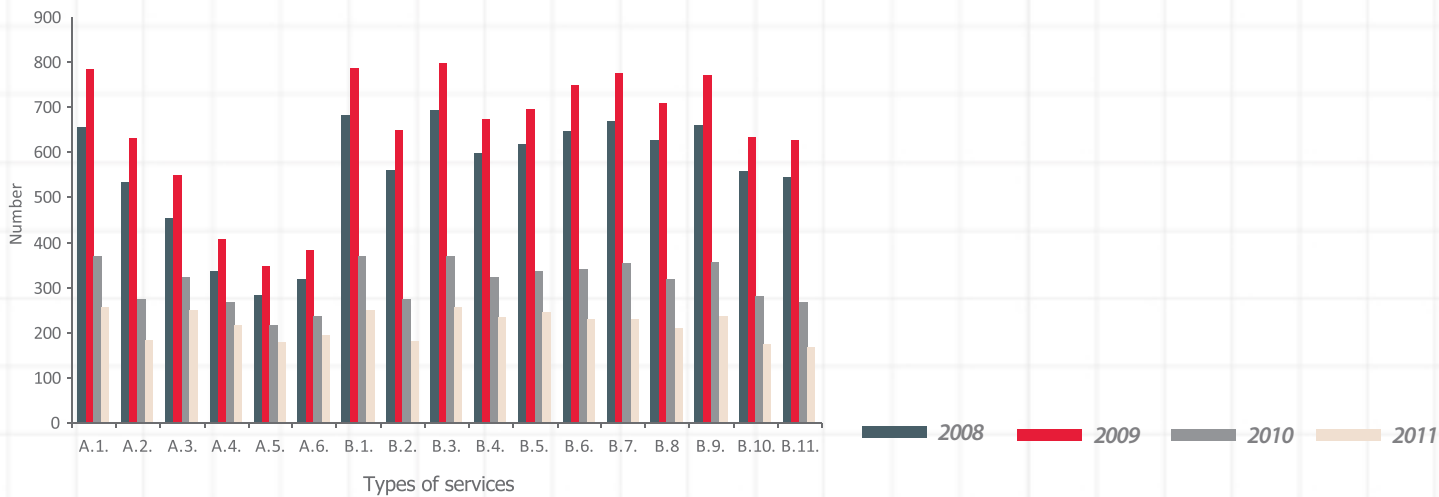
Despite the significant fall of the number of postal service providers as compared to the previous year, neither the coverage level or territorial distribution of the postal market (about 1,000 alternative access points and over 500 contact points have been notified, in addition to those held by the universal service provider) nor the diversity of the offer of postal services were harmed, considering that the postal market has come to maturity and has managed to consolidate the competition.

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Table 5.2 Postal providers as of 31 December 2011



Types of postal services

A.1. Clearance, sorting, transport and delivery of postal items up to 2 kg (correspondence items, printed matter items)

A.2. Direct mail dealing with postal items up to 2 kg

A.3. Clearance, sorting, transport and delivery of postal parcels up to 10 kg

A.4. Distribution of postal parcels up to 20 kg sent outside Romania to an address located on its territory

A.5. Service for registered items dealing with postal items up to 2 kg or postal parcels up to 10 kg, respectively postal parcels weighing between 10 and 20 kg sent from abroad to an address located in Romania

A.6. Service for insured items dealing with postal items up to 2 kg or postal parcels up to 10 kg, respectively postal parcels weighing between 10 and 20 kg sent from abroad to an address located in Romania

B.1. Services dealing with postal items above 2 kg (items of correspondence, printed matter items)

B.2. Direct mail service dealing with postal items above 2 kg

B.3. Services dealing with domestic postal parcels weighing between 10 and 50 kg

B.4. Services dealing with postal parcels weighing between 10 and 50 kg sent from Romania to an address located abroad

B.5. Services dealing with postal parcels weighing between 20 and 50 kg sent from abroad to an address located on the territory of Romania

B.6. Pay-on-delivery

B.7. Change of destination

B.8. Special delivery

B.9. Confirmation receipt

B.10. Express Service

B.11. Document exchange

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5.4 Radio spectrum management

Radio spectrum is a scarce natural resource, required in view of providing electronic communications networks and services; therefore, the effective management of this resource has a strategic importance for ensuring its optimum usage, in view of best serving the public, social and national defence interest.

ANCOM updated in 2011 the National Table for Frequency Band Allocation (NTFA), 2009 edition (approved by Order of the Minister of Communications and Information Society no. 789/11.11.2009), amended in 2010 (by Order of the Minister of Communications and Information Society no. 701/30.07.2010). The NTFA is the document planning the use of the radio spectrum at a national level and is adopted by Government Decision, upon the proposal of ANCOM, as provided in the new regulatory framework for electronic communication in Romania, adopted by Government Emergency Ordinance no. 111/2011.

The amendments made in 2011 to the NTFA, approved by the ANCOM president's Decision no. 1640/2011, mainly concerned:

- the implementation by means of the NTFA of certain decisions of the European Commission on radio spectrum harmonisation, issued in 2010 and in 2011, respectively Decision 2010/368/EU amending Decision 2006/771/EC on harmonisation of the radio spectrum for use by short-

5.4.1 Radiocommunications in the land mobile service

In the field of radiocommunications in the land mobile service, ANCOM manages the non-governmental frequency bands allocated to this service through the NTFA. The Authority pursues three major objectives in the management of the non-governmental radio spectrum allocated to the land mobile service:

- ensure radio-electric compatibility between the radiocommunication networks that use radio frequencies in the non-governmental radio spectrum allocated to the land mobile service;
- reasonable and efficient use of the non-governmental radio spectrum allocated to the land mobile service;
- prevent harmful interferences in the authorised land mobile radiocommunication networks.

range devices and Decision 2011/251/EU aiming at the harmonisation of the 900 MHz and 1800 MHz frequency bands for terrestrial systems capable of providing pan-European electronic communications services in the Community;

- the alignment of the NTFA provisions for the 27.50–29.50 GHz frequency band as regards the allocations for the fixed and fixed-satellite services to the actual case (where the two services can use the entire frequency band in geographic sharing, without restrictions as to the band segmentation).

For the categories of radio frequencies whose use is free, ANCOM issued Decision no. 1722/2011 on the radio frequencies or radio frequency bands exempted from licensing, as well as the RO-IR technical specifications regulated by this decision which define the technical requirements which the radio equipment must fulfil in order to be used.

The elaboration of the RO-IR technical specifications and their notification to the European Commission is an obligation of the EU Member States in accordance with art. 4.1 of Directive 1999/5/EC of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

In the field of professional mobile radiocommunications for private use, serving the internal needs of the organisations, in 2011, the Authority issued:

- 403 new licences for the use of radio frequencies for private use radiocommunication networks – professional mobile radiocommunications (PMR);
- 406 frequency assignment authorisations, which are annexes to the licences for providing private use radiocommunication networks – professional mobile radiocommunications (PMR).

The specific users of professional mobile radiocommunication (PMR) networks are both small entrepreneurs and big companies operating in various sectors of the national economy which require their own ra-

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diocommunication networks. The beneficiaries of such radio applications for which licences for the use of frequencies have been issued are companies that operate in various sectors, such as: industry, manufacturing, transport and supplying of public utilities on a national level, transports, public construction and civil works, agriculture, hydrographical network management, safety and security of persons and of private property, public protection, public health, public management services etc.

As regards the provision of networks and/or services of radiocommunications in the land mobile service, the Authority also issued in 2011:

- 218 temporary licences for the use of radio frequencies for providing public access mobile radiocommunication (PAMR) networks and services and professional mobile radiocommunication (PMR) networks;
- 219 radio frequency assignment authorisations, which are annexes to the temporary licences for the use of radio frequencies for providing public access mobile radiocommunication (PAMR) networks and services and professional mobile radiocommunication (PMR) networks.

The holders of licences for the use of radio frequencies in view of providing public access mobile radiocommunication (PAMR) networks and services are public operators that provide mobile communications services to certain professional user categories or dedicated groups of users.

In ensuring the ongoing management of the licences for the use of radio frequencies and of the frequency assignment authorisations, in 2011 the Authority amended, upon the holders' requests, 391 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services, as well as 659 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies, of which:

- 82 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Authority's Executive Division for Radio Spectrum and Numbering Management;
- 93 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Authority's

Executive Division for Radio Spectrum and Numbering Management;

- 58 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services, respectively 97 frequency assignment authorisations, which are annexes to the licences – extended by the Bucharest Regional Division;
- 5 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Bucharest Regional Division;
- 28 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks, and public access mobile radiocommunication (PAMR) networks and services – amended by the Bucharest Regional Division;
- 77 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services and, respectively, 147 frequency assignment authorisations, which are annexes to the licences – extended by the Cluj Regional Division;
- 11 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Cluj Regional Division;
- 71 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Cluj Regional Division;
- 30 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services and, respectively, 41 frequency assignment authorisations, which are annexes to the licences – extended by the Iasi Regional Division;
- 12 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Iasi Regional Division;

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- 40 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Iasi Regional Division;
- 81 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services and, respectively, 94 frequency assignment authorisations, which are annexes to the licences – extended by the Timis Regional Division;
- 35 licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Timis Regional Division;
- 48 frequency assignment authorisations, which are annexes to the licences for the use of radio frequencies for providing professional mobile radiocommunication (PMR) networks and public access mobile radiocommunication (PAMR) networks and services – amended by the Timis Regional Division.

At the end of 2011, ANCOM also modified the licences granted in the 890-915 MHz/935-960 MHz and 1722.7-1747.5 MHz/1817.7-1842.5 MHz bands to the operators Orange and Vodafone, in the sense of the temporary extension until 31.12.2012 of the validity of the usage rights in these bands, in the context of the expiry of the licence validity period as of 31.12.2011. In the international coordination of the use of radio frequencies allocated to the land mobile service with the communications administrations of the neighbouring countries, i.e. Hungary and Ukraine, the Authority pursued the following major objectives:

- compliance with the provisions of the HCM Agreement (2010 edition) regarding the coordination of frequencies in border areas, and of other international agreements or protocols in which Romania is a party, which concern the radio spectrum use in the land mobile service;
- internal coordination with the government institutions as regards frequency use in the frequency bands with governmental use or in the frequency bands with shared governmental/non-governmental use;
- protect the national interests as regards the use, in border areas, of the radio spectrum allocated to the land mobile service;
- prevent harmful interferences in the land mobile radiocommunication

networks operating in border areas. During 2011, the activities conducted pursuant to the above-mentioned objectives resulted in:

- 164 internal frequency coordination actions as regards the bands with governmental use or with governmental/non-governmental shared use allocated to the land mobile service;
- 424 international frequency coordination actions, upon the requests of the communications administrations in the neighbouring countries, i.e. Hungary and Ukraine, in the land mobile service;

Moreover, the Authority answered the frequency assignment requests transmitted, through the Ministry of Foreign Affairs, by foreign diplomatic missions accredited to Bucharest, on the occasion of the high-level official visits to Romania, issuing 42 temporary frequency assignments therefor in the land mobile service, during 2011.

The international activity in the field of spectrum management in the land mobile service resulted also in the participation of the Authority's specialists in the meetings of the Working Subgroup for the land mobile service (SWG-MS) of the Technical Working Group under the HCM Agreement (TWG-HCM). Considering the obligations of the Romanian communications administration as a signatory party in the HCM Agreement, as well as the Authority's attributions regarding the enforcement of the international agreements in the electronic communications field in which Romania is a party, the Authority took an active part in the sessions of the working group mandated to review the Agreement, supporting Romania's position as regards the frequency coordination in border areas in the land mobile service.

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5.4.2 Radiocommunications in the fixed service

As a reference point in the fixed service, we wish to specify that in 2011 the Authority finalised and submitted to public consultation the Strategy Paper on the national implementation and development of BWA systems in the 3.5 GHz (3410-3600 MHz) and 3.7 GHz (3600-3800 MHz) bands for the 2011 – 2020 period. Further details on this matter have been presented at section 5.2.3 herein.

In its day-to-day activity in the field of radiocommunications in the fixed service, the Authority allocates and assigns radio frequencies for the radiocommunication networks in the fixed service, ensures – upon necessities – the coordination of radio frequencies in the frequency bands allocated to the fixed service with the neighbouring communications administrations, in accordance with the relevant international agreements in which Romania is a party, and grants licences for the use of radio frequencies, respectively frequency assignment authorisations for the provision of fixed and nomadic wireless electronic communications public networks and services, and for the private use of various operators.

Radiocommunications in the fixed service comprise all the types of civil radiocommunications operating in the radio frequency bands with non-governmental use or shared (non-governmental/governmental) use, allocated to the fixed service according to the NTFA.

Pursuant to the procedure in force on the licensing of the rights to use the radio spectrum, in 2011, ANCOM granted:

- 7 licences for the use of radio frequencies and 14 radio frequency assignment authorisations, for permanent radio transmissions;

5.4.3 Sound and TV radio broadcasting and electronic communications networks for the broadcast-retransmission of audiovisual programmes

In view of encouraging the transition to digital broadcasting, ANCOM granted in 2011 a number of agreements for the carrying out of certain trials of last generation digital terrestrial television DVB-T2, as well as for a sound radio broadcasting in Bucharest in analogue-digital hybrid system. Despite of the fact that the current European and national context imposes a focus on the activity towards digital radio broadcasting technologies,

- 16 licences for the use of radio frequencies and 16 radio frequency assignment authorisations, for experimental radio transmissions;
- 3 licences for the use of radio frequencies and 4 radio frequency assignment authorisations, for temporary radio transmissions;
- 9 prior agreements, containing frequency assignments for 27 radiorelay lines grouped in complex networks intended for voice/data transmissions;
- 16 prior agreements for modulation lines corresponding to sound or TV radio broadcasting transmitters.

Furthermore, during 2011, the Authority processed notifications for 2,636 radiorelay lines in the national wireless infrastructure networks (5,272 radiocommunication stations – together with as many frequency assignments registered in the National Register of Frequency Assignments). These infrastructure networks ensure the transport of the traffic generated on the cellular mobile telephone networks using various technologies: GSM900, UMTS900, DCS1800, UMTS1800, IMT-2000/UMTS (3G) etc., as well as on the public multipoint networks for data transmissions (FWA, BWA).

a large share of the Authority's regular activity in the field consists of the management of the radio broadcasting and analogue television bands. Furthermore, the Authority sustained the radio broadcasters' activity by answering to the numerous requests for amending the broadcasting parameters to improve the offered coverage and ensure the public's access to a wide range of programmes.

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Part of the activity focused on the issue of radio spectrum management for the retransmission of audiovisual programmes over the MMDS systems (Multipoint Multichannel Distribution System). Taking into account the development of fibre optic communications, this year further witnessed many operators abandoning MMDS in the areas where fibre optic was an alternative, without minimising though the efficiency of this system in the rural, remote areas.

Out of the **435** licences for the use of frequencies for MMDS, **29** such licences were withdrawn in 2011, and **331** withdrawals were registered during 2004 – 2010, hence only **75** MMDS licences are currently valid. The Authority issued in 2011 the following documents:

Television

- **2** new broadcasting licences
- **145** amended broadcasting licences, out of the **237** existing broadcasting licences; and settled
- **213** requests for digital television coordination received from other administrations
- **3** agreements on amending the technical parameters

The **Bucharest Regional Division** issued **3** new technical authorisations and amended other **43** technical authorisations out of the **233** existing technical authorisations. As well, **7** stations required technical measurements, in view of the issuance of the technical authorisation.

The **Cluj Regional Division** issued **25** new technical authorisations and amended other **22** technical authorisations out of the **264** existing technical authorisations. **29** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

The **Iasi Regional Division** issued **18** new technical authorisations and amended other **82** technical authorisations out of the **162** existing technical authorisations. **25** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

The **Timis Regional Division** issued **19** new technical authorisations and amended other **8** technical authorisations out of the **182** existing technical authorisations. As well, **23** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

Sound radio broadcasting

- **13** new broadcasting licences
- **319** amended broadcasting licences, out of the **921** existing broadcasting licences; and settled
- **764** requests for radio broadcasting coordination received from other administrations
- **78** agreements on amending the technical parameters

The **Bucharest Regional Division** issued **24** new technical authorisations and amended other **110** technical authorisations out of the **297** existing technical authorisations. As well, **34** stations required technical measurements, in view of the issuance of the technical authorisation.

The **Cluj Regional Division** issued **3** new technical authorisations and amended other **99** technical authorisations out of the **270** existing technical authorisations. **39** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

The **Iasi Regional Division** issued **7** new technical authorisations and amended other **99** technical authorisations out of the **191** existing technical authorisations. **34** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

The **Timis Regional Division** issued **4** new technical authorisations and amended other **93** technical authorisations out of the **155** existing technical authorisations. As well, **22** stations required technical measurements for verifying the compliance with the parameters under the licences and standards.

MMDS

- **5** new licences for the use of frequencies and 5 new frequency assignment authorisations for providing electronic communications networks;
- **6** amended licences for the use of frequencies and 8 amended radio frequency assignment authorisations for providing electronic communications networks.

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5.4.4 Radiocommunications in the fixed and mobile satellite services

At end-2011, ANCOM was managing **21 licences for the use of radio frequencies in the fixed satellite service** (5 of which for public or private satellite networks, providing for the transmission of data, voice and Internet services, and the rest - for individual VSAT terminals) and **2,147 radio frequency assignment authorisations for HUB stations and Very Small Aperture Terminals (VSAT)** belonging to the architecture of such networks.

Another important segment of fixed satellite communications is the uploading to the satellite of sound and/or TV programme radio broadcasting, in view of their controlled distribution (e.g.: to CATV networks or terrestrial transmitters for sound or TV broadcasting) or for the purpose of direct broadcasting to the public. By the end of 2011, ANCOM granted **29 licences for the use of frequencies for satellite stations destined to uploading sound and/or TV radio broadcasting programmes**, serving 131 radio and television programme services.

An important rearrangement of the Romanian market of satellite television services offered by the **operators of the DTH** (direct-to-home) **individual direct reception platforms** took place in 2011. In this particular year, Romtelecom took over the AKTA TV network from Digital Cable Systems, as well as the Boom TV network from DTH Television Grup and, hence, at the end of 2011, this market was shared between two operators of DTH platforms: **RCS&RDS (Digi TV)** and **Romtelecom (Dolce TV)**.

For nomadic DSNG (Digital Satellite News Gathering), stations destined to occasional, temporary transmissions towards the studio of reportages, news, cultural/sports events and of other audiovisual productions from outside the studios, ANCOM was managing, at the end of 2011, **49 frequency assignment authorisations for the 14 operators holding licences for the use of frequencies for the purpose of SNG applications**.

Furthermore, ANCOM issued **4 temporary licences for the use of frequencies for Digital Satellite Newsgathering (DSNG) stations owned by foreign operators**, used for occasional, temporary transmissions towards studios outside Romania of reportages, news, cultural/sports events and of other audiovisual productions from Romania.

An important component of satellite communications is represented by communications in the mobile-satellite service. At the end of 2011, ANCOM was managing 3 licences for the use of frequencies for the provision to the public of Satellite Personal Communications Services (S-PCS) in Romania, held by the following operators: **Iridium Satellite LLC** (by means of **IRIDIUM**), **Global Communications Services Romania** (by means of **THURAYA**) and **Rokura** (by means of **ORBCOMM**).

During 2011, ANCOM granted **13 licences for the use of frequencies for users holding 27 mobile terminals in various INMARSAT standards**.

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5.4.5 Maritime and aeronautical radiocommunication services

5.4.5.1 Maritime mobile and maritime mobile-satellite services

In 2011, ANCOM carried out an intense activity for maritime mobile and maritime mobile-satellite services, equal at national, European and international levels. The active involvement of ANCOM in the maritime radio-communications issue, the solutions proposed and the means of solving the arisen problems, all led to the re-acknowledgement of ANCOM as an important regional leader.

At a national level, the activity continued on the same line as in 2010, in order to ensure the coherence of the established objectives:

- improve the safety and security of ships and ports against possible terrorist or piracy attacks by proposing specific amendments to the regulations in force and allotting additional spectrum resources;
- support the efforts of the competent authorities in the extension of the IRIS 2 pan-European project implementation in Romania, by continuation of introducing the Inland AIS (Automatic Identification System) equipment on ships stations and on shore, as well as allocation of numerical IDs for these end-users in accordance with the provisions of the Radio Regulations of the International Telecommunication Union (ITU RR) and introducing of the electronic chart software (ECDIS);
- continue to analyse the technical and regulatory possibilities of gradually removing the radar equipment from the traffic control systems for Danube River navigation;
- analyse the possibilities of introducing and using additional frequencies proposed for improving the AIS satellite detection generally known under the generic name of AIS 3 and AIS 4;
- increase the efficient use of the frequencies from the Appendix 18 of the ITU RR with a view to ensuring an increase in the number of potential

5.4.5.2 Radiocommunication service on inland waterways

ANCOM is a member of the European Committee RAINWAT (Regional Arrangement for **I**nland **W**aterways), an organisation that permanently assesses and updates - based on the Member States' interests -, the Regional Arrangement concerning the Radiocommunication Service on Inland Waterways, signed at Basel, in 2000, by 16 European countries with access to the European inland waterway network (currently there are 17 countries as a result of the adhesion without reservations to the Arrangement of the

users and reducing the harmful interferences, through various methods as splitting duplex channels in two simplex channels and introduction of digital communications.

ANCOM permanently aimed at a non-discriminatory and consistent approach that would ensure a balanced and free access to the market of radiocommunication equipment intended for maritime radiocommunications both to the Romanian ship-owners and to the providers of maritime radio equipment.

In accordance with the requirements of the ITU RR, ANCOM took the necessary steps to ensure that the ships were endowed with the proper radio equipment and that they observed the adequate procedures for effectively sending and receiving distress, security and emergency calls and messages and search and rescue communications.

ANCOM further manifested its permanent concern for the maritime radiocommunication equipment used in the Global Maritime Distress Safety System (GMDSS). In this regard, the Authority monitored and controlled the maritime mobile-satellite systems, the radiocommunication equipment using the Digital Selective Calling system, the distress radio location systems, the search & rescue transponders, the automatic receivers of maritime safety and security information, the rescue boat radio equipment and the automatic identification systems.

Republic of Montenegro). The Regional Arrangement was concluded in the framework of Article 6 of ITU RR. ANCOM has been holding the presidency of RAINWAT ever since 2002. Having yielded good results in the coordination and management of the Committee's activity, the ANCOM representative was re-elected as Chairman of the Committee RAINWAT for a term which is to end in 2012.

2011 marked the completion of the diligences taken for almost 4 years

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by the members of the Committee RAINWAT, under the coordination of the ANCOM representative, in view of reviewing and modernising the text of the Regional Arrangement in order to harmonise it with the evolutions occurring since 2000 through nowadays in the electronic communications field.

5.4.6 Aeronautical mobile and aeronautical mobile-satellite services

In 2011, ANCOM continued to manage the aeronautical mobile and aeronautical mobile-satellite services, in compliance both with the requirements imposed by the ITU RR and Annex 10 of the Convention on International Civil Aviation. Through its activity, ANCOM aimed at improving the use of the radio spectrum allotted to the aeronautical mobile and aeronautical mobile-satellite services by supporting the tests made in view of the introduction of digital communications, managing the introduction of 8.33 kHz channel spacing in the aeronautical VHF voice band in Romania for multiplying the usable frequencies and by studying the possibility to use the aeronautical HF band, which in general may reduce the congestion of communications.

ANCOM undertook actions in order to coordinate the main participants in these important radiocommunication services for the safety and security of aircraft, passengers and goods/luggage before and during the procedures of preparation/taxi, taking off, effective flight, landing and parking at the final parking position.

5.4.7 Radiodetermination service – radionavigation in the aeronautical and maritime services, radiolocation

Any type of shore-based radiolocation equipment (for weather measurements or for maritime or air traffic control) or any equipment used for ensuring the navigation security through the discovery and acquisition of fixed or mobile targets (may they be maritime, aeronautical or on inland waterways) belongs to the radiodetermination service.

In view of avoiding the occurrence of possible harmful interferences, ANCOM continued the surveillance of the radar systems for tracing and managing navigation already installed and operating alongside the Romanian part of the Danube River. As well, the Authority further examined

In 2011 ANCOM issued **87 licences for the use of frequencies and 139 frequency assignment authorisations** for the maritime mobile and maritime mobile-satellite services, for the radiotelephone service on inland waterways and for ships under shipyard trials for the period of time of flying the Romanian flag.

ANCOM watched that the aircraft flying the Romanian flag, regardless of whether they are airlines, low-cost airlines or private flight operators, observed the adequate procedures for sending and receiving distress, security and emergency calls and messages, as well as search and rescue radiocommunications from/to the air traffic control authorities based on the ground or from other aircraft, in accordance with the requirements of the ITU RR. Thus, the Authority monitored aeronautical mobile-satellite systems, radiocommunication equipment – both analogue and digital –, emergency locator transmitters, airborne weather radars and radionavigation equipment.

In 2011, ANCOM issued **22 licences for the use of frequencies and 60 frequency assignment authorisations** for the aeronautical mobile and aeronautical mobile-satellite services.

the requests related to new sites under the procedure of establishing the installation sites and the coverage areas. The resulting data will enable ANCOM, apart from their usefulness in the authorisation procedure, to finalise the procedures for cross-border coordination with the administrations concerned.

In 2011, ANCOM carried on the collaboration with the national entities involved in the implementation in Romania of the elements under the IRIS 2 programme on traffic management and coordination on the trans-European inland waterways Corridor VII.

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5.4.8 Identification of ships stations, aircraft stations and coast stations

ANCOM managed the data base of numerical and alpha-numerical identifications and made the necessary allocations for radio stations communicating in the maritime, aeronautical and inland waterways services accordingly the applicable rules.

The method of generating numerical and alpha-numerical identities is set out in the special provisions of the ITU RR.

ANCOM reports, on a regular basis, the identifications allocated to ship stations on the inland waterways to the European ATIS and/or MMSI database hosted by the RAINWAT Committee website, www.rainwat.bipt.be. The ATIS codes are generated on grounds of the provisions under the RAINWAT.

ANCOM reports on a regular basis the identifications allocated to ship stations to the MARS ITU maritime database and ensures a contact point in case of a request from the maritime and/or aeronautical search and rescue

organisations (SPOC).

During 2011, ANCOM continued managing the identities for the ship stations, aircraft stations, coast stations and aeronautical stations. ANCOM observes the procedure of generating the ATIS code for the ships belonging to the states non-RAINWAT members that are sailing on the inland waterways covered by this Arrangement. At the same time, the Authority further managed two online databases.

The ANCOM website hosts a database for the ships flying the Romanian flag, accessible 24/7 to the Constanta Maritime Rescue Coordination Centre (MRCC) of the Romanian Naval Authority.

5.5 Certification of radio operators in the aeronautical and maritime radiocommunication services

ANCOM further ensured in 2011 a high competence standard for radio operators since they are the key element in ensuring radiocommunications, in general, and in accomplishing search and rescue missions, in particular. The types of radio operator personnel include the personnel in command of ships and aircraft, the personnel in charge of managing the ship movement and air traffic control, as well as the personnel of the maritime and aeronautical authorities, who cannot conduct their activities in accordance with the legal provisions in force unless they hold a radio operator's certificate.

As opposed to the previous years, the radio operators for pleasure boats stations had a significant development in 2011. This kind of radio operators are the persons who own pleasure boats or private aircraft and participate on voluntary bases in the radio traffic carried within specialised systems and using techniques, frequencies and procedures belonging to those systems.

The activities in the field in 2011 have been carried out in line with the following objectives:

- safeguard a competitive market in the field of training the candidates for various types of radio certificates, in order to ensure unhindered access of the centres to possible requesters;
- permanently monitor and verify compliance with the regulations in force, both at the national and international level, by the operators certified by ANCOM;
- permanently update the protocols concluded with the training centres, with a view to achieving maximum efficiency in the training, examination and certificate issuance process;
- maintain the ANCOM procedures concerning the issuance of the radio operator's certificates in line with the requirements of the ITU RR, taking into account the fact that the holders of such certificates conduct operations worldwide, on ships or aircraft, irrespective of the flag under which

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these may be registered;

- the evaluations for the introduction of the European concept of independent examination centre - a modern concept meant to ensure full objectivity and the separation of the two main aspects, i.e. training and examination -, were continued.

5.6 Authorisation and certification in the radioamateur service, certification of radio operators in the land mobile service

The authorisation and certification activity in the radioamateur service continued in 2011 with the monitoring of the compliance with the ITU RR provisions and CEPT recommendations, in view of better integrating the Romanian radioamateurs in the international community.

At CEPT level, ANCOM continued the activities related to defining a database for the European harmonised examination topics with a view to

ANCOM issued **2,686 radio operator's certificates** for the aeronautical mobile and aeronautical mobile-satellite services, maritime mobile and maritime mobile-satellite services, as well as for the radiotelephone service on inland waterways.

upgrade them to the new trends in the field of communications, making use of the IARU (International Amateur Radio Union) experience. This process will continue in the following years.

The status of the documents issued in the radioamateur service and the certification of operators in the land mobile service is as follows:

Regional Divisions	Bucharest	Cluj	Iasi	Timis	Total
Radioamateurs					-
1. No. of radioamateur authorisations issued in 2011 (new and extended)	739	523	471	547	2,280
2. No. of radioamateur certificates issued in 2011	130	89	88	65	372
3. No. of sessions (ordinary and extraordinary) held for granting radioamateur certificates in 2011	6	3	4	4	17
4. Total no. of radioamateur authorisations in force at end-2011	1,714	793	746	710	3,963
5. Total no. of radioamateur certificates in force at end-2011	1,628	2,867	2,400	2,275	9,170
Certification of radio operators in the land mobile service					
1. No. of certificates issued in the land mobile service in 2011	872	188	434	208	1,702
2. No. of sessions (ordinary and extraordinary) held for granting certificates in the land mobile service in 2011	18	15	34	6	73
3. Total no. of certificates in the land mobile service in force at end-2011	12,851	857	1,714	1,240	16,662

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5.7 Management of the numbering resources under the National Numbering Plan (NNP)

5.7.1 Activities related to the management of the NNP numbering resources

The 2011 activities connected with the management of the numbering resources within the NNP included:

- allotment of numbering resources;
- vacation of numbering resources upon the waiver or dissolving of some providers of publicly available electronic communications services;
- transfers of licences;

5.7.1.1 Allotments of numbering resources

In 2011, ANCOM registered **27 requests** for the allotment of numbering resources, granting **25 licences**.

The difference between the total number of requests received and the total number of LURN granted results from certain particular situations. In **three cases**, the operators did not finalise the LURN granting procedure, in **one case** the operator reverted and cancelled his request, in **one case** the licence was issued as the result of a request for additional resources, submitted before to the end of 2010, and in **one case** the request was solved by issuing two licences.

The analysis of the requests submitted during 2011 leads to the following:

- **10 requests** were submitted by companies requiring numbering resources for **the first time**, and **10 licences** were issued as a result.
- **17 requests** referred to the allotment of additional numbering resources to the previously allotted ones, and **15 licences** of this type were issued.

It is worth mentioning that ANCOM granted the first licence to a mobile virtual network operator, foreseeing numbers within the OZA = 070 sub-domain of the National Numbering Plan. Following the settlement of the abovementioned requests, the volume of the numbering resources allotted in 2011 in the various domains of the NNP is as follows:

Note: No numbering resources have been allotted by unit in 2011 (national short numbers and carrier selection codes)

- licence amendments ex officio.

The right to use certain numbering resources within the NNP is granted by a Licence for the use of numbering resources (LURN).

Table 5.1 Numbering resources allotted by blocks

NNP Domain		Numbers allotted
OZ=02 10-digit geographic numbers		60,000
OZ=02 7-digit geographic numbers intended for local interest services		20
OZ=03 10-digit geographic numbers		160
OZ=03 7-digit geographic numbers for local interest services		190
OZ=03 non-geographic numbers (location-independent)		40,000
OZ=07 non-geographic mobile numbers		100,000
OZ=08 non-geographic numbers for various services	0800	2,000
	0801	-
	0805	-
	0808	2,000
	0870	-
OZ=09 non-geographic numbers for Premium Rate Services	0900	2,000
	0903	3,000
	0906	2,000

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5.7.1.2 Numbering resource vacation through the amendment or cessation of a LURN

During 2011, certain numbering resources were vacated, upon the Authority's receiving requests for partial or full waiver of the LURN from certain holders, as well as due to the cessation of the right to provide the electronic communications services for which the respective numbering resources were granted.

Thus, with a view to settling the full or partial **waiver requests** submitted by the LURN holders, in 2011 ANCOM issued **12 decisions** on the full or partial cessation of the right to use the numbering resources.

Among these, ANCOM registered **4 partial waiver cases** for 4 holders and **8 full waiver cases** for 8 LURN holders. One of the total waiver decisions

was issued in order to settle a request received in 2010.

In the partial waiver cases, the Authority issued also **4 amended licences**, providing for the numbering resources which the LURN holders forecasted to further use.

Furthermore, there were **13 cases of cessation of the right to provide the publicly available electronic communications services** for which the numbering resources had been granted, settled by **13 decisions** of full recalling of the LURN.

Hence, the following numbering resources were vacated:

Table 5.2 Numbering resources vacated by blocks

NNP Domain		Numbers vacated
OZ=02 10-digit geographic numbers		-
OZ=02 7-digit geographic numbers		-
OZ=03 10-digit geographic numbers		642,000
OZ=03 7-digit geographic numbers		-
OZ=03 non-geographic numbers (location-independent)		10,000
OZ=07 non-geographic mobile numbers		-
OZ=08 non-geographic numbers for various services	0800	-
	0801	-
	0805	-
	0808	5,000
	0870	-
OZ=09 non-geographic numbers for Premium Rate Services	0900	2,000
	0903	3,000
	0906	1,000

Table 5.3 Numbering resources vacated by unit (national short numbers and carrier selection codes)

Categories	Numbers/codes vacated
10xy codes	6
16xy codes	6
116xyz national numbers	-
118xyz national numbers	2
19vx national numbers	-

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5.7.1.3 Transfers of numbering resources, amendments to the format of the allotted resources or to the licence provisions

In 2011, ANCOM analysed **10 requests** for numbering resources and issued **two licences** *ex officio*. These did not affect the total volume of allotted numbering resources.

a) LURN transfers

7 transfer requests were submitted in 2011. In addition, two requests whose corresponding documents were transmitted in 2010 were also settled. The procedure was completed in 7 cases, the Authority issuing **7 decisions** on the cessation of the right to use the respective numbering resources, as well as **10 licences** (3 amended LURNs for some of the assignors and 7 licences for the assignees). For one of these requests submitted in 2010 the prior ANCOM approval regarding the cessation was not necessary, since the assignee was not authorised with ANCOM as a provider of publicly available telephone services. One request was undergoing the settlement procedure by December 31st, 2011.

b) transfer of the right to use the numbering resources

ANCOM settled a transfer of the rights and obligations, provided under a holder's licences, to another electronic communication service provider, as a result of a merger by absorption. In this case the Authority issued a decision, providing for the transfer of the rights and obligations related to the numbering resources, and the 9 licences for the new holder.

c) ex officio issuance of certain licences for the use of numbering resources

On grounds of the ANRCTI president's Decision no. 2896/2007 on the procedure of requesting and granting licences for the use of numbering resources, with the subsequent completions, in case the circumstances at

the time a LURN has been issued change, ANCOM may amend the provisions of the respective LURN, *ex officio*.

Such a situation occurred in 2011, when the Decision no. 1382/2011 amending and completing certain regulations in the field of numbering resources and technical resources was issued and amended the Decision no. 459/2010 on the allocation and use of national short numbers for services of public interest at national level, in the sense of extending the term of use for the 1951 and 1958 numbers, by keeping the conditions existing by the entering into force of the initial decision, until the date of 19 October 2012.

To this end, the *ex officio* amendment of a LURN was deemed necessary. At the same time, ANCOM issued another licence *ex officio*, with a view to amend the name of the holder of a previously issued licence.

At the end of 2011, there were **85 LURN holders**.

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Table 5.4 Overview of the LURN holders by categories of numbering resources held:

10-digit geographic numbers starting with 02	11
7-digit geographic numbers starting with 02	2
10-digit geographic numbers starting with 03	61
7-digit geographic numbers starting with 03	3
Location independent numbers starting with 037	35
Mobile non-geographic numbers starting with 07	7
Non-geographic numbers for various services starting with 08:	
freephone access (starting with 0800)	40
shared cost services (starting with 0801)	6
bursty traffic services (starting with 0805)	11
indirect access to services (starting with 0808)	29
access to data transmission and Internet access services (starting with 0870)	8
Non-geographic numbers for Premium Rate Services starting with 09:	
entertainment, games and contests (starting with 900)	20
various information (general, business, marketing, useful etc.), entertainment, games and contests (starting with 903)	21
adult entertainment (starting with 906)	17
Two-step dialling carrier selection codes, within the 10xy range	18
One-step dialling carrier selection codes, and carrier preselection codes within the 16xy range	28
National short numbers for the provision of directory enquiry services, within the 118xyz range	6
National short numbers for the provision of European harmonised services, within the 116xyz range	1
National short numbers for the national provision of public interest services, within the 19vx range	1

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Total amount of NNP resources allotted by 31 December 2011:

Table 5.5 Numbering resources allotted by blocks

NNP Domain		Allotted numbers
OZ=02 10-digit geographic numbers		11,370,000
OZ=02 7-digit geographic numbers		3,350
OZ=03 10-digit geographic numbers		15,137,000
OZ=03 7-digit geographic numbers		220
OZ=03 non-geographic numbers (location-independent)		3,050,000
OZ=07 non-geographic mobile numbers		56,100,000
OZ=08	0800	144,000
	0801	105,000
	0805	12,000
	0808	133,000
	0870	57,000
OZ=09	0900	30,000
	0903	31,000
	0906	27,000

5.8 Number portability management

The administrative processes related to number portability are managed by means of an information system administrated by ANCOM, called the Central Database (CDB). This system collects and stores information regarding the ported numbers and enables the providers to exchange data on the porting process. The information system consists of a database, which stores information in a well established format, and of a set of functions that trigger operations on the data and ensure communication

Table 5.6 Numbering resources allotted by unit (national short numbers and carrier selection codes) by 31 December 2011:

Categories	Numbers/codes allocated
10xy codes	18
16xy codes	28
116xyz national numbers	2
118xyz national numbers	10
19vx national numbers	6

with the information systems of the electronic communications service providers, through a secured web application. Moreover, the CDB is connected to a publicly available website that ensures information regarding the ported numbers. By means of this website (www.portabilitate.ro), the users can find information on number portability and on the steps to be taken when they wish to port their telephone number, while a search engine can indicate whether a number has been ported and the

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network to which it has been ported.

Any malfunction of the CDB may have negative impact on the porting processes and, implicitly, on the provision of telephony services to the subscribers undergoing various stages of the porting process. In order to maintain a high security level, as the loading level of the CDB rises, in 2011 ANCOM continued the process of verifying, maintaining and monitoring the CDB, as regards both the software porting solution and the hardware infrastructure.

ANCOM has permanently monitored the porting processes, by means of the CDB, and assisted the providers in relation to the CDB operation and to the solving of specific malfunctions. As well, in view of assessing the providers' compliance with the regulations on ensuring minimum quality

5.9 Management of technical resources

The main categories of technical resources managed by ANCOM are the following:

- National Signalling Point Codes (NSPC);
- International Signalling Point Codes (ISPC);

5.9.1 Management of the right to use SS7 national and international signalling point codes (NSPC and ISPC)

The *National Signalling Point Codes* and, respectively, the *International Signalling Point Codes (NSPC/ISPC)* identify in an univocal manner the signalling points in the national and, respectively, international SS7 networks. These are used by the providers in view of interconnecting the SS7 signalling networks at the national and, respectively, international level.

During 2011, ANCOM issued **10 individual decisions** for the allotment of SS7 national signalling point codes (NSPC) and international signalling point codes (ISPC). Through these decisions, a total amount of 8 NSPC blocks (i.e. 64 codes) and 2 ISPC codes were allotted.

As well, **21 individual decisions** revoking the right to use identification codes of national SS7 signalling points (NSPC) and international signalling point codes (ISPC) were issued. These decisions revoked the right of use

levels for the porting processes, ANCOM reviewed the performance of the providers in offering the number portability service, on a quarterly basis, by using the data made available by the CDB.

ANCOM's final goal is to render portability an accessible tool and to enable the end-users and the electronic communications providers to use it easier and error-free.

- Mobile Network Codes (MNC);
- Network Identification Codes (NIC);
- Routing Numbers (RN).

for 21 NSPC blocks (i.e. 168 codes) and 3 ISPC codes.

ANCOM also issued one decision regarding the transfer of the rights and obligations related to 1 NSPC block (i.e. 8 codes) from one provider to another, and one decision regarding the transfer of the rights and obligations related to 1 ISPC block between two providers.

At the end of 2011, the overall status of the national (NSPC) and international (ISPC) signalling points allotments was as follows:

- 61 providers were allotted NSPCs;
- 20 providers were allotted ISPCs.

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Table 5.7 Overview of NSPC and ISPC allotments

Domain	Total no. of blocks allocated by the ITU to Romania	Total no. of codes allocated by the ITU to Romania	Total no. of blocks allotted by ANCOM	Total no. of codes allotted by ANCOM
ISPC	7	56	-	49
NSPC	-	-	269	2.152

5.9.2 Management of the right to use mobile network codes

Mobile Network Codes (MNC) are used by the providers of mobile public networks with a view to establishing the international mobile subscriber identity (IMSI). According to Recommendation ITU-T E.212, IMSI = MCC+MNC+MSIN, where:

- MCC – Mobile Country Code – allocated by ITU-T. Romania holds MCC=226;
- MNC – Mobile Network Code – allotted by ANCOM;
- MSIN – Mobile Subscriber Identification Number – allotted by the mobile operators.

During 2011, ANCOM issued one decision regarding the allotment of one MNC.

By the end-2011, the overall status of the MNC allotments was the following:

Table 5.8 MNC allotments

Domain	No. of providers	Total MNCs allotted by ANCOM
MNC	7	8

5.9.3 Management of the right to use network identification codes

The network identification code (NIC) is a 17xy code that identifies the call origination network, and is used when the interconnection between the call origination network and the call termination network is achieved by switched transit, through a third party's services.

During 2011, 2 decisions for the allotment of 2 NICs and 5 decisions on withdrawing the right to use a NIC, for 5 NICs, were issued.

ANCOM also issued one decision regarding the transfer of the rights and

obligations related to 1 NIC between two providers.

At end-2011, the overall status of NIC allotments was as shown below:

Table 5.9 Status of NIC allotments

Domain	No. of providers	Total NICs allotted by ANCOM
NIC	29	29

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5.9.4 Management of the right to use routing numbers

Routing numbers (RN) are allocated to the providers of publicly available telephone services that are acceptor providers in the number portability process or hold licences for the use of numbering resources. Based on the network structure, a RN can identify either a provider or a switch in a provider's network.

During 2011, the Authority issued **7 decisions** for granting the right to use a total number of 8 RNs and **8 decisions** for withdrawing the right to use the RN for a total number of 11 RNs.

One decision was also issued regarding the transfer of the rights and obligations related to 2 RNs between two providers.

5.10 Supervision of the equipment market

According to the objectives set in the Government Emergency Ordinance no. 22/2009 on the establishment of the National Authority for Management and Regulation in Communications (ANCOM), approved by Law no. 113/2010, with the subsequent amendments, one of the basic roles the regulatory authority in the electronic communications field has to fulfil is to enforce the national policy in the fields subject to the harmonised EU legislation: electronic communications, audiovisual communications, radio equipment and telecommunications terminal equipment, electromagnetic compatibility.

ANCOM participated in the fourth campaign of market surveillance, conducted in the EU between January 2011 – June 2011, with a view to establish the level of conformity of the radio equipment in the European internal market with the provisions of Directive 2004/108/EC. This type of campaigns is aimed at improving the exchange of information between Member States, and is based on the administrative cooperation.

This surveillance campaign focused on lamps using LEDs. The final results were sent by ANCOM to the campaign coordination group and uploaded on the European Commission server, where they are accessible to the other EU Member States.

After verifying the technical conformity in the laboratory based on the

The table below displays the cumulated status of the routing number allocations at end-2011:

Table 5.10 Status of RN allotments

Domain	No. of providers	Total RNs allocated by ANCOM
RN	62	244

relevant harmonised standards, two of the products collected from the market proved non-compliant with the requirements of the Directive 2004/108/EC. As a result, ANCOM notified the manufacturer to take the necessary measures, within a 90-day period, in view of solving the non-compliance and by submitting the justifying documents for the measures taken. The manufacturer managed to reach the compliance of the respective products within the indicated period of time and to resume the supply of such products towards the distribution chain.

As well, ANCOM took part, during its ADCO R&TTE activities, in the elaboration of the common input data questionnaire destined for the assessment of the R&TTE products in view of establishing the best practices and suggesting the best measures to be taken in relation with non-compliant products.

This action was thought to eliminate the differences among the Member States as regards the supervision of the equipment market, when assessing the same product, and in view of a harmonised supervision activity throughout the EU.

In order to observe Romania's informing and communication obligations deriving from the provisions of arts. 17(1) and 18(5) of the (EC) Regulation no. 765/2008, ANCOM drew up the *Sector Programme for equipment*

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market surveillance in 2011 corresponding to the applicable European legislation (Directive 1999/5/EC and Directive 2004/108/EC), published it on the website and transmitted it to the European Commission.

ANCOM updated its procedure on notifying the radio equipment employing frequency bands whose use is not harmonised at the EU level, adopting the electronic notification form harmonised within the EU, according to the Member States' agreement expressed within TCAM.

Between 1 January and 31 December 2011, **815 notifications** were registered through the electronic notification system. The OSN – *One Stop Notification* system, proposed by the Commission and accessible via *DG Enterprise & Industry Stakeholder Portal* to which Romania adhered, simplifies the radio equipment notification modality provided for in Directive 1999/5/EC.

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The Authority's monitoring, surveillance and control activities are meant to ensure that the provisions of the relevant legislation and of the regulations imposed by the Authority for promoting competition in the electronic communications and postal services markets, as well as for protecting the users' rights and interests, are enforced and observed in practice. An important component of the control activity is the monitoring of the radio frequency spectrum with non-governmental use, which aims at both upholding the process of efficient spectrum management, and observing the obligations in the licences for the use of radio frequencies and

in the frequency assignment authorisations or in the regulations in the field.

In its activities of monitoring, surveillance and control, ANCOM observes the principles of *transparency, impartiality and objectivity*. The control of compliance with the provisions of the normative acts in force and of compliance with the obligations imposed on providers is carried out by the specialised control personnel authorised therefor by the Authority's President.

6.1 The 2011 main objectives

In 2011, in the activity of verifying the compliance with the legal provisions, ANCOM focused on the following aspects:

- investigating the implementation of the general authorisation regime for the provision of electronic communications networks and services;
- verifying the observance of the obligations under the applicable primary and secondary legislation by the providers in the fields of electronic communications, of radiocommunications and of postal services;
- verifying the observance of the obligations under the individual decisions on the designation of the universal service providers (in the fields of electronic communications and of postal services);
- monitoring the placing on the market, putting into service and use of the devices employed for blocking the authorised electronic communications services;
- assessing the compliance by the 3G licence holders with their due obligations.

Furthermore, ANCOM continued to monitor the evolution of the electronic communications and postal service markets, by collecting, verifying, processing and analysing the statistical data reported by the providers operating in these markets.

In addition, 2011 was dedicated to rendering more efficient the surveillance and control mechanisms, and to a unitary approach of these activities in all the 41 organisational structures throughout the territory. To this end, ANCOM continued to elaborate specific operational procedures and to establish common working methods and applicable rules in order to accomplish its tasks and attributions.

6.2 Monitoring the enforcement of the specific regulations in the fields of electronic communications, radiocommunications and postal services, as well as of those relating to the users' information and education

In the fields of electronic communications and postal services, in 2011 the control activity resulted in a total number of **12,226** control actions ⁷, **3,674** of which in **electronic communications** field, **4,809** in the **radio-communications** field and **2,097** in the field of postal services, in view of verifying compliance with the obligations imposed by the Authority in

these fields. As well, in 2011, ANCOM sent **596** notifications to enforce sanctions and gave **325** warnings and **32** fines in a total amount of **RON 158,000**.

⁷ The surveillance actions conducted on the radio equipment and telecommunications terminal equipment existing on the market (1,646 control actions) are presented separately in Chapter V – "Enhancing competition through the efficient management of scarce resources".

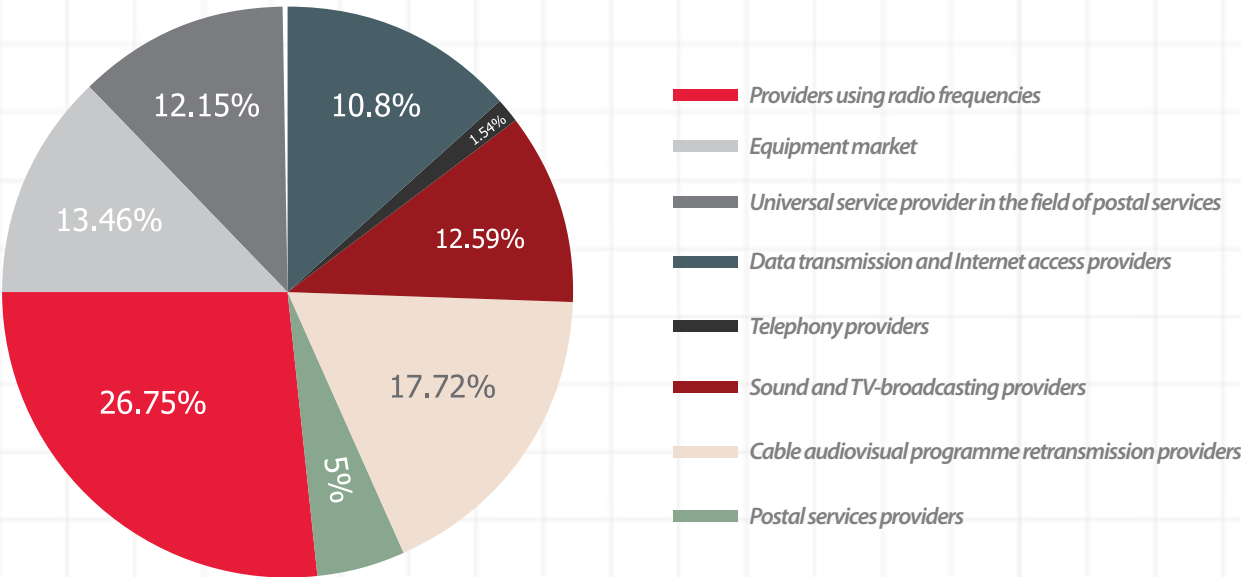
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Exhibit 6.1 Control actions in the field of electronic communications and postal services



6.2.1 Control actions conducted on the authorised providers

6.2.1.1 Control actions conducted on the providers using radio frequencies

In order to verify the use of radio frequencies in accordance with the provisions of the *Government Emergency Ordinance no. 79/2002 on the general regulatory framework for communications, approved, with amendments and completions, by Law no. 591/2002, with the subsequent amendments and completions*, ANCOM conducted **3,270 control actions**. The control personnel identified a series of cases where the providers failed to observe the legal provisions specified in the Licences for the use of radio frequencies and in the Radio frequency assignment authorisations. The

Authority sent **105 notifications**, gave **87 warnings** and enforced **10 contravention fines** amounting to RON 37,000.

The identified irregularities referred to the failure to observe the provisions under the authorisation documents (licences for the use of frequencies and authorisations for frequency assignment), as well as under the documents on the operation of radiocommunication stations.

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6.2.1.2 Control actions conducted on the providers of sound and television radio-broadcasting services

ANCOM conducted **1,539 control actions** on the providers of networks of broadcasting or retransmission of linear audiovisual media programme services, with a view to verify the provisions of the Audiovisual Law no. 504/2002, with the subsequent amendments and completions. Following

these actions, **28 warnings** and **6 contravention fines** amounting to RON 30,000 were applied.

6.2.1.3 Control actions conducted on the providers of linear audiovisual media programme retransmission services

In 2011, **2,166 control actions** on the CATV networks providers were conducted, with a view to verify compliance with the provisions of the Government Emergency Ordinance no. 79/2002 on the general regulatory framework for communications, approved, with amendments and

completions, by Law no. 591/2002, with the subsequent amendments and completions. For the recovery of the legal status in these cases, ANCOM sent **281 notifications** and, subsequently, gave **15 warnings** and enforced **one contravention fine** in amount of RON 5,000.

6.2.1.4 Control actions conducted on the telephony providers

During 2011, the ANCOM control personnel conducted a total number of **188 control actions** on the fixed and mobile telephony providers. Following these control actions, the Authority sent one notification on the intention to enforce sanctions, and, consequently, the provider remedied the

assessed failures. Also, the Authority gave **2 warnings**, and, as a result, the providers remedied the assessed failures.

6.2.1.5 Control actions conducted on the data transmission and Internet access providers

During 2011, in the market for data transmission and Internet access services were conducted **1,320 control actions** in view of verifying compliance with the provisions of the *Law no. 304/2003 on universal service and users' rights relating to the electronic communications networks and services, republished*, and with the conditions under the general authorisation regime. As a result of the assessed failures, **46 notifications** on the intention to enforce sanctions were transmitted, whereby the Authority established

terms and imposed conditions for remedying the breaches committed, subsequently applying 21 contravention sanctions (**18 warnings** and **3 contravention fines** in total amount of RON 15,000). The most frequent irregularities found by the ANCOM control personnel concerned the infringement of the obligation to introduce the minimum legal requirements in the contracts concluded with the end-users.

6.2.1.6 Control actions conducted on the postal service providers

In 2011, in the postal service market, **2,097 control actions** were conducted throughout the country, out of which 1,486 were conducted on CNPR and 611 on the remaining postal services providers. In total, ANCOM enforced **148 contravention sanctions**, of which **137 warnings** and **11 contravention fines** in total amount of RON 66,000. The most frequent irregularities found concerned the failure by CNPR to observe the specific

obligations imposed on the universal service provider and the failure by the other providers to inform ANCOM with respect to changes occurred in the notification data. The largest sanctions, in amount of RON 10,000 each, were enforced in relation to the breach of the reserved rights of the universal service provider

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6.2.2 Monitoring the evolution of the electronic communications market

In 2011, following the non-compliance with the provisions of art. 3 of *Decision no. 1167/2011 on the reporting of statistical data by the providers of electronic communications networks or by the providers of publicly available telephone services*, ANCOM sent **169 notifications** on the intention to ap-

ply sanctions for failure to submit the half-yearly statistical data within the legal timeframe and, subsequently, enforced **2 contravention fines** in amount of RON 200 per each day of delay.

6.2.3 Monitoring the universal service implementation in the electronic communications and postal sector

6.2.3.1 Installation of telecentres

In 2011, the ANCOM control personnel conducted a series of control actions at telecentres in view of verifying the compliance with the specific obligations imposed by the decisions on the designation of the universal service providers, as established in the Terms of Reference and in the tech-

nical proposal. As well, ANCOM compensated the net cost registered by the Radiocommunications National Company S.A. upon installing and rendering operational 22 telecentres, the total compensated amount being RON 975,238.39.

6.2.3.2 Directory enquiry service and subscriber directory

In order to verify the obligations established by the two decisions on the designation of S.C. Infoclick S.A. and S.C. Newsphone Hellas S.A., represented in Romania by Newsphone Hellas S.A. Athens Greece - Bucharest Branch, as universal service providers for making available to end-users a subscriber directory and a directory enquiry service, ANCOM conducted several control actions on these providers in 2011. As a result of the breaches assessed, ANCOM decided to withdraw from these two providers their capacity as universal service providers.

Therefore, through the ANCOM President's Decision no. 1064/2011 as of 29 March 2011, S.C. Infoclick S.A. and S.C. Newsphone Hellas S.A., represented in Romania by Newsphone Hellas S.A. Athens Greece - Bucharest Branch, were withdrawn their capacity as universal service providers.

6.2.3.3 Universal Service implementation in the postal sector

As regards the control actions conducted on Romanian Post National Company S.A. in view of verifying the observance of the obligations under the decision on its designation as a universal service provider in the postal field, in 2011 ANCOM conducted 1,486 control actions and identified 96 breaches at various working points of the provider, and these resulted in

94 warnings and **2 contravention** fines amounting to RON 11,000.

The most frequently identified deviations referred to the non-compliance with the specific obligations imposed on the universal service provider under the decision on its designation as such.

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6.3 Monitoring of the radio frequency spectrum

6.3.1 Monitoring of the frequency spectrum for non-governmental use

The monitoring of the frequency spectrum for non-governmental use pursues the following objectives:

- resolve the cases of harmful interferences in the electromagnetic spectrum whether on a local, regional (border interferences) or global (satellite services interferences) scale;
- uphold the process of efficient spectrum management;
- uphold the activities of surveillance and control of the compliance with the obligations under the licences for the use of radio frequencies and under the frequency assignment authorisations, or under the regulations in the field of electronic communications using the radio spectrum.

The data gathered following the spectrum monitoring activity refer to:

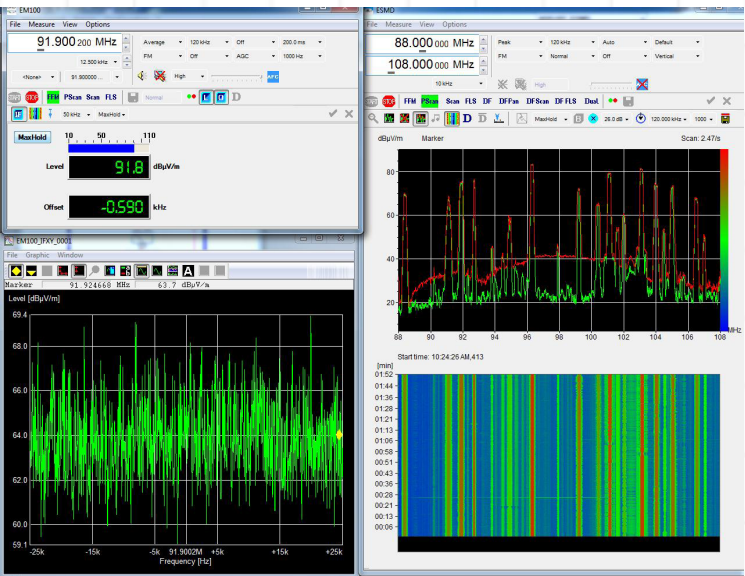
- the actual occupancy of the frequency spectrum by comparison with the occupancy of the frequency spectrum specified in the authorisation

documents;

- the deviations from the authorised values of the emission parameters for the authorised transmitters;
- data on the identification of the emission parameters, tracking and content of the transmitted signal in the case of illegal or unauthorised transmitters.

The data are in fact the results of certain parameter measurements which concern: the central frequency, the occupied frequency band, the power, the type of modulation and the modulation parameters, the incoming signal direction, the periods of time when the signals were on air, the identification of the transmitters, and the content of the transmitted signals.

Exhibit 6.2 Analysis of the frequency modulated broadcasting bands (FM)



The results of the analysis of data gathered during the monitoring activity are materialised in:

- recommendations in view of removing the interferences (these recommendations may concern the holders of the broadcasting licences or the ANCOM spectrum management units);
- identification and tracking of illegal, unknown or unauthorised emissions; the provision of this information to the ANCOM control units in view of starting the legal procedure;
- tracking of the SOS frequencies or of the emissions in the emergency bands (when this mission is necessary);
- identification of the frequencies or frequency bands which have a high risk of congestion or which already experience harmful interferences or international coordination issues, and elaboration of recommendations to the spectrum management units;
- identification of the frequencies or frequency bands insufficiently used, in view of their reuse or, if such is the case, of their refarming;
- identification of the transmitters which do not observe the authorised emission parameters;
- identification of the frequencies or frequency bands available whether on a national, regional or local level.

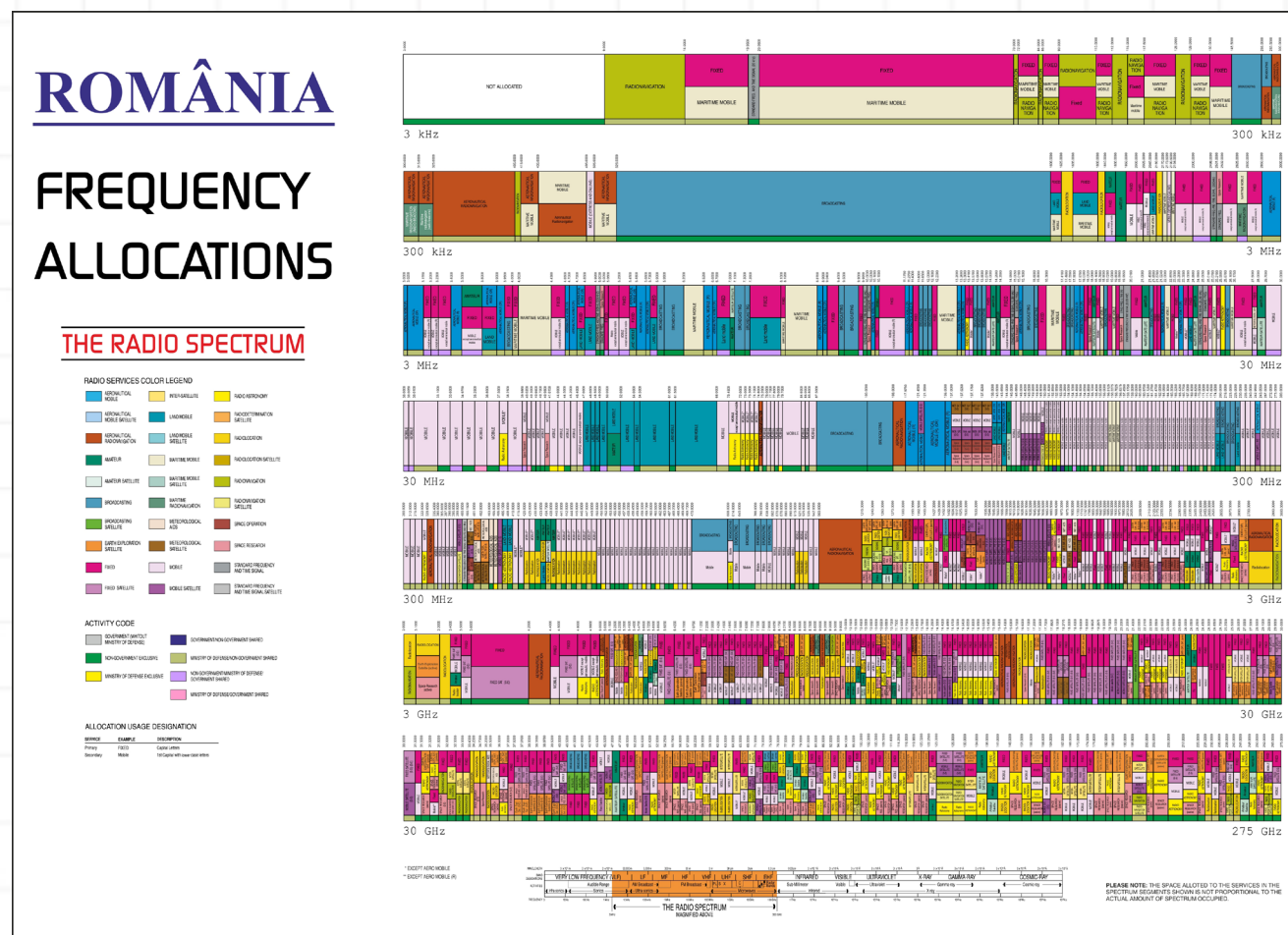
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Exhibit 6.3 National Table for Frequency Allocation



The ANCOM National Spectrum Monitoring System (SNMS) consists of 38 fixed and transportable monitoring stations (the transportable stations can be both operated as fixed monitoring stations and relocated if necessary) and 10 mobile monitoring stations (installed on special vehicles), and can monitor the spectrum up to the 3 GHz maximum frequency.

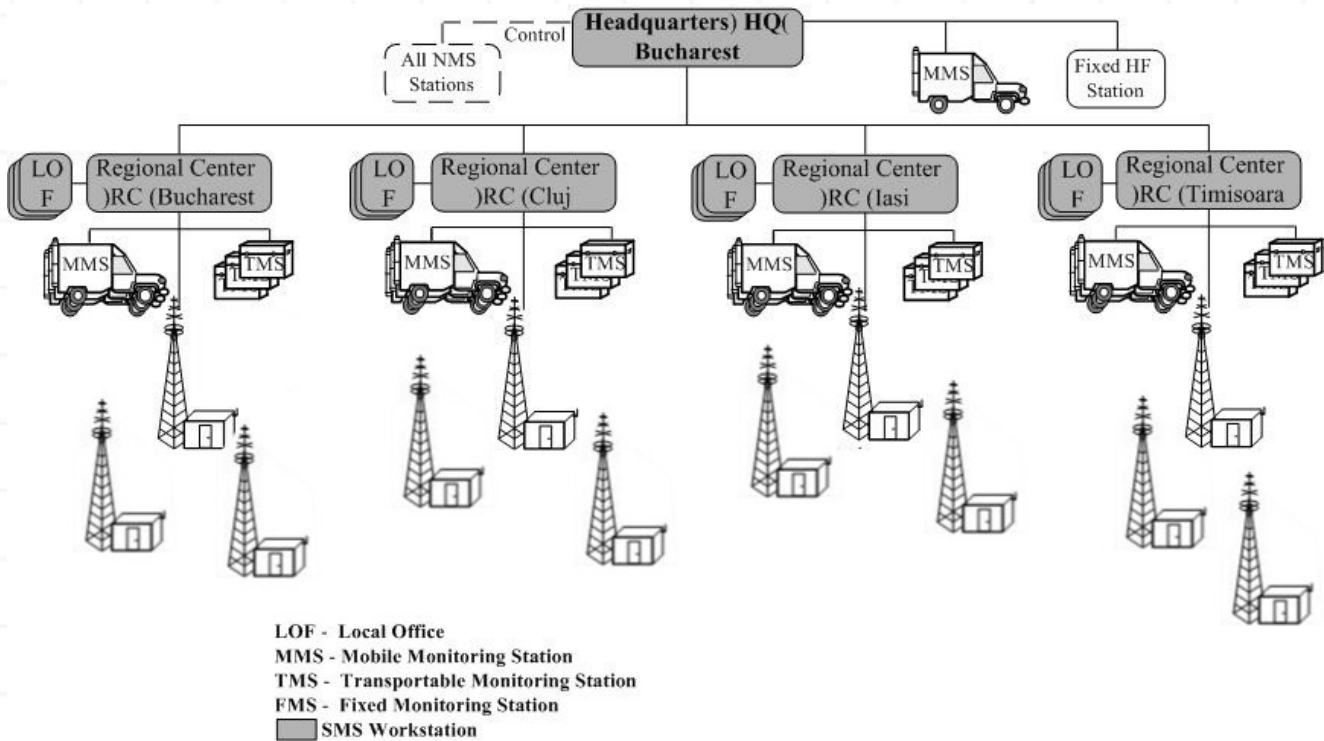
Another monitoring and goniometry system, comprising 4 mobile spectrum monitoring and goniometry stations and 4 communication centres, has been rendered operational. The system capabilities allow for measurements up to 6 GHz for goniometry and 26.5 GHz for spectrum monitoring, having a large capture band.

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Exhibit 6.4 The ANCOM National Spectrum Monitoring System



In addition, other monitoring equipment (spectrum analyzers, in general) is used in order to extend the covered geographic area, the frequency band, as well as the range of monitored services.

32,000 monitoring actions were undertaken by means of the National Spectrum Monitoring System in 2011 and ANCOM identified **114 cases of unauthorised radio-electric emissions** or failure to observe the conditions under the authorisation documents (broadcasting licences, technical authorisations, licences for the use of frequencies and authorisations for frequency assignment), and, subsequently, took measures towards the recovery of the legal status.

Within these actions, depending on the specificity of each action, ANCOM monitors from 206 frequencies (during one monitoring action for sound radio-broadcasting spectrum) up to 1,327 frequencies (during one monitoring action for radiotelephony spectrum).

Moreover, the ANCOM Local Offices conducted **2,579 spectrum monitoring actions** using the spectrum analyzers and the antennas they are equipped with.

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6.3.2 Verification of the compliance with the coverage conditions imposed by the licences for the use of radio frequencies for the provision of IMT mobile communications networks and services

The coverage of the localities, border areas and major roads with mobile telephone services was verified by random choice. Measurements envisaged technical parameters specific to each technology: GSM, UMTS, CDMA etc.

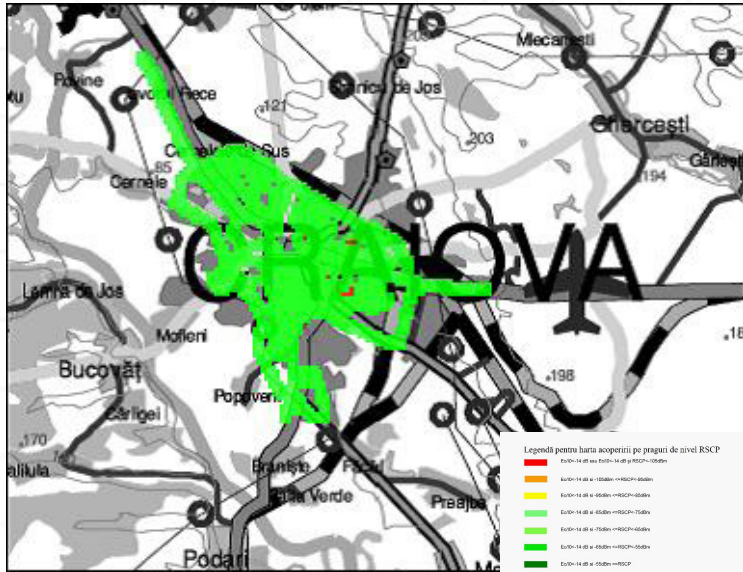
To this end, ANCOM checked the degree of signal coverage over **148 cities and 32,000 kilometres** on roads.

The on-the-spot verifications were made through the radio inspection integrated system – RADIS, which is a system consisting of special vehicles that contain each: measurement terminals, 2G and 3G scanners connected to outdoor antennas, a GPS receiver and a computer which has installed a soft specialised in data gathering and processing.

Exhibit 6.5 ANCOM state-of-the-art special vehicle for goniometry



Exhibit 6.6 3G signal coverage measurements



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Exhibit 6.7 Measurement map of a national road covered with 2G signal

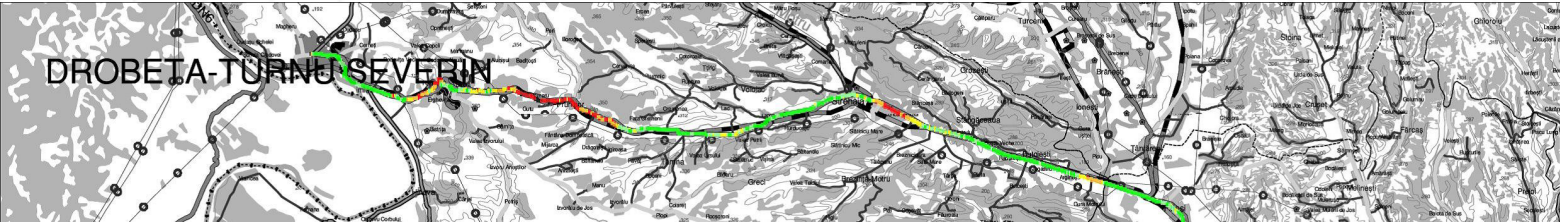


Exhibit 6.8 Level and quality parameters used for verifying the 3G signal

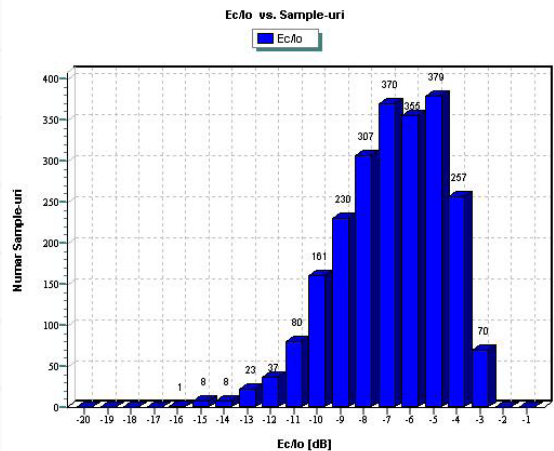


Exhibit 6.9 2G signal coverage measurement route



6.3.3 Resolution of the radio-electric interference cases

Resolving the cases of radio-electric interferences is one of the most complex tasks of ANCOM.

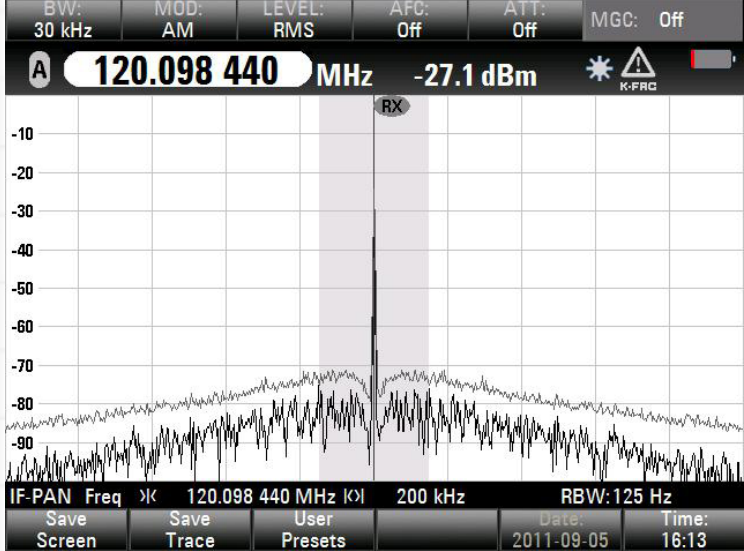
A radiocommunication service may face interferences at a given moment due to a number of reasons, such as: faulty functioning of certain components used by the service itself, faulty functioning of another service (which is not using necessarily the same frequency band or an adjacent frequency band), non-compliance with the emission parameters by an-

other authorised transmitter, unauthorised emissions, residential users' employment of uncertified devices or of devices intended for the use in another geographic area (e.g. wireless terminals which are intended for being used in the USA or in Asia, and which are not compatible with the services for which a certain band was allotted in Europe), cross modulations created by other services, propagation anomalies etc.

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Exhibit 6.10 Sample screen display of a spectrum analyzer depicting an interference



In view of maintaining the spectrum as interference-free as possible, ANCOM acts both preventively, by continuously monitoring the frequency spectrum and thus removing the causes of interferences before they produce effects, and reactively, by answering in the shortest time possible to any request for interference resolution.

During 2011, ANCOM resolved **142 cases of electromagnetic interferences**.

6.3.4 Specific monitoring campaigns

6.3.4.1 Verification of the compliance with the obligations imposed under the WiMAX licence granted to Radiocommunications National Company S.A. (SNR)

In 2011, ANCOM verified the observance by the Radiocommunications National Company S.A. of the obligations imposed through the WiMAX licence granted by end-2008. To this end, the Authority verified **219** base stations installed by SNR and found that the said obligations had been fulfilled. ANCOM also carried out **190** measurement sessions in view of determining the power intensity and/or density of the electromagnetic field.

base stations, under the WiMAX licence granted to SNR. The campaign consisted of verifying the locations of **219 WiMAX base stations in 30 municipalities and 24 cities**, the provision of WiMAX services from these locations, and the observance of the characteristics imposed under the licence to these base stations.

Between November and December 2011, ANCOM carried a campaign for verifying the compliance with the conditions imposed, as regards the

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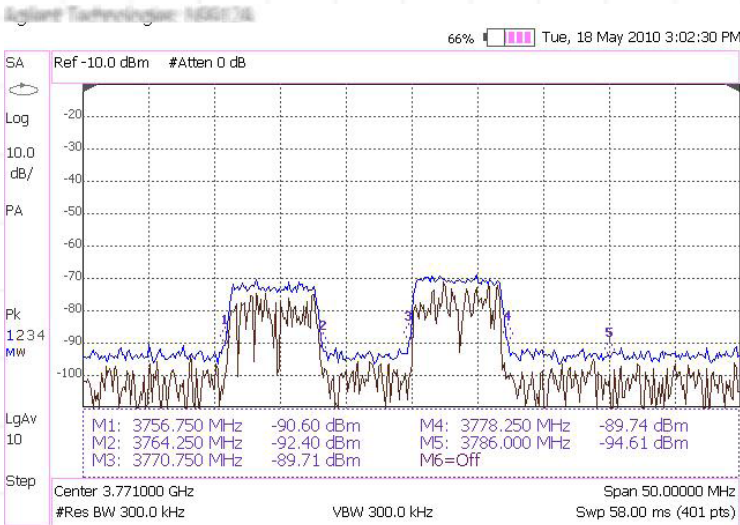
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Exhibit 6.11 Spectrum analyzer held by ANCOM



Exhibit 6.12 Sample analyzer display of the WiMAX signal



6.3.4.2 Verification of the compliance with the obligations imposed under the CDMA-PAMR 410 MHz licence granted to S.C. ROMTELECOM S.A.

In 2011, ANCOM carried an extensive campaign in order to verify ROMTELECOM compliance with its obligations under the CDMA-PAMR 410 MHz licence granted in 2008, for the provision of mobile networks

and services in the 410-415/420-425 MHz bands, and thus verified **700** base stations installed and rendered operational by ROMTELECOM. The campaign is still ongoing.

6.3.5 Other activities

6.3.5.1 Resolution of the international radio-electric interference cases

ANCOM collaborates with national and international institutions and organisations in the electronic communications sector with a view to ensure electromagnetic compatibility.

During 2011, ANCOM resolved **13 cases of cross-border radio-electric interference**, in compliance with the provisions under the ITU Radio Regulations.

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Exhibit 6.13 Interference at the border with Ukraine on the GSM channels



6.3.5.2 Issuance of endorsements in view of achieving building authorisations

The proper functioning of the National Spectrum Monitoring System is bound to the compliance with certain conditions and restrictions related to the location of buildings, metallic constructions and radio-electric transmitters near the monitoring stations.

In view of ensuring electromagnetic compatibility with the National Spectrum Monitoring System, administered by ANCOM, the Authority analysed **591 documentations**, issuing endorsements necessary for achieving building authorisations for the respective locations.

6.3.5.3 In line with the technological evolution

In view of monitoring the quality and coverage with the new services which already are or will become available in the near future, as well as of ensuring their operation in a frequency spectrum free of electromagnetic disturbances and interferences, ANCOM permanently invests in improving the monitoring and measurement equipment. In 2011, the Authority acquired 5 transportable monitoring and direction detection stations and 12 transportable 20 MHz – 6 GHz spectrum monitoring stations, as well as other 5 communication centres. These new stations are capable of carrying out measurements of broadband digital signals (DVB-T, UMTS, WLAN, WiMAX etc.), of instantaneously observing a band of minimum 72 MHz (the digital dividend) and of carrying out measurements over the main parameters of the received signals, in accordance with the ITU recommenda-

tions in force. Also, these stations, operated as a monitoring sub-system, allow the detection of the incoming signal direction, for both the vertically polarized and the horizontal polarized signals.

The resulted data are compatible with the results from the National Spectrum Monitoring System and from the spectrum monitoring and goniometry system, and may be integrated at the databases level in the Integrated Radio Spectrum Management Information System.

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7.1 The objectives of 2011

The main objective of the ANCOM communication activity in 2011 was to continue to promptly, proactively and transparently inform the public on the Authority's activity so as to enable the interested public groups to benefit from its regulations and services to the greatest extent.

7.2 Main communication activities in 2011

In 2011, the Authority continued granting particular importance to informing the end-users about the rights and obligations they have in their relation with the providers of electronic communications services, by updating the dedicated section created on its website, i.e. Consumer InfoCentre, where the end-users may find details about their right to be informed by the providers, about contracts and invoices, portability and risks which might appear when using certain services (such as telephone frauds or non-voluntary roaming).

The dialogue with the electronic communications industry was also maintained by means of the public consultation process and of the Consultative Council meetings, as well as via the numerous consultative sessions and project working group meetings, organised upon the ANCOM or the industry's initiative.

The ANCOM website and the electronic briefs transmitted by the Authority whenever necessary (press releases) or in response to press enquiries, as part of the dialogue with the media, play a significant role in the communication with the industry and the consumers. The Authority's briefs, drawn up in Romanian and English, were sent by electronic mail to approximately 3,000 registered users (representatives of the industry, of the users, of mass-media from Romania and abroad, of the European Commission and of other European regulatory authorities).

2011 marked 20 years after the setting up in Romania of the first entities dealing with radio spectrum management, since ROM-POST-TELECOM was reorganised into four autonomous administrations: Romtelecom, Romanian Post, Radiocommunications and the Inspectorate General for Radiocommunications (IGR), and the commercial company Bancpost.

In view of celebrating the 20 years of modern management of radio spectrum in Romania, ANCOM organised an exhibition of radio equipment, launched in Bucharest on 17 May 2011, on the World Telecommunication Day, and then relocated in Timisoara, Cluj and Iasi, where ANCOM's Regional Divisions are placed. The exhibition publicly displayed a collection of radio equipment, documents and various articles that illustrate the evolution of the Romanian communications over time. Among the exhibits, one could find the last ebon telephone sets produced in our country, telephone sets used on the battle field during the Second World War, the very first measurement equipment used by the Authority's experts, as well as a number of mobile phones offered by the first mobile telephone services operators in Romania, together with an impressive collection of stamps illustrating the telecommunication sector evolution over the years.

20 years of modern radio spectrum management were also marked by an international conference where high officials of European bodies and European regulators in the field, together with top managers of multinational telecom companies and representatives of well known consulting companies, all shared their experience in allocating the spectrum necessary for the development of broadband mobile services and for the identification of the strategic lines Romania should follow in elaborating the strategy for the development of broadband mobile services.

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7.2.1 Public consultation and communication with the industry

Through its website, in 2011, ANCOM launched 18 public consultations. 410 recommendations were received both in writing and during the five meetings of the Consultative Council; 107 of these were deemed grounded and therefore the ANCOM draft decisions were amended or completed correspondingly.

The public consultations launched by announcing and publishing the projects on the website constitute a stage prior to the Consultative Council meeting, a consultative forum for all interested parties to express their viewpoint with respect to Authority's projects: representatives of the providers and their associations, users' associations, other public bodies interested in the regulatory activity in the communications and postal service field.

Table 7.1 Public consultation in 2011

1. Number of normative acts adopted in 2011	9
2. Number of individual acts communicated in 2011	1
3. Number of drafts publicly announced in 2011:	18
- on the Authority's website	18
- by posting at the Authority's headquarters	18
- in mass-media	18
4. Number of drafts withdrawn	1
5. Number of non-normative drafts	3
6. Number of persons designated in charge of relations with the civil society	3
7. Total number of recommendations received	410*
8. Total number of recommendations included in decisions	107
9. Number of participants in the consultations with the industry	150*
10. Meetings of the Consultative Council	7
11. Consultative meetings with the industry and working groups	2
12. Number of decisions issued by the Authority, challenged in court as regards the observance of the public consultation procedure in 2010	0
13. Number of law suits against the public administration, for breaking the provisions of the law on decisional transparency	0

** includes the number of received and included recommendations on 3 draft decisions consulted in 2010, become effective in 2011 or the consultation period of which started in 2010 and ended in 2011, and does not include comments received on the draft electronic communications law. These recommendations were not included in the 2010 transparency report.

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7.2.2 Users' information and rights

ANCOM constantly grants special importance to informing, educating and advising the end-users. They may learn about their rights in relation with the providers of communications services by means of the dedicated section created on the Authority's website, i.e. *Consumer InfoCentre*. Besides, ANCOM website, as a whole, makes available to the public updated information on the Romanian communications market and on the activity of ANCOM.

Those interested in porting their telephone number may access related information on www.portabilitate.ro, and may check whether a certain number has been ported and in which network it is to be found.

The Authority promptly responded to the 1,482 requests of information and the 984 complaints which were directly submitted to it. Also in 2011, along with solving the precise issues pointed out by the users, ANCOM re-

quested the providers to remedy the breach of certain provisions of the relevant legislation having impact on a large number of users.

2011 also brought along a series of additional rights for the end-users, as a result of the new telecom package transposition in the national legislation and of the establishment of certain quality indicators for the Internet access service. The impact of these measures will become visible during 2012, when the contracts concluded by the electronic communications providers with the end-users will include certain clauses meant to ensure a better protection for the latter. Also, starting 2012 the telephone numbers may be ported within a three working days period.

Table 7.2 Requests of information in 2011

Requests for information by domains of interest ⁸ in 2011	1,482
Electronic communications	
telephony	149
Internet access	50
cable TV	41
market analyses/tariffs	57
authorisation (general authorisation, audiovisual, endorsement)	108
interconnection	2
radio frequencies	101
equipment	54
Postal services	37
Portability	185
Pornography	2
General information on ANCOM (contact data, organisation etc.)	167
Other	546
Solved requests	6
Rejected requests	1
Re-directed requests	18
Written requests	295

⁸Certain requests cover several domains of interest.

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on paper	5
by electronic means	290
Requests addressed on telephone	1187
Requests submitted by natural persons	1066
Requests submitted by legal persons	416
Administrative complaints	0
Complaints in Court	1
Total costs	0

Table 7.3 Complaints received by ANCOM in 2011

Complaints ⁹	984
Complaints by domain of interest	
Fixed telephony	
invoicing	23
technical problems	25
information	3
contract	47
other	11
quality	3
Mobile telephony	
invoicing	80
technical problems	8
information	15
fraud	11
contract	125
other	48
quality	16
roaming	6

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⁹Certain complaints refer to a number of domains of interest.

7 Communication

7.1 The objectives of 2011

7.2 Main communication activities in 2011

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Fixed Internet access services		
invoicing		10
technical problems		34
information		2
contract		50
other		6
quality		14
Mobile Internet access services		
invoicing		24
technical problems		3
information		2
contract		27
other		11
quality		19
roaming		7
CATV		
invoicing		7
technical problems		32
information		1
contract		71
other		11
Portability		
distinctive tone		5
technical problems		35
process info		16
deadline		31
other		58
Postal services		19
Radio spectrum		17
Pornography		20
Equipment		
EMF		24
terminal release		4
other		4
Other		58
IT		82

7 Communication

- 7.1 The objectives of 2011
- 7.2 Main communication activities in 2011

Petitions by network/service provider	
S.C. RCS & RDS S.A.	202
S.C. Orange Romania S.A.	137
S.C. Vodafone Romania S.A.	146
S.C. Cosmote RMT S.A	91
S.C. Romtelecom S.A.	110
S.C. UPC Romania S.R.L.	11
S.C. Telemobil S.A.	9
Romanian Post National Company	4
Other providers of electronic communications services/networks	27
Other providers of postal services	9
Complaints submitted by natural persons	841
Complaints submitted by legal persons	143
Solved complaints	30
Re-directed complaints	22
Complaints re-directed to the provider	91

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7.2.3 Communication with mass-media

During 2011, the journalists accredited by the Authority received 51 press releases and submitted 213 requests for information, reflected in more than 1,172 press materials.

Table 7.4 The Authority’s activity reflected by the mass-media, January – December 2011

Total number of mentions in the media, of which:	1,172
Written press, of which:	369
positive	21
neutral	329
negative	19
Electronic press	666
Radio-TV coverage	137

7 Communication

7.1 The objectives of 2011

7.2 Main communication activities in 2011

More than 74% of the media coverage was generated by the ANCOM sources (press releases, answers to requests for information, interviews, website, participation in events), most articles, irrespective of the source, being neutral.

Table 7.5 Information requests from mass-media, January – December 2011

Total number of requests	218
Requests by domains of interest (the most frequent)	
economic regulation	40
user protection and information	21
market data	19
legislation and legal issues	24
ANCOM organisation	35
portability	7
radio spectrum	49
digital television	9
controls	14
Solved requests	218
Unsolved requests	0
Withdrawn requests	0
Re-directed requests	0
Written requests	82
on paper	0
by electronic means	82
Requests addressed over telephone	136
Requests addressed personally	0
Total costs	no additional resources were necessary
Average answering timeframe for written requests	4.9 hours
Maximum answering timeframe for written requests	48 hours
Minimum answering timeframe for written requests	0 hours
Answering timeframe for the requests addressed over telephone	immediate

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**8 International relations
and projects financed
from European funds**

8.1 The 2011 objectives

8.2 ANCOM in Europe

8.3 Financing from structural funds

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8.1 The 2011 objectives

In 2011, ANCOM pursued a more active involvement in the decision-making process within the international organisations in which the Authority is part of, thus influencing the lines of action and the actual decisions to Romania's advantage and to the benefit of the Romanian consumers and industry, and to consolidate the bilateral relations with similar regulatory authorities from abroad – both from EU Member States and countries outside the EU – by signing collaboration agreements and mutually providing expertise and information in view of the protection and promotion of Romania's general interests. At a regional level, ANCOM aimed at both promoting the existing initiatives, with a view to facilitate the dissemination of the latest market information and data and to make known these initiatives in order to attract investments, as well as at strengthening the recognition of ANCOM as a powerful partner that contributes with new ideas and may thus influence the development of the sector in this part of Europe.

Hence, the general objectives of ANCOM concerned turning to good account Romania's statute as member of the European Union, enhancing

the ANCOM representation within the international bodies, placing ANCOM as a relevant actor on the international scene and developing relations with similar authorities in the region. Further on, among the specific objectives of ANCOM, the most important ones referred to achieving a vice-chairmanship position within BEREC for 2012, within the purpose of a more active involvement in the BEREC development, obtaining the position of Chairman of the ITU Council for 2013 and implicitly the position of Vice-chairman of the ITU Council in 2012, which would stand for the acknowledgement of Romania's efforts and of the quality of the international work undertaken by the Romanian experts and would allow our country to hallmark the development of ITU and, more generally, the development of the electronic communications sector. Another specific objective relates to the preparation of the works of the World Radiocommunication Conference 2012 (WRC-12) in the capacity of European coordinator for one of the conference agenda items.

8.2 ANCOM in Europe

Europe means to ANCOM the institutional system of the European Union and other European organisations, as well as the European states with which the Authority maintains bilateral relations. Therefore, in 2011, ANCOM represented the interests of Romania and of the national market of electronic communications and postal services in structures of the European Union (EU), in the Body of European Regulators for Electronic Communications (BEREC), Independent Regulators Group (IRG), European Conference of Postal and Telecommunications Administrations (CEPT), RAINWAT Arrangement (Regional Arrangement for Inland Waterways) and the European Telecommunications Standards Institute (ETSI).

As a public authority of an EU Member State, ANCOM is effectively involved in the decision-making process at the European level. Thus, during 2011, ANCOM continued to collaborate directly with the structures of the

European Commission, on the one hand, and with the Ministry of Communications and Information Society (MCSI) and with the Permanent Representation of Romania in Brussels, on the other hand, with a view to promote a consistent and coherent national position with respect to the European legislative projects.

At the EU level, the ANCOM activity is mainly carried out within the advisory technical bodies. Thus, within these bodies, ANCOM represented the national interests and cooperated with the representatives of the European Commission in view of adopting the implementation measures which resulted in the EC decisions amending Decision 2006/771/EC on harmonisation of the radio spectrum for use by short-range devices and Decision 2005/50/EC on the harmonisation of the 24 GHz range radio spectrum band for the time-limited use by automotive short-range radar

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equipment in the Community. Another amended normative document is Decision 2009/766/EC on the harmonisation of the 900 MHz and 1800 MHz frequency bands for terrestrial systems capable of providing pan-European electronic communications services in the Community.

In other words, in 2011, ANCOM continued to be actively involved in the European legislative process due to its capacity of body able to offer specialised expertise on technical matters, with a view to maximising the benefits of both Romanian and European users.

BEREC together with IRG were the bodies where ANCOM was mostly involved at the European level in 2011. The ANCOM experts contributed heavily in the project teams in which they were active, on issues such as net neutrality, international roaming, network security, fixed and mobile termination rates, universal service, regulatory accounting or Next Generation Networks. An achievement of ANCOM remains the co-chairmanship of the End-User PT and Romania's selection as host of the BEREC and IRG plenary meetings in December 2011. Also, within the newly created BEREC, the milestones of the future activities and work programmes were put, and the Authority played a significant role both in the Management Board and by appointing an ANCOM representative within the Selection Committee for candidates to certain positions in the BEREC Office.

Furthermore, as the EU structures are concerned, ANCOM is one of the members of the European Regulators Group for Post (ERGP), a platform that has recently began its activity and where experts of the Authority have pursued the promotion of the national interests in the postal sector, cooperating with similar authorities and European Commission representatives.

One of the most important European bodies in the field of electronic communications and postal services, which is not part of the EU institutional set up, is the European Conference of Postal and Telecommunications Administrations (CEPT). As until now, in 2011, ANCOM actively participated in all three CEPT structures: the Electronic Communications Committee (ECC), the European Committee for Postal Regulation (CERP) and the Committee for ITU Policy (Com-ITU).

ANCOM participated in the plenary meetings of the ECC, as well as in the reunions of certain working groups and project teams (WG FM, WG SE, WG CPG, PT1) which mainly deal with radio spectrum management is-

sues, in order to oversee spectrum usage harmonisation and to promote Romania's interests in the decisions taken within the ECC.

Certain decisions adopted according to the ECC Working Programme for 2011 are of special importance to ANCOM, such as the ECC *Decision concerning the protection of the Earth exploration satellite service (passive) in the 1400 - 1427 MHz band, the industrial Level Probing Radars (LPR) operating in frequency bands 6 - 8.5 GHz, 24.05 - 26.5 GHz, 57 - 64 GHz and 75 - 85 GHz, the harmonised frequency arrangements for IMT systems used for mobile/fixed communications networks (MFCN) in frequency bands 3.4 - 3.6 GHz and 3.6 - 3.8 GHz*. Also, for the preparation of ECC decisions and recommendations, reports have been elaborated that result from compatibility studies between various radiocommunications applications carried out within the working groups. On the basis of mandates formulated by the European Commission, studies have been developed within the ECC concerning: *the compatibility between UMTS and existing and planned aeronautical systems above 960 MHz, the compatibility between LTE and WiMAX operating within the bands 880-915 MHz / 925-960 MHz and 1710-1785 MHz / 1805-1880 MHz, the harmonisation of the radio spectrum for use by short-range devices (SRDs)*.

More precisely, the Authority has been involved – by directly intervening within the meetings or by communicating information and data for the ECC reports – in the works of most of the working groups with responsibilities mainly in the area of management of limited resources, such as numbering, use of the 7 GHz and 8 GHz frequency bands for the fixed service in Europe, use of the 900/1800 MHz frequency bands, studies of electromagnetic compatibility between the MSS CGC services (Mobile Satellite Service-Complementary Ground Component) in the 2483.5 – 2500 MHz band and the IMT services in the 2500 – 2690 MHz band, fulfilment of the mandates formulated by the European Commission (MSS, UWB, SRR, MCV etc.).

The 2011 work agenda of CERP mainly focused on debates concerning its own Rules of Procedure. Thus, it was decided to establish only two working groups within CERP: *Policy and Cooperation with the Universal Postal Union*. The emphasis was put on the necessity to implement a new collaboration programme between CERP and the management structures of the European Union.

The activity carried out within the group created for reviewing the international telecommunication treaty, in order to make sure that Romania has its say on the upgrade of this important act, represented a major accomplishment of 2011 within the Com-ITU.

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ANCOM further held the chairmanship of RAINWAT in 2011. During the mandate of the Romanian representative, the works carried with a view to harmonise and optimize the text of the RAINWAT Regional Arrangement were concluded. Furthermore, it was decided to hold a signing ceremony in Bucharest in 2012 and to give to the new text the generic title of "Bucureşti Arrangement".

In 2011, ANCOM participated, in its capacity as a technical expertise body, to the joint reunions of the International Maritime Organization (IMO) with the European bodies in charge of issues concerning maritime telecommunications. At the reunion of the IMO COMSAR subcommittee, the ANCOM delegate was nominated by the IMO Secretariat as Chairman of the special working group that directly reported to the COMSAR plenary and finalized the IMO position on the points of interest from the WRC-12 agenda.

The ANCOM representative was present at the CPM 11 reunions where he was involved in the completion of the CPM Report concerning Chapter 1 of the WRC-12 agenda, namely maritime radiocommunications (items 1.9 and 1.10), being nominated at the same time by CEPT as European coordinator for agenda item 1.10.

Moreover, in its quality of member of the European Telecommunications Standards Institute (ETSI) since 2010, the main European standards organization in the telecom field, ANCOM has successfully fulfilled the role of representative of the Romanian administration. In 2011, ANCOM representatives continued to take part in the ETSI General Assembly and to

ANCOM in our region

Following the proposal made by ANCOM in 2010 and adopted during a regional event that took place in the same year in Belgrade, ANCOM invited in 2011 the regulatory authorities from the region to take part to the establishment of a regional group and creation of a portal dedicated in a first phase to coordinating the frequency spectrum usage for mobile communications (800 MHz, 2600 MHz), ANCOM taking on the coordination. Twelve authorities from eleven countries responded to the invitation launched by ANCOM and thus the first meeting of the CEE Regional Working Group took place in Bucharest, on 12 May. During this meeting, the main principles for cooperation within the group have been agreed. In

seminars and workshops on topics of interest for the Romanian market, among which next generation networks technologies and network security. The ANCOM specialists counted themselves among the members of the team that elaborated the standards within Telecommunications and Internet converged Services and Protocols for Advanced Networks Committee (TISPAN).

Concerning bilateral relations, ANCOM maintained and strengthened the collaboration with most similar European authorities, whereas a particular emphasis was put on reinforcing the relations with the National Regulatory Agency for Electronic Communications and Information Technology of the Republic of Moldova (ANRCETI) and with the Agency for Electronic Communications of the Republic of Macedonia (AEC), by signing Memoranda of Understanding with these entities. The aforementioned memoranda have established the necessary framework for cooperation and information exchange between the regulatory authorities in the field of regulation and monitoring of the electronic communications and postal services sectors. The two collaboration agreements signed by ANCOM are mainly aimed at promoting the exchange of information regarding the legal framework which applies to the electronic communications and postal sector, as well as the exchange of experience inasmuch as regulation and consultation in these fields are concerned. Furthermore, these agreements are intended for upholding the regulatory activities undertaken by both institutions with a view to promoting competition in the electronic communications sector and the end-users' interests, in line with the European and international best practices.

the course of 2011, ANCOM created, from its own resources, a first version of the regional portal, www.CEERegionalWorkingGroup.net, and the initiative was promoted at the international level. The regional project initiated by ANCOM enjoyed a special attention from the ITU, an organisation which was represented at the group meeting. Furthermore, during 2011, ANCOM prepared the first technical meeting of the group, scheduled to take place on 29-30 March 2012 in Bucharest, on issues concerning the coordination of the use of the 800 MHz and 2600 MHz frequency bands, as well as the planning and organisation of the spectrum auctions.

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International events in Romania

In 2011, ANCOM organised a series of international events which contributed to enhancing its international visibility and its relevance on international level, as well as to its placing as a regional leader, our institution being thus able to contribute to the promotion of the national interests on an international level. The most significant event of 2011 has been the international conference "Radio spectrum strategies – necessity, opportunity, involvement", which took place in Bucharest, on 12 May 2011. The list of invited speakers included high representatives of the ITU and of the European Commission, high officials of European regulatory authorities, as well as high executives of multinational telecom groups present in the region and of well-known consulting companies in the field. It is common knowledge that radio spectrum is a key resource underpinning one of the world's most dynamic sectors: wireless communications. Nevertheless, given its finite character, its allocation requires efficient coordination and proper regulation at national and international level since a better regulation of radio spectrum will release the full socio-economic potential of this scarce resource. In 2011, alongside the celebration of 20 years of radio spectrum management, Romania planned to elaborate strategies that would allow for the efficient use of radio spectrum and the allocation of new bands for the new BWA technologies, while offering predictability to the economic environment. Creating a framework for the invited speakers to share their experiences on this topic was extremely useful in view of establishing successful approaches that would further ensure a swift development of the telecommunication industry.

Another important moment of 2011 was the visit of Mr. Chris Fonteijn, the Chairman of BEREC for 2011 and President of the Dutch regulatory authority (OPTA). Mr. Fonteijn held a series of meetings with the management of ANCOM, with the Minister of Communications and Information Society, as well as with the Ambassador of the Netherlands in Romania, Her Excellency Ms. Maria Wilhelmina Josepha Antonia van Gool. During his visit, the BEREC official has appreciated the evolution of the Romanian telecom sector.

ANCOM also received the visit of Mr. Malcolm Johnson, Director of the ITU Telecommunication Standardization Bureau. The visit to Romania of the ITU high official represented an opportunity in the frame of Romania's efforts towards its positioning as a regional leader in the electronic com-

munications field and in the perspective of promoting the national efforts within the ITU. Throughout his stay in Romania, Mr. Johnson had several meetings with the Minister of Communications and Information Society, with the ANCOM Board of Directors, as well as with representatives of the academia.

Furthermore, as a member of BEREC, ANCOM hosted the plenary meeting of this European body (Bucharest, 8-9 December 2011). BEREC was established in 2010 by a Regulation of the European Parliament and of the Council, replacing the European Regulators Group (ERG) within which ANCOM had activated ever since 2004. During the plenary meeting held in Bucharest, BEREC elected its chair and vice-chairs for 2012. The President of ANCOM, Mr. Catalin Marinescu, was one of the BEREC vice-chairs elected for 2012. Moreover, BEREC decided to consult stakeholders on an appropriate medium term strategy and approved a draft strategy for the purpose of the consultation. Another outcome of the meeting was the decision to conduct consultations on matters such as the promotion of broadband, NGA co-investment and the impact of fixed-mobile substitution in market definition. BEREC also decided to issue Guidelines on transparency in the context of net neutrality. Specific types and means of information are recommended to enhance consumer empowerment and regulators are to ensure that effective transparency is achieved nationally. ANCOM also hosted another series of events, among which the visit of Ms. Neelie Kroes, vice-president of the European Commission (Bucharest, 10-11 July 2011), the Com-ITU meeting (Cluj-Napoca, 3-4 May 2011), a WRC-12 preparatory meeting (CPG-12, 1-4 November 2011), the meeting of Project Team on technical regulatory issues (NaN PT TRIS) within the ECC Numbering and Networks Working Group (WG NaN) (Bucharest, 4-5 October 2011), as well as the meeting of the working group on end-user satisfaction and market monitoring within ERGP (Bucharest, 22-23 September 2011).

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8.3.1 Project “Online application for comparing the communications offers intended for the end-users”

In 2011, ANCOM obtained a non-reimbursable financing amounting to RON 886,198.32 in view of creating the online application for comparing the electronic communications offers intended for the end-users. This project is part from the Sector Operational Programme “Increase of Economic Competitiveness”, Priority Axis 3 “Information Technology and Communications for the private and public sectors”, Key Area of Intervention 2 “Developing and increasing the efficiency of electronic public services” Operation 1 “Supporting the setting-up of e-government solutions along with the necessary broadband connectivity (if the latter is needed)”.

The specific objective of the project consists in the elaboration, management and making publicly available of a webpage which could provide comparative information on the tariffs and conditions offered by the providers of the three main types of publicly available electronic communications services – fixed telephony, mobile telephony and broadband Internet access – by means of a “price calculator” interactive application.

8.3.2 Project “E-ANCOM.RO - The ANCOM e-learning Platform”

ANCOM obtained the financing for this project in 2011 within the Sector Operational Programme “Increase of Economic Competitiveness”, Priority Axis 3 “Information Technology and Communications for private and public sectors”, Key Area of Intervention 2 “Developing and increasing the efficiency of electronic public services” Operation 3 “Supporting the setting-up of E-Learning solutions”.

The specific objective under this project is to implement an e-learning system that would allow for the online training of the ANCOM employees, radioamateurs and radio operators in the land mobile service throughout the country, students of specialty faculties, as well as employees of other relevant interested entities. The envisaged training areas are: radiocommunications, IT for users, public procurement, labour legislation etc.

The overall objective of the project is to develop an e-learning portal which would facilitate the access to information and provide state-of-the-art technological support for the purpose of rendering more efficient the process of learning, professional improvement and continuous information.

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9.1 Management/internal control system improvement

In 2011, the ANCOM team continued the process of improving the management system, in line with the globally accepted best practice principles and with the requirements of the *Internal Control Code applicable within the public entities*, approved by Order no. 946/2005 issued by the Ministry of Public Finances. The management/internal control system comprises self control mechanisms, while the measure applied in view of increasing its effectiveness rely on risk assessment.

The ANCOM internal audit activity in 2011 was audited by UCAAPI (Central Harmonisation Unit of Internal Public Audit). Most of the Authority's ratings were very good and ANCOM was shown as an example of good practice, standing for an additional acknowledgement of a body which carries out its activity in compliance with the legislation, the standards, the internal procedures etc.

The ANCOM orientation toward continuous quality improvement and toward entirely fulfilling its role and functions was confirmed by the certifi-

cate of conformity with the requirements of the international standard ISO 9001:2008, obtained this year.

In 2011, the ANCOM management team remained focused on maintaining and developing an organisation culture oriented towards increasing performance, by promoting the idea that people are the Authority's most valuable resource.

The management team's approach in the domain of human resources targeted mainly the existence of a proper framework for the professional development of the employees and for encouraging the young professionals-to-be to specialise themselves in the communications field.

9.2. Personnel development and career management

Continuous learning is part of our organisational culture and each employee is aware of his/her direct contribution to creating excellence within ANCOM, by means of permanent improvement and a constant reevaluation of knowledge within the organisation.

In view of upholding the principle of continuous professional training, in accordance with the policy adopted for 2011, a special attention was granted to the personnel's development, by initiating and encouraging participation in training programmes, including internal courses delivered by lecturers from among the employees.

In 2011, ANCOM fostered the internal lecturer's skills of as many employ-

ees with high professional expertise as possible, in view of facilitating an optimum transfer of knowledge towards the other employees.

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Landmarks

Development of ANCOM personnel

- **93%** of the employees attended professional training programmes: **a 28% increase compared to 2010**
- **6.84** – average number of days of training per employee: **a 12.4% increase compared to 2010**

Focus on internal training

- **83%** of the employees attended internal professional training sessions: **a 78% increase compared to 2010**

ANCOM personnel career management

- **640 employees**, by end-2011
 - 82% of the employees with higher education**, among which:
 - 60% - technical studies;
 - 23% - economic studies;
 - 9% - legal studies;
 - 8% - other higher education studies.

- **88% of the employees have a high specialization level**
- **9% of the employees underwent professional advancement**

9.5 ANCOM – an employer supporting wannabe young specialists

The Authority's concern for the development of professional skills was not limited to ANCOM employees but, the same as in the previous years, was extended to the Romanian education market, out of the desire to contribute to the practical preparation of wannabe communications engineers and to place itself as a possible employer of the future graduates.

Therefore, in 2011, ANCOM actively involved in preparing the wannabe specialists, by organising a series of training sessions for the students in the terminal years of the Electronics and Telecommunications Faculties

9.3 Professional ethics and conduct

In line with its intention to develop and maintain trust-based relations with all the categories of public involved in, and interested in, its activity – communications services end-users, communications services providers, own employees, other state bodies, mass-media, foreign organisations etc. -, ANCOM initiated in 2011 a pilot-project in view of researching the level of understanding by a part of the Authority's employees of the principles and rules embedded in the Code of Professional Ethics and Conduct.

As well, in 2011, ANCOM carried out a series of activities dedicated to raising internal awareness on the Code of Professional Ethics and Conduct, namely workshops moderated by the counsellor for ethics, aimed at a proper and clear understanding of the concept of ethics within the organisation.

9.4. Labour health and safety

ANCOM management took the necessary steps towards protecting employees' health and informing them on the proper principles and measures for a healthy life, on the security and health at their working place. There were no labour accidents.

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Balance sheet as of 31.12.2011

code 01				lei
No.	Indicators	Row Code	Balance account at the beginning of the year	Balance account at the end of the year
A	B	C	1	2
A	ASSETS	01		
I.	NON-CURRENT ASSETS	02		
1.	Intangible fixed assets (account 203+205+206+208+233-280-290-293*)	03	3,371,434	16,893,205
2.	Technical installations, transport means, animals, plantations, furniture, bureautics and other tangible assets (account 213+214+231-281-291-293*)	04	102,086,283	116,154,583
3.	Land and buildings (account 211+212+231-281-291-293*)	05	63,109,434	63,260,379
4.	Other non-financial assets (account 215)	06	0	0
5.	Non-current financial assets (long-term investments) - over 1 year (account 260+265+2671 +2672+2673+2675+2676+2678+2679-296)	07	39,279	39,279
	Participation titles (260-296)	08	0	0
6.	Non-current debts – amounts to be received after more than 1 year, of which: (account 4112+4118+4282+4612-4912-4962) of which:	09	0	0
	Non-current commercial debts - amounts to be received after more than 1 year (account 4112+4118+4612-4912-4962)	10	0	0
7.	TOTAL NON-CURRENT ASSETS (row 03+04+05+06+07+09)	15	168,606,430	196,347,446
	CURRENT ASSETS	18	x	x
1.	Stocks (account 301+302+303+304+305+307+309+331+332+341+345+346+347 + 349+351+354+356+357+358+359+361+371+381+/-348+/-378-391-392-393-394-395-396-397- 398)	19	5,667,930	5,987,473
2.	Current debts - amounts to be received in less than 1 year	20	x	X
	Debts from commercial operations, prepayments and other offsets (account 232+234+409+4111+4118+413+418+425+4282+4611+473**+481+482+483-4911-4961+5128) of which:	21	14,569,918	16,280,338
	Commercial debts and prepayments (account 232+234+409+4111+4118+413+418+4611-4911- 4961) of which:	22	14,561,382	16,275,136

10 Financial data

code 01				lei
No.	Indicators	Row Code	Balance account at the beginning of the year	Balance account at the end of the year
	Prepayments granted (account 232+234+409)	22.1	2,401	1,014
	Budgetary debts (account 431**+437**+4424+4428**+444**+446**+4482+461+463+464+465+4664+4665+4669+481+482-497) of which:	23	36,052	828,946
	Debts of the general consolidated budget (account 463+464+465+4664+4665+4669-497)	24	0	0
	Debts from operations with non-refundable external funds and budget funds (account 4501+4503+4505+4507+4511+4513+4515+4531+4541+4543+ 4545+4551+4553+4561+4563+4571+4572+4573+4581+4583+ 473**+474+476) of which:	25	0	90,496
	Amounts to be received from the European Commission (account 4501+4503+4505+4507)	26	0	3,423
	Short-term loans granted (account 2671+2672+2673+2675+2676+2678+2679+4681+4682+4683+ 4684+4685+4686+4687+4688+4689+469)	27	0	0
	Total current debts (row 21+23+25+27)	30	14,605,970	17,199,780
3.	Short-term investments (account 505-595)	31	0	0
4.	Accounts in treasury and credit institutions:	32	0	0
	Accounts in treasury, cash, other values, treasury prepayments (account 510+5121+5125+5131+5141+5151+5153+5161+5171+5187+5201+5211+5212+ 5213+5221+5222+523+524+5251+5252+5253+526+527+528+ 5291+ 5292+5293+5294+5299+5311+ 532+542+550+551+552+553+554+555+556+557+5581+5582+ 5591+ 5601+5602+561+562+5711+5712+5713+5714+5741+5742+5743+5744) of which:	33	422,206,163	426,916,755
	deposits (account 5153+5187+5222+550+5602+5714+5744)	34	200,722,222	291,141,458
	Accounts in credit institutions, cash, treasury prepayments (account 5112+5121+5124+5125+5131+5132+5141+5142+5151+5152+ 5153+ 5161+5162+5171+5172+5187+5314+5411+5412+542+550+5583+ 5592+5601+5602) of which:	35	4,652,645	62,387
	deposits (account 5153+5187+5602)	36	0	0
	Total liquid assets (row 33+35)	40	426,858,808	426,979,142
5.	Liquid assets accounts of the Central Treasury (account 5126+5127+5187+5201+5202+5203+5241+5242+5243)	41	0	0
6.	Expenditures in advance (account 471)	42	37,203,103	24,434,136
7.	TOTAL CURRENT ASSETS (row 19+30+31+40+41+42)	45	484,335,811	474,600,531
8.	TOTAL ASSETS (row 15+45)	46	652,942,241	670,947,977
B.	DEBTS	50	x	x
	NON-CURRENT DEBTS – amounts to be paid within a period longer than 1 year	51	x	x
1.	Non-current payables – amounts to be paid within a period longer than 1 year (account 269+401+403+4042+405+4622+509) of which:	52	0	0

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No.	Indicators	Row Code	Balance account at the beginning of the year	Balance account at the end of the year
	Commercial debts (account 401+403+4042+405+4622)	53	0	0
2.	Long-term loans (account 1612+1622+1632+1642+1652+1661+1662+1672+168-169)	54	81,139,654	41,073,536
3.	Provisions (account 151)	55	0	0
	TOTAL NON-CURRENT DEBTS (row 52+54+55)	58	81,139,654	41,073,536
	CURRENT DEBTS – amounts to be paid within less than 1 year	59	x	x
1.	Commercial debts, prepayments and other offsets (account 401+403+4041+405+408+419+4621+473+481+482+483+269+509+5128) of which:	60	2,514,187	4,670,843
	Commercial debts and prepayments (account 401+403+4041+405+408+419+4621)	61	2,514,187	4,670,625
	Prepayments received (account 419)	61.1	0	0
2.	Debts to budgets (account 431+437+440+441+4423+4428+444+446+4481+4555+4671+4672+4673+4674+4675+4679+473+481+482) of which:	62	2,157,204	1,986,813
	Debts of public institutions to budgets (account 431+437+4423+4428+444+446+4481)	63	2,157,204	1,986,813
	Social contributions (account 431+437)	63.1	692,485	1,503,867
	Amounts owed to the budget from non-refundable external funds (account 4555)	64	0	0
3.	Debts from operations with non-refundable external funds and budget funds, other debts to other international bodies (account 4502+4504+4506+4512+4514+4516+4521+4522+4532+4542+4544+4546+4552+4554+4564+4584+4585+459+462+473+475)	65	0	0
	of which: amounts owed to the European Commission (account 4502+4504+4506+459+462)	66	0	0
4.	Short-term loans - amounts to be paid within less than 1 year (account 5186+5191+5192++5193+5194+5195+5196+5197+5198)	70	0	0
5.	Long-term loans - amounts to be paid during the current financial year (account 1611+1621+1631+1641+1651+1661+1662+1671+168-169)	71	41,486,858	43,272,420
6.	Employees' salaries (account 421+423+426+4271+4273+4281)	72	2,078,224	2,493,486
7.	Other rights of other categories of persons (pensions, unemployment indemnities, grants) (account 422+424+426+4272+4273+429+438)	73	0	0
	Pensions, unemployment indemnities, grants (account 422+424+429)	73.1	0	0
8.	Revenues in advance (account 472)	74	0	0
9.	Provisions (account 151)	75	0	0
10.	TOTAL CURRENT DEBTS (row 60+62+65+70+71+72+73+74+75)	78	48,236,473	52,423,562
11.	TOTAL DEBTS (row 58+78)	79	129,376,127	93,497,098
12.	NET ASSETS = TOTAL ASSETS - TOTAL DEBTS = OWN CAPITALS (row 80= rows 46 – 79= row 90)	80	523,566,114	577,450,879
C.	OWN CAPITALS	83	x	x

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No.	Indicators	Row Code	Balance account at the beginning of the year	Balance account at the end of the year
1.	Reserves, funds (account 100+101+102+103+104+105+106+131+132+133+134 +135+136+137+1391+1392+1393+1394+1396+1399)	84	22,341,703	27,470,802
2.	Reported result (account 117-credit items)	85	437,896,565	501,148,854
3.	Reported result (account 117-debit item)	86	0	0
4.	Patrimony result of the financial year (account 121 - credit item)	87	63,327,846	48,831,223
5.	Patrimony result of the financial year (account 121 – debit item)	88	0	0
6.	TOTAL OWN CAPITALS (row 84+85-86+87-88)	90	523,566,114	577,450,879

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Contul de execuție a bugetului instituțiilor publice – cheltuieli la data de 31.12.2011

lei									
INDICATORS	Indicator code	Engagement credits	Budgetary credits		Budgetary engagements	Legal engagements	Payments	Legal engagements to be paid	Effective expenditure
			Initial	Final					
A	B	1	2	3	4	5	6	7= 5-6	8
TOTAL EXPENSES (01+70+79+84)	85.10.	74,670,000	308,341,000	308,341,000	236,880,173	242,777,333	225,006,967	17,770,366	199,767,557
CURRENT EXPENSES (10+20+30+40+50+51+55+56+57+59+65)	01	24,748,000	183,174,000	183,174,000	149,583,013	149,695,231	139,073,952	10,621,279	147,012,141
TITLE I PERSONNEL EXPENSES (code 10.01+10.02+10.03)	10	0	68,308,000	68,308,000	58,729,159	58,729,159	54,310,624	4,418,535	53,804,360
Cash wage expenses (code 10.01.01 to 10.01.30)	10.01	0	51,910,000	51,910,000	44,974,995	44,974,995	41,522,936	3,452,059	41,276,305
Basic wages	10.01.01	0	47,300,000	47,300,000	42,761,077	42,761,077	39,467,381	3,293,696	39,140,939
Productivity bonus	10.01.02	0	0	0	0	0	0	0	0
Management indemnity	10.01.03	0	0	0	0	0	0	0	0
Seniority increment	10.01.04	0	0	0	0	0	0	0	0
Working condition bonuses	10.01.05	0	0	0	0	0	0	0	0
Other bonuses	10.01.06	0	2,100,000	2,100,000	1,116,990	1,116,990	999,303	117,687	1,116,990
Extra-hours	10.01.07	0	0	0	0	0	0	0	0
Prize funds	10.01.08	0	0	0	0	0	0	0	0
Vacation bonus	10.01.09	0	12,000	12,000	10,914	10,914	10,914	0	0
Fund for positions filled through cumulation	10.01.10	0	0	0	0	0	0	0	0
Fund related to hourly payment	10.01.11	0	0	0	0	0	0	0	0
Allowances paid to persons outside the institution	10.01.12	0	0	0	0	0	0	0	0
Delegation allowance	10.01.13	0	360,000	360,000	235,618	235,618	234,968	650	237,610
Secondment allowance	10.01.14	0	0	0	0	0	0	0	0
Allowances for transportation costs to and from the workplace	10.01.15	0	0	0	0	0	0	0	0
Allowances for lodgment	10.01.16	0	0	0	0	0	0	0	0
Other cash wage rights	10.01.30	0	2,138,000	2,138,000	850,396	850,396	810,370	40,026	780,766
Wage expenses in kind (code 10.02.01 to 10.02.30)	10.02	0	1,358,000	1,358,000	1,179,756	1,179,756	1,179,756	0	1,179,675
Lunch tickets	10.02.01	0	1,358,000	1,358,000	1,179,756	1,179,756	1,179,756	0	1,179,675

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			Initial	Final					
Nourishment norms	10.02.02	0	0	0	0	0	0	0	0
Uniforms and mandatory equipment	10.02.03	0	0	0	0	0	0	0	0
Company accommodation used by the employee and the employee's family	10.02.04	0	0	0	0	0	0	0	0
Transportation to and from the workplace	10.02.05	0	0	0	0	0	0	0	0
Holiday Tickets	10.02.06	0	0	0	0	0	0	0	0
Other wage rights in kind	10.02.30	0	0	0	0	0	0	0	0
Contributions (code 10.03.01 to 10.03.06)	10.03	0	15,040,000	15,040,000	12,574,408	12,574,408	11,607,932	966,476	11,348,380
Contributions to state social insurance	10.03.01	0	11,184,000	11,184,000	9,393,290	9,393,290	8,663,039	730,251	8,576,668
Contributions to unemployment insurance	10.03.02	0	269,000	269,000	223,199	223,199	205,744	17,455	204,424
Contributions to social health insurance	10.03.03	0	2,796,000	2,796,000	2,351,711	2,351,711	2,168,748	182,963	2,147,429
Contributions to labour accidents and professional diseases	10.03.04	0	91,000	91,000	75,857	75,857	69,958	5,899	69,262
Life insurances paid by employer for employees	10.03.05	0	0	0	0	0	0	0	0
Contributions for vacations and indemnities	10.03.06	0	700,000	700,000	530,351	500,443	29,908	350,597	350,597
TITLE II GOODS AND SERVICES (code 20.01 to 20.36)	20	0	52,308,000	52,308,000	34,846,052	34,846,052	28,781,356	6,064,696	27,975,256
Goods and services (code 20.01.01 to 20.01.30)	20.01	0	19,964,000	19,618,476	12,076,103	12,076,103	10,581,382	1,494,721	10,622,026
Office furniture	20.01.01	0	361,000	342,592	152,699	152,699	152,637	62	230,964
Cleaning materials	20.01.02	0	154,000	152,884	47,933	47,933	47,933	0	99,167
Heating, electricity and motive power/propelling force	20.01.03	0	1,965,000	2,045,720	1,651,400	1,651,400	1,516,585	134,815	1,519,950
Water, sewerage and waste	20.01.04	0	132,000	133,000	80,844	80,844	71,839	9,005	70,991
Fuel and lubricants	20.01.05	0	1,482,000	1,482,000	1,290,721	1,290,721	1,056,185	234,536	1,074,046
Spare parts	20.01.06	0	268,000	272,200	129,466	129,466	129,466	0	111,793
Transport	20.01.07	0	0	0	0	0	0	0	0
Post, telecommunications, radio, TV, Internet	20.01.08	0	2,513,000	2,513,000	1,929,825	1,929,825	1,565,836	363,989	1,548,303

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			Initial	Final					
Materials and services with functional character	20.01.09	0	3,282,000	3,282,000	2,276,748	2,276,748	2,164,552	112,196	2,127,057
Other goods and services for maintenance and operation services	20.01.30	0	9,807,000	9,395,080	4,516,467	4,516,467	3,876,349	640,118	3,839,755
Current repairs	20.02	0	1,175,000	1,230,000	654,572	654,572	550,159	104,413	546,280
Nourishment (code 20.03.01+20.30.02)	20.03	0	0	0	0	0	0	0	0
Nourishment for people	20.03.01	0	0	0	0	0	0	0	0
Nourishment for animals	20.03.02	0	0	0	0	0	0	0	0
Medication and medical supplies (code 20.04.01 to 20.04.04)	20.04	0	0	0	0	0	0	0	0
Medication	20.04.01	0	0	0	0	0	0	0	0
Medical supplies	20.04.02	0	0	0	0	0	0	0	0
Reagents	20.04.03	0	0	0	0	0	0	0	0
Disinfectants	20.04.04	0	0	0	0	0	0	0	0
Goods such as inventory objects (code 20.05.01 to 20.05.30)	20.05	0	424,000	429,004	174,471	174,471	173,119	1,352	104,193
Uniforms and equipment	20.05.01	0	0	0	0	0	0	0	0
Bedclothes and bed accessories	20.05.03	0	0	0	0	0	0	0	0
Other inventory objects	20.05.30	0	424,000	429,004	174,471	174,471	173,119	1,352	104,193
Delegations, secondments, transfers (cod 20.06.01+20.06.02)	20.06	0	2,660,000	3,020,000	2,496,559	2,496,559	2,494,034	2,525	2,478,462
Internal delegations, secondments, transfers	20.06.01	0	1,220,000	1,580,000	1,404,764	1,404,764	1,403,610	1,154	1,400,800
Abroad delegations	20.06.02	0	1,440,000	1,440,000	1,091,795	1,091,795	1,090,424	1,371	1,077,662
Laboratory materials	20.09	0	0	0	0	0	0	0	0
Research and Development	20.10	0	0	0	0	0	0	0	0
Books, publications and documentary materials	20.11	0	189,000	189,000	55,586	55,586	50,660	4,926	51,330
Consultancy and expertise	20.12	0	9,960,000	9,960,000	6,137,827	6,137,827	1,724,088	4,413,739	1,683,796
Professional training	20.13	0	1,000,000	1,030,000	1,006,929	1,006,929	1,004,159	2,770	1,008,821
Workplace safety	20.14	0	296,000	296,000	85,639	85,639	74,445	11,194	100,761

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			Initial	Final					
Ammunition, supplies and weaponry of the nature of fixed assets for the military	20.15	0	0	0	0	0	0	0	0
Studies and surveys	20.16	0	0	0	0	0	0	0	0
Payments for the financing of the genetic heritage of animals	20.18	0	0	0	0	0	0	0	0
Contributions of the local public administration to the implementation of works and services of public local interest, on the basis of conventions or association contracts	20.19	0	0	0	0	0	0	0	0
Rehabilitation of infrastructure floods programme for local public administration	20.20	0	0	0	0	0	0	0	0
Meteorology	20.21	0	0	0	0	0	0	0	0
Financing of actions in water domain	20.22	0	0	0	0	0	0	0	0
Flooding and frost prevention and control	20.23	0	0	0	0	0	0	0	0
Allowances and other costs generated by loans (code 20.24.01 to 20.24.04)	20.24	0	140,000	140,000	47,344	47,344	47,344	0	47,408
Allowances and other costs generated by external loans	20.24.01	0	140,000	140,000	47,344	47,344	47,344	0	47,408
Allowances and other costs generated by internal loans	20.24.02	0	0	0	0	0	0	0	0
Establishment of the country risk	20.24.03	0	0	0	0	0	0	0	0
Allowances and other costs generated by loans engaged by the Ministry of Public Finances pursuant to Government Emergency Ordinance no.64/2007	20.24.04	0	0	0	0	0	0	0	0
Legal and extralegal expenses derived from representing state interests, according to the legal provisions	20.25	0	230,000	230,000	39	39	39	0	39
Gift Tickets	20.27	0	0	0	0	0	0	0	0
Legal public support	20.28	0	0	0	0	0	0	0	0
Other expenses (code 20.30.01 to 20.30.30)	20.30	0	16,270,000	16,165,520	12,110,983	12,110,983	12,081,927	29,056	11,332,140
Advertisement and publicity	20.30.01	0	1,098,000	1,098,000	0	0	0	0	0

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Protocol and representation	20.30.02	0	2,714,000	2,714,000	1,063,740	1,063,740	1,062,004	1,736	1,056,705
Non-life insurances	20.30.03	0	400,000	400,000	208,370	208,370	208,370	0	230,779
Rents	20.30.04	0	10,221,000	10,181,000	9,542,632	9,542,632	9,523,486	19,146	8,749,948
Providing services for rights transmission	20.30.06	0	0	0	0	0	0	0	0
President's Fund/Fund of the institution's manager	20.30.07	0	270,000	270,000	135,226	135,226	135,226	0	135,249
Prime Miniser's Fund	20.30.08	0	0	0	0	0	0	0	0
Forced execution of budgetary debts	20.30.09	0	37,000	37,000	0	0	0	0	0
Other expenses for goods and services	20.30.30	0	1,530,000	1,465,520	1,161,015	1,161,015	1,152,841	8,174	1,159,459
Financing of health related actions within health units from the local public administration network	20.31	0	0	0	0	0	0	0	0
Financing of national health related programmes carried out by health units from the local public administra-tion network	20.32	0	0	0	0	0	0	0	0
Financing of medical assistance carried out in the medical cabinets within educational units	20.33	0	0	0	0	0	0	0	0
Financing from the Health Ministry's own incomes for health related actions within health units from the local public administration network	20.34	0	0	0	0	0	0	0	0
Financing from the Health Ministry's own incomes for national health related programmes carried out by health units from the local public administration network	20.35	0	0	0	0	0	0	0	0
Financing of forensic cabinets within health units from the local public administration network	20.36	0	0	0	0	0	0	0	0
TITLE III INTERESTS (code 30.01+30.02+30.03+30.04)	30	0	16,734,000	16,734,000	16,323,908	16,323,908	16,323,908	0	25,573,670
Interest related to the internal public debt (code 30.01.01+ 30.01.02)	30.01	0	0	0	0	0	0	0	0
Interests related to the direct internal public debt	30.01.01	0	0	0	0	0	0	0	0

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Interests related to the guaranteed internal loans	30.01.02	0	0	0	0	0	0	0	0
Interest related to the external public debt (code 30.02.01 to 30.02.05)	30.02	0	16,734,000	16,734,000	16,323,908	16,323,908	16,323,908	0	25,573,670
Interests related to the direct external public debt	30.02.01	0	0	0	0	0	0	0	0
Interest related to the external debts contracted by the credit principals	30.02.02	0	16,734,000	16,734,000	16,323,908	16,323,908	16,323,908	0	25,573,670
Interests related to the guaranteed external loans and/or subsidized direct loans	30.02.03	0	0	0	0	0	0	0	0
Interests related to the local external public debt	30.02.05	0	0	0	0	0	0	0	0
Other interests (code 30.03.01 to 30.03.05)	30.03	0	0	0	0	0	0	0	0
Interests related to the loans from the treasury fund	30.03.01	0	0	0	0	0	0	0	0
Interest owed to the state treasury	30.03.02	0	0	0	0	0	0	0	0
Interests related to the temporary loans from state treasury	30.03.03	0	0	0	0	0	0	0	0
Interests to cash deposits and liquid assets kept in the state treasury's account	30.03.04	0	0	0	0	0	0	0	0
Interests to leasing operations	30.03.05	0	0	0	0	0	0	0	0
Interests to loans undertaken / engaged by the Ministry of Public Finances pursuant to Government Emergency Ordinance no.64/2007	30.04	0	0	0	0	0	0	0	0
TITLE IV SUBSIDIES (code 40.01 to 40.30)	40	0	0	0	0	0	0	0	0
Subsidies on products	40.01	0	0	0	0	0	0	0	0
Subsidies on activities	40.02	0	0	0	0	0	0	0	0
Subsidies for covering the price and tariff differences	40.03	0	0	0	0	0	0	0	0
Subsidies for supporting the public railway passenger transport	40.04	0	0	0	0	0	0	0	0
Subsidies for subway passenger transport	40.05	0	0	0	0	0	0	0	0
Greening actions	40.06	0	0	0	0	0	0	0	0

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Exploitation of pyrites	40.07	0	0	0	0	0	0	0	0
Subsidies for interests on bank loans	40.08	0	0	0	0	0	0	0	0
Payments to employees for the professional training of employees	40.09	0	0	0	0	0	0	0	0
Non-refundable funds for creating job opportunities	40.10	0	0	0	0	0	0	0	0
Bonuses granted to farmers	40.11	0	0	0	0	0	0	0	0
Subsidies for the completion of insurances for risk factors in agriculture	40.12	0	0	0	0	0	0	0	0
Support for exports, business environment and international transactions	40.13	0	0	0	0	0	0	0	0
Support for transport infrastructure	40.14	0	0	0	0	0	0	0	0
Support for farmers	40.15	0	0	0	0	0	0	0	0
Programmes for the preservation or the closing of mines	40.16	0	0	0	0	0	0	0	0
Programmes of social welfare and socio-professional integration of the disabled	40.17	0	0	0	0	0	0	0	0
Social welfare in the mining sector	40.18	0	0	0	0	0	0	0	0
Payments for the boost of creating job opportunities	40.19	0	0	0	0	0	0	0	0
Subsidies to compensate the unexpected growth of fuel price	40.20	0	0	0	0	0	0	0	0
Other subsidies	40.30	0	0	0	0	0	0	0	0
TITLE V RESERVE FUNDS (code 50.01 to 50.04)	50	0	0	0	0	0	0	0	0
Budgetary reserve fund available to the Government	50.01	0	0	0	0	0	0	0	0
Intervention fund available to the Government	50.02	0	0	0	0	0	0	0	0
Budgetary reserve fund available to the local authorities	50.04	0	0	0	0	0	0	0	0
TITLE VI TRANSFERS BETWEEN BODIES OF THE PUBLIC ADMINISTRATION (code 51.01+51.02)	51	0	38,000,000	38,000,000	38,000,000	38,000,000	38,000,000	0	38,000,000

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			Initial	Final					
Current transfers (code 51.01.01 to 51.01.54)	51.01	0	38,000,000	38,000,000	38,000,000	38,000,000	38,000,000	0	38,000,000
Transfers to public institutions	51.01.01	0	0	0	0	0	0	0	0
Core funding for the higher education	51.01.02	0	0	0	0	0	0	0	0
Health actions	51.01.03	0	0	0	0	0	0	0	0
Financing of rights granted to the disabled	51.01.04	0	0	0	0	0	0	0	0
Financing of local interest airports	51.01.05	0	0	0	0	0	0	0	0
Transfers from the Intervention Fund	51.01.06	0	0	0	0	0	0	0	0
Transfers from the state budget to the state social insurance budget	51.01.07	0	0	0	0	0	0	0	0
Transfers from the state budget to the unemployment insurance budget	51.01.08	0	0	0	0	0	0	0	0
Transfers related to health contributions for persons that are serving the military service	51.01.09	0	0	0	0	0	0	0	0
Transfers related to health contributions for persons that are serving sentences deprived of liberty or remand	51.01.10	0	0	0	0	0	0	0	0
Transfers from the state budget to the unique social health insurance fund	51.01.11	0	0	0	0	0	0	0	0
The contribution of insured persons for the financing of health welfare	51.01.12	0	0	0	0	0	0	0	0
Transfers for real estate cadastral works	51.01.13	0	0	0	0	0	0	0	0
Transfers from the budgets of the county councils for financing the day-care centers for child welfare	51.01.14	0	0	0	0	0	0	0	0
Transfers from the local budgets for social assistance institutions for the disabled	51.01.15	0	0	0	0	0	0	0	0
Transfers from the state social insurance budget to the unique social health insurance fund	51.01.16	0	0	0	0	0	0	0	0
Transfers from the unemployment insurance budget to the state social insurance budget	51.01.17	0	0	0	0	0	0	0	0

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Transfers from unemployment insurance budget to local budgets for financing of temporary employment programs	51.01.18	0	0	0	0	0	0	0	0
Transfers from the unemployment insurance budget to the unique social health insurance fund	51.01.19	0	0	0	0	0	0	0	0
Transfers from the unemployment insurance budget to the state social insurance budget as labour accidents and professional diseases insurance for unemployed persons during professional training	51.01.20	0	0	0	0	0	0	0	0
Transfers from the amounts allocated to the Insurance system of labour accidents and professional diseases insurance to the unique social health insurance fund, representing the social health insurance contribution for the persons that are on medical leave because of labour accidents and professional diseases	51.01.21	0	0	0	0	0	0	0	0
Transfers representing the share of spectrum usage tariffs	51.01.22	0	0	0	0	0	0	0	0
Amounts paid to the unique social health insurance fund from the capitalization of budgetary debts	51.01.23	0	0	0	0	0	0	0	0
Transfers from budgets of the local and county councils for aid granting to the administrative territorial units in case of extreme difficulty situations	51.01.24	0	0	0	0	0	0	0	0
Health related programmes	51.01.25	0	0	0	0	0	0	0	0
Transfers related to the social health insurance contribution for the persons that are on parental leave	51.01.26	0	0	0	0	0	0	0	0
Transfers to the local budgets consisting of incomes from privatizations carried out by AVAS	51.01.27	0	0	0	0	0	0	0	0
The maintenance of road infrastructure	51.01.28	0	0	0	0	0	0	0	0

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Transfers related to the health contribution for pensioners	51.01.30	0	0	0	0	0	0	0	0
Transfers related to health contributions for social aid beneficiaries	51.01.31	0	0	0	0	0	0	0	0
Thermic rehabilitation of the residential buildings	51.01.32	0	0	0	0	0	0	0	0
Transfers to compensate the unexpected growth of fuel price	51.01.34	0	0	0	0	0	0	0	0
Transfers from own incomes of the Ministry of Public Health to the unique social health insurance fund	51.01.35	0	0	0	0	0	0	0	0
Transfers for financial support to the family establishment	51.01.36	0	0	0	0	0	0	0	0
Transfers for the granting of aid for home heating with wood, coal, petroleum fuels	51.01.37	0	0	0	0	0	0	0	0
Transfers from the state budget to the local budgets for the financing of socio-medical assistance units	51.01.38	0	0	0	0	0	0	0	0
Transfers from the local and county councils for the financing of socio-medical assistance units	51.01.39	0	0	0	0	0	0	0	0
Transfers for the granting of the newborn trousseau	51.01.40	0	0	0	0	0	0	0	0
Transfers to the state budget from dividends and interests collected by institutions involved in the privatisation process	51.01.41	0	0	0	0	0	0	0	0
Contribution paid to the state budget for the organising and functioning of the Unique National System for Emergency Calls	51.01.42	0	38,000,000	38,000,000	38,000,000	38,000,000	38,000,000	0	38,000,000
Transfers from the state budget to the local budgets for the financing of electrification programmes	51.01.43	0	0	0	0	0	0	0	0

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Transfers from amounts allocated to the labour accidents and professional diseases insurance system to the social health insurance fund, for leaves and allowances owed to persons temporarily work incapacitated because of labor accidents and professional diseases	51.01.44	0	0	0	0	0	0	0	0
Transfers from the state budget to the local budgets for health financing	51.01.45	0	0	0	0	0	0	0	0
Transfers from local budgets to the public institutions and activities that are partly or entirely financed from own incomes for health financing	51.01.46	0	0	0	0	0	0	0	0
Transfers for the institutional development of the higher education	51.01.47	0	0	0	0	0	0	0	0
Transfers from the state budget to the local budgets for the financing of the agricultural chambers	51.01.48	0	0	0	0	0	0	0	0
Transfers from the state budget for the financing of agricultural chambers	51.01.49	0	0	0	0	0	0	0	0
Transfers to the local budgets for the payment of remaining debts to the thermal energy providers and district heating	51.01.50	0	0	0	0	0	0	0	0
Transfers from state budget to the social health insurance fund for persons that are executing measures stipulated in art.105, 113 and 114 in the Criminal Code, as for persons that find themselves in the period of postponement or disruption of sentence execution	51.01.51	0	0	0	0	0	0	0	0
Transfers from the state budget to the social health insurance fund for foreign citizens in accommodation centers	51.01.52	0	0	0	0	0	0	0	0
Transfers from the state budget to the social health insurance fund for the monastic staff of recognized religions	51.01.53	0	0	0	0	0	0	0	0
Transfers from the state budget to the local budgets designated to the financing of programmes of national interest	51.01.54	0	0	0	0	0	0	0	0
Transfers of capital (code 51.02.01 to 51.02.33)	51.02	0	0	0	0	0	0	0	0

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Financing of streets that will be set up in the perimeters destined to block constructions for new homes	51.02.01	0	0	0	0	0	0	0	0
Financing of investments partially funded from external loans	51.02.02	0	0	0	0	0	0	0	0
The sub-programme for paving, rehabilitation, modernizing and/or asphaltting of finished public interest roads	51.02.03	0	0	0	0	0	0	0	0
The programme for building of homes and sports halls	51.02.04	0	0	0	0	0	0	0	0
Financing of the elaboration and/or update of general city planning and city local regulations	51.02.05	0	0	0	0	0	0	0	0
The retechnologization of thermal and electrical heating plants	51.02.06	0	0	0	0	0	0	0	0
Financing of feasibility studies associated to SAPARD projects	51.02.07	0	0	0	0	0	0	0	0
Medical equipment and emergency communications equipment	51.02.08	0	0	0	0	0	0	0	0
Financing of actions related to seismic risk mitigation of existing buildings meant for dwelling	51.02.09	0	0	0	0	0	0	0	0
Payments from guaranteed and/or subsidized loans	51.02.10	0	0	0	0	0	0	0	0
Transfers for capital repairs of hospitals	51.02.11	0	0	0	0	0	0	0	0
Transfers for financing of investments in hospitals	51.02.12	0	0	0	0	0	0	0	0
Road infrastructure development	51.02.13	0	0	0	0	0	0	0	0
Environmental and water management multi-annual programmes	51.02.14	0	0	0	0	0	0	0	0
Financing of certain capital expenditures of undergraduate education units	51.02.15	0	0	0	0	0	0	0	0
Transfers from the state budget to the local budgets from the National Development Fund	51.02.16	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for financing of investments in hospitals	51.02.17	0	0	0	0	0	0	0	0

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Transfers from state budget to local budgets for the completion of construction works on cultural settlements	51.02.18	0	0	0	0	0	0	0	0
The sub-programme on water supplying of villages	51.02.20	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for the fulfillment of tourism investment targets	51.02.21	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for financing of medical equipment and emergency communications equipment	51.02.22	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for financing of capital repairs in health	51.02.23	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for financing of other health-related investments	51.02.24	0	0	0	0	0	0	0	0
Transfers from own incomes of the Ministry of Public Health to local budgets for the financing of medical equipment and emergency communications equipment	51.02.25	0	0	0	0	0	0	0	0
Transfers from own incomes of the Ministry of Public Health to local budgets for the financing of capital repairs in health	51.02.26	0	0	0	0	0	0	0	0
Transfers from own incomes of the Ministry of Public Health to local budgets for the financing of other health-related investments	51.02.27	0	0	0	0	0	0	0	0
Transfers from local budgets for financing of capital expenditures in the health sector	51.02.28	0	0	0	0	0	0	0	0
Other capital transfers to public institutions	51.02.29	0	0	0	0	0	0	0	0
Mihail Kogalniceanu Programme Risk Fund	51.02.30	0	0	0	0	0	0	0	0
Transfers from state budget to local budgets for financing of investments within programmes of national interest	51.02.31	0	0	0	0	0	0	0	0

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Transfers from state budget to local budgets for financing of investments for social assistance public institutions and units of socio-medical assistance	51.02.32	0	0	0	0	0	0	0	0
Transfers from state budget for the coverage of losses from the Romanian Counter Guarantee Fund	51.02.33	0	0	0	0	0	0	0	0
TITLE VII OTHER TRANSFERS (code 55.01+ 55.02 + 55.03 + 55.04)	55	0	1,457,000	1,457,000	787,478	787,478	787,478	0	821,114
A. Internal transfers (code 55.01.01 to 55.01.54)	55.01	0	0	0	0	0	0	0	0
Restructuring of the defence industry	55.01.01	0	0	0	0	0	0	0	0
Financial support for the activity of the Romanian Olympic Committee	55.01.02	0	0	0	0	0	0	0	0
Programmes with reimbursable financing	55.01.03	0	0	0	0	0	0	0	0
The guarantee fund of loans granted to small and medium enterprises	55.01.04	0	0	0	0	0	0	0	0
Implementation Programme of the anti-hail national system	55.01.05	0	0	0	0	0	0	0	0
Support for the forest owners	55.01.06	0	0	0	0	0	0	0	0
Community Programmes	55.01.07	0	0	0	0	0	0	0	0
PHARE programmes and other programmes with non-refundable financing	55.01.08	0	0	0	0	0	0	0	0
ISPA Programmes	55.01.09	0	0	0	0	0	0	0	0
SAPARD Programmes	55.01.10	0	0	0	0	0	0	0	0
Investments of economic operators with state capital	55.01.12	0	0	0	0	0	0	0	0
Development Programmes	55.01.13	0	0	0	0	0	0	0	0
Pre-accession National Fund	55.01.14	0	0	0	0	0	0	0	0
Romanian Social Development Fund	55.01.15	0	0	0	0	0	0	0	0
Support for the set up of new companies and sustaining the development of small and medium enterprises	55.01.16	0	0	0	0	0	0	0	0
Transfers for programmes and projects for the prevention of labour accidents and professional diseases	55.01.17	0	0	0	0	0	0	0	0

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Other current internal transfers	55.01.18	0	0	0	0	0	0	0	0
Payments from the risk fund for state guarantees for external loans (only for the institutions involved in the privatisation process)	55.01.19	0	0	0	0	0	0	0	0
Payments from the state treasury from the capitalization of banking assets and commercial debts and privatisation (only for the institutions involved in the privatisation process)	55.01.20	0	0	0	0	0	0	0	0
Financial support for building of homes, rehabilitation, strengthening and expanding of the existent dwellings	55.01.26	0	0	0	0	0	0	0	0
ISPA non-eligible expenses	55.01.28	0	0	0	0	0	0	0	0
Current repairing related to public railway infrastructure	55.01.29	0	0	0	0	0	0	0	0
Development assistance granted for the benefit of partner states	55.01.41	0	0	0	0	0	0	0	0
Transfers from the local budget to the inter-community development associations	55.01.42	0	0	0	0	0	0	0	0
Transfers to enterprises under state aid schemes	55.01.46	0	0	0	0	0	0	0	0
Payment of guarantee execution value in the account of financers under "The first home" programme	55.01.47	0	0	0	0	0	0	0	0
Financing of research and development and innovation projects	55.01.48	0	0	0	0	0	0	0	0
Transfers for financing research in the economic fields	55.01.49	0	0	0	0	0	0	0	0
Amounts resulting from the execution of guarantees granted from the state budget	55.01.50	0	0	0	0	0	0	0	0
Internal transfers to the local budgets	55.01.51	0	0	0	0	0	0	0	0
Internal transfers to the economic operators	55.01.52	0	0	0	0	0	0	0	0
Transfers for financing security and maintenance works at the Krivoi Rog Mining Unit	55.01.53	0	0	0	0	0	0	0	0

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Transfers for the payment of remaining liabilities of the heating centers	55.01.54	0	0	0	0	0	0	0	0
B. Current transfers to abroad (to international organisations) (code 55.02.01 to 55.02.05)	55.02	0	1,457,000	1,457,000	787,478	787,478	787,478	0	821,114
Contributions and dues to international bodies	55.02.01	0	1,457,000	1,457,000	787,478	787,478	787,478	0	821,114
International economic cooperation	55.02.02	0	0	0	0	0	0	0	0
Assistance for development granted abroad	55.02.03	0	0	0	0	0	0	0	0
Other current transfers to abroad	55.02.04	0	0	0	0	0	0	0	0
Romania's contribution to the European Development Fund	55.02.05	0	0	0	0	0	0	0	0
C. Romania's contribution to the European Union budget (code 55.03.01 to 55.03.10)	55.03	0	0	0	0	0	0	0	0
Contributions from customs duties	55.03.01	0	0	0	0	0	0	0	0
Contributions from the sugar sector	55.03.03	0	0	0	0	0	0	0	0
Contributions from the VAT resource	55.03.04	0	0	0	0	0	0	0	0
Contributions for adjustments / rebate granted to the United Kingdom	55.03.05	0	0	0	0	0	0	0	0
Contributions from the Gross National Income resources	55.03.06	0	0	0	0	0	0	0	0
Additional and unscheduled contributions	55.03.07	0	0	0	0	0	0	0	0
Contributions for the reductions in favor of the Netherlands and Sweden	55.03.10	0	0	0	0	0	0	0	0
D. Other payments to the E.U. (code 55.04.01 + 55.04.03)	55.04.	0	0	0	0	0	0	0	0
Amounts paid to the temporary Fund for the restructuring of the sugar sector in the European Community	55.04.01	0	0	0	0	0	0	0	0
Romania's contribution to the Research Fund for coal and steel	55.04.02	0	0	0	0	0	0	0	0

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Payment of the annual membership contribution for the European joint enterprise for ITER and for the development of fusion energy	55.04.03	0	0	0	0	0	0	0	0
TITLE VIII PROJECTS FINANCED FROM POST-ACCESSION NON-REFUNDABLE EXTERNAL FUNDS (code 56.01 to 56.25)	56	24,748,000	4,093,000	4,093,000	115,481	227,699	115,481	112,218	110,283
European Regional Development Fund (ERDF) Programmes (code 56.01.01 to 56.01.03)	56.01	21,092,000	4,093,000	4,093,000	115,481	227,699	115,481	112,218	110,283
National financing	56.01.01	3,227,809	50,000	492,223	18,638	36,748	18,638	18,110	17,799
Non-refundable external financing	56.01.02	12,905,062	2,406,000	1,963,777	74,492	146,880	74,492	72,388	71,139
Non-eligible expenses	56.01.03	4,959,129	1,637,000	1,637,000	22,351	44,071	22,351	21,720	21,345
European Social Fund (ESF) Programmes (code 56.02.01 to 56.02.03)	56.02	3,656,000	0	0	0	0	0	0	0
National financing	56.02.01	442,258	0	0	0	0	0	0	0
Non-refundable external financing	56.02.02	2,506,129	0	0	0	0	0	0	0
Non-eligible expenses	56.02.03	707,613	0	0	0	0	0	0	0
Cohesion Fund (CF) Programmes (code 56.03.01 to 56.03.03)	56.03	0	0	0	0	0	0	0	0
National financing	56.03.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.03.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.03.03	0	0	0	0	0	0	0	0
European Agricultural Fund for Rural Development (EAFRD) Programmes (code 56.04.01 to 56.04.03)	56.04	0	0	0	0	0	0	0	0
National financing	56.04.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.04.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.04.03	0	0	0	0	0	0	0	0
European Fisheries Fund (EFF) Programmes (code 56.05.01 to 56.05.03)	56.05	0	0	0	0	0	0	0	0
National financing	56.05.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.05.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.05.03	0	0	0	0	0	0	0	0

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European Agricultural Guarantee Fund (EAGF) Programmes (code 56.06.01 to 56.06.03)	56.06	0	0	0	0	0	0	0	0
National financing	56.06.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.06.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.06.03	0	0	0	0	0	0	0	0
Instrument for Pre-Accession Assistance (IPA) Programmes (code 56.07.01 to 56.07.03)	56.07	0	0	0	0	0	0	0	0
National financing	56.07.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.07.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.07.03	0	0	0	0	0	0	0	0
European Neighbourhood and Partnership Instrument (ENPI) Programmes (code 56.08.01 to 56.08.03)	56.08	0	0	0	0	0	0	0	0
National financing	56.08.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.08.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.08.03	0	0	0	0	0	0	0	0
Amounts related to the European Refugee Fund (code 56.09.01 to 56.09.03)	56.09	0	0	0	0	0	0	0	0
National financing	56.09.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.09.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.09.03	0	0	0	0	0	0	0	0
Amounts related to the European Return Fund (code 56.10.01 to 56.10.03)	56.10	0	0	0	0	0	0	0	0
National financing	56.10.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.10.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.10.03	0	0	0	0	0	0	0	0
Amounts related to the European Fund for the Integration of Third-country Nationals (code 56.11.01 to 56.11.03)	56.11	0	0	0	0	0	0	0	0
National financing	56.11.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.11.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.11.03	0	0	0	0	0	0	0	0

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Amounts related to the External Borders Fund (code 56.12.01 to 56.12.03)	56.12	0	0	0	0	0	0	0	0
National financing	56.12.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.12.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.12.03	0	0	0	0	0	0	0	0
Schengen Facility Programmes (code 56.13.01 to 56.13.03)	56.13	0	0	0	0	0	0	0	0
National financing	56.13.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.13.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.13.03	0	0	0	0	0	0	0	0
Transition Facility Funding Programmes (code 56.14.01 to 56.14.03)	56.14	0	0	0	0	0	0	0	0
National financing	56.14.01	0	0	0	0	0	0	0	0
Non-refundable external financing	56.14.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.14.03	0	0	0	0	0	0	0	0
Other Community programmes financed during 2007 - 2013 (code 56.15.01 to 56.15.03)	56.15	0	0	0	0	0	0	0	0
National financing	56.15.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.15.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.15.03	0	0	0	0	0	0	0	0
Other post-accession features and instruments (code 56.16.01 to 56.16.03)	56.16	0	0	0	0	0	0	0	0
National financing	56.16.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.16.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.16.03	0	0	0	0	0	0	0	0
EEA Financial Mechanism (code 56.17.01 to 56.17.03)	56.17	0	0	0	0	0	0	0	0
National financing	56.17.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.17.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.17.03	0	0	0	0	0	0	0	0

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Norwegian Cooperation Programme for Economic Growth and Sustainable Development (code 56.18.01 to 56.18.03)	56.18	0	0	0	0	0	0	0	0
National financing	56.18.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.18.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.18.03	0	0	0	0	0	0	0	0
Technical Assistance within the Operational Programme "Technical Assistance" (code 56.19.01 to 56.19.03)	56.19	0	0	0	0	0	0	0	0
National financing	56.19.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.19.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.19.03	0	0	0	0	0	0	0	0
Technical Assistance within Operational Programmes, others than the Operational Programme "Technical Assistance" (code 56.20.01 to 56.20.03)	56.20	0	0	0	0	0	0	0	0
National financing	56.20.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.20.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.20.03	0	0	0	0	0	0	0	0
Money transfers from the state budget to local budgets that are necessary for the support of the progress of post-accession FEN financed projects	56.21	0	0	0	0	0	0	0	0
Money transfers from the state budget to NGOs, trading companies, public institutions partially or entirely financed from own incomes and other beneficiaries of public and private right necessary for the support of the progress of post-accession FEN financed projects	56.22	0	0	0	0	0	0	0	0
Other expenditures determined by the implementation of FEN financed programmes	56.23	0	0	0	0	0	0	0	0
The co-financing of post-accession non-refundable financial assistance from the European Community	56.24	0	0	0	0	0	0	0	0

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The Swiss-Romanian cooperation programme targeting the drawback of social and economical imbalances within the extended European Union (code 56.25.01 to 56.25.03)	56.25	0	0	0	0	0	0	0	0
National financing	56.25.01	0	0	0	0	0	0	0	0
Financing from the European Union	56.25.02	0	0	0	0	0	0	0	0
Non-eligible expenses	56.25.03	0	0	0	0	0	0	0	0
TITLE IX. SOCIAL WELFARE (code 57.01+57.02)	57	0	2,274,000	2,274,000	780,935	780,935	755,105	25,830	727,458
Social insurances	57.01	0	0	0	0	0	0	0	0
Social aid (code 57.02.01 + 57.02.04)	57.02	0	2,274,000	2,274,000	780,935	780,935	755,105	25,830	727,458
Cash social aid	57.02.01	0	2,220,000	2,220,000	780,935	780,935	755,105	25,830	727,458
Social aid in kind	57.02.02	0	0	0	0	0	0	0	0
Nursery tickets	57.02.03	0	54,000	54,000	0	0	0	0	0
Gift tickets granted for social expenses	57.02.04	0	0	0	0	0	0	0	0
TITLE X OTHER EXPENSES (code 59.01 to 59.34)	59	0	0	0	0	0	0	0	0
Grants	59.01	0	0	0	0	0	0	0	0
Aids for damages caused by natural disasters	59.02	0	0	0	0	0	0	0	0
Financing of the political parties	59.03	0	0	0	0	0	0	0	0
Supporting of organizations of citizens belonging to national minorities others than the ones that receive subsidies from the state budget according to the law	59.04	0	0	0	0	0	0	0	0
Financing of certain inter-ethnic programmes and projects and fight against intolerance	59.05	0	0	0	0	0	0	0	0
Movie production and distribution	59.06	0	0	0	0	0	0	0	0
Support of the activities of Romanians from everywhere and of their representative organisations	59.07	0	0	0	0	0	0	0	0
Youth programmes	59.08	0	0	0	0	0	0	0	0

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Compensations granted to farmers in case of natural disasters in agriculture	59.09	0	0	0	0	0	0	0	0
Fund at the disposal of the prime-minister for the support of Romanian communities from everywhere	59.10	0	0	0	0	0	0	0	0
Associations and foundations	59.11	0	0	0	0	0	0	0	0
The support of cults	59.12	0	0	0	0	0	0	0	0
State contribution for the support of the Romanian Orthodox Church from abroad	59.13	0	0	0	0	0	0	0	0
State contribution to the remuneration of clerical personnel	59.14	0	0	0	0	0	0	0	0
Contribution to the remuneration of non-clerical personnel	59.15	0	0	0	0	0	0	0	0
Project of communication, public awareness and promotion of national image and interests abroad	59.16	0	0	0	0	0	0	0	0
Civil compensations	59.17	0	0	0	0	0	0	0	0
Compensations for sacrificed animals in view of preventing and fighting against epizootics	59.18	0	0	0	0	0	0	0	0
Merit allowance	59.19	0	0	0	0	0	0	0	0
Amounts for financing sports programmes conducted by private sports structures	59.20	0	0	0	0	0	0	0	0
State orders for books and publications	59.21	0	0	0	0	0	0	0	0
Scientific and socio-cultural actions	59.22	0	0	0	0	0	0	0	0
Financing of the Ensemble "Memorial to the Victims of Communism and to the Resistance Sighet"	59.23	0	0	0	0	0	0	0	0
The financing of the Ensemble "Revolution Memorial – December 1989" from Timisoara municipality	59.24	0	0	0	0	0	0	0	0
Amounts related to payments of salary receivables	59.25	0	0	0	0	0	0	0	0

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Amounts granted from the state budget to members of academies	59.26	0	0	0	0	0	0	0	0
Agricultural annuity	59.27	0	0	0	0	0	0	0	0
The financing of the Prodromu Romanian Hermitage on Mount Athos	59.28	0	0	0	0	0	0	0	0
Programmes and projects concerning the prevention and fight against discrimination	59.30	0	0	0	0	0	0	0	0
Amounts related to the funds administered by Eximbank	59.31	0	0	0	0	0	0	0	0
The reimbursement of the counter value of certain air navigation services	59.32	0	0	0	0	0	0	0	0
Amounts intended for the mainaining of airworthiness of aircraft for special flights	59.33	0	0	0	0	0	0	0	0
Amounts granted for the elaboration of cadastral documentations and for real estate advertising for real estate goods that are leased to the company administrating the railway infrastructure	59.34	0	0	0	0	0	0	0	0
TITLE XI EXPENSES RELATED TO PROGRAMMES WITH NON-REFUNDABLE FINANCING (code 65.01)	65	0	0	0	0	0	0	0	0
Expenses related to programmes with refundable financing	65.01	0	0	0	0	0	0	0	0
CAPITAL EXPENSES (code 71+72+75)	70	49,922,000	92,650,000	92,650,000	60,171,915	65,956,857	58,807,770	7,149,087	39,235,463
TITLE XII NON-FINANCIAL ASSETS (code 71.01+71.02+71.03)	71	49,922,000	92,650,000	92,650,000	60,171,915	65,956,857	58,807,770	7,149,087	39,235,463
Fixed assets (code 71.01.01 to 71.01.30)	71.01	49,922,000	92,650,000	92,650,000	60,171,915	65,956,857	58,807,770	7,149,087	39,235,463
Constructions	71.01.01	18,563,000	13,500,000	13,500,000	2,344,945	2,344,945	2,138,393	206,552	2,479,390
Cars, equipment and means of transport	71.01.02	8,960,000	55,000,000	55,000,000	44,281,050	44,281,050	43,401,766	879,284	32,408,479
Furniture, bureautics and other tangible assets	71.01.03	0	1,150,000	1,150,000	264,460	264,460	141,080	123,380	1,078,357

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INDICATORS	Indicator code	Engagement credits	Budgetary credits		Budgetary engagements	Legal engagements	Payments	Legal engagements to be paid	Effective expenditure
			Initial	Final					
Other fixed assets (including capital repairs)	71.01.30	22,399,000	23,000,000	23,000,000	13,281,460	19,066,402	13,126,531	5,939,871	3,269,237
Stocks (code 71.02.01)	71.02	0	0	0	0	0	0	0	0
State and mobilization reserves	71.02.01	0	0	0	0	0	0	0	0
Capital repairing related to fix assets	71.03	0	0	0	0	0	0	0	0
TITLE XIII FINANCIAL ASSETS	72	0	0	0	0	0	0	0	0
Financial Assets (code 72.01.01)	72.01	0	0	0	0	0	0	0	0
Social Equity participation of the trading companies	72.01.01	0	0	0	0	0	0	0	0
TITLE XIV NATIONAL DEVELOPMENT FUND	75	0	0	0	0	0	0	0	0
FINANCIAL OPERATIONS (code 80+81)	79	0	32,517,000	32,517,000	27,135,159	27,135,159	27,135,159	0	13,519,953
TITLE XV LOANS (code 80.01 to 80.30)	80	0	0	0	0	0	0	0	0
Loans granted for objectives approved through bilateral and inter-governmental agreements	80.01	0	0	0	0	0	0	0	0
Loans for persons with refugee status	80.02	0	0	0	0	0	0	0	0
Loans for public institutions and services or activities entirely financed from own incomes	80.03	0	0	0	0	0	0	0	0
Loans from the unemployment insurance budget	80.04	0	0	0	0	0	0	0	0
Loans granted for certain residential building, buying, rehabilitation, reinforcement and expansion	80.05	0	0	0	0	0	0	0	0
Microcredits granted to individuals that carry out income generating activities on their own, for the material maintenance	80.06	0	0	0	0	0	0	0	0
Loans granted for the protection of historical monuments	80.07	0	0	0	0	0	0	0	0
Floating capital for the coverage of temporary monetary gaps	80.08	0	0	0	0	0	0	0	0
Loans granted to governmental agencies and agencies that are administrated through credit agencies	80.09	0	0	0	0	0	0	0	0
Other loans	80.30	0	0	0	0	0	0	0	0

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INDICATORS	Indicator code	Engagement credits	Budgetary credits		Budgetary engagements	Legal engage-ments	Payments	Legal engage-ments to be paid	Effective expenditure
			Initial	Final					
TITLE XVI LOAN REPAYMENTS (code 81.01+81.02+ 81.03)	81	0	32,517,000	32,517,000	27,135,159	27,135,159	27,135,159	0	13,519,953
Repayment of external debts (code 81.01.01 to 81.01.06)	81.01	0	32,517,000	32,517,000	27,135,159	27,135,159	27,135,159	0	13,519,953
Repayment of external debts contracted by the credit principals	81.01.01	0	32,517,000	32,517,000	27,135,159	27,135,159	27,135,159	0	13,519,953
Repayment of external guaranteed and subsidized direct loans	81.01.02	0	0	0	0	0	0	0	0
Repayment of loans corresponding to the local external public debt	81.01.05	0	0	0	0	0	0	0	0
Exchange rate differences corresponding to the external public debt	81.01.06	0	0	0	0	0	0	0	0
Repayments of internal debts (code 81.02.01 to 81.02.05)	81.02	0	0	0	0	0	0	0	0
Repayment of guaranteed internal debts	81.02.01	0	0	0	0	0	0	0	0
Exchange rate differences corresponding to the internal public debt	81.02.02	0	0	0	0	0	0	0	0
Repayment of debts corresponding to the local internal public debt	81.02.05	0	0	0	0	0	0	0	0
Credit reimbursements on the account of loans undertaken by the Ministry of Public Finances pursuant to Government Emergency Ordinance no.64/2007	81.03	0	0	0	0	0	0	0	0
PAYMENTS MADE IN THE PREVIOUS YEARS AND RECOVERED IN THE CURRENT YEAR (code 85)	84	0	0	0	(9,914)	(9,914)	(9,914)	0	0
TITLE XVII PAYMENTS MADE IN THE PREVIOUS YEARS AND RECOVERED IN THE CURRENT YEAR (code 85.01)	85	0	0	0	(9,914)	(9,914)	(9,914)	0	0
Payments made in the previous years and recovered in the current year	85.01	0	0	0	(9,914)	(9,914)	(9,914)	0	0
TITLE XVIII RESERVES, SURPLUS-DEFICIT	90	0	96,341,000	96,341,000	0	0	0	0	0
Reserves	91.01	0	0	0	0	0	0	0	0
Surplus	92.01	0	0	0	0	0	726,595	0	0
Deficit	93.01	0	96,341,000	96,341,000	0	0	0	0	0

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EXECUTION ACCOUNT OF THE PUBLIC INSTITUTION BUDGET – INCOMES

as of 31.12.2011

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Indicators	Code	Initial budget-ary provisions	Final budget-ary provisions	Rights acknowledged			Payments received	Liquidation through other means than payments received	Payments to be received
				Total, of which:	previous years	current year			
A	B	1	2	3=4+5	4	5	6	7	8=3-6-7
Total revenues		212,000,000	212,000,000	242,759,022	15,313,325	227,445,697	225,733,562	581,990	16,443,470
Other taxes on goods and services	12.10	0	0	6,951,774	6,867,420	84,354	1,075,951	0	5,875,823
Incomes from the share of the turnover achieved in the electronic communications sector	12.10.08	0	0	6,951,774	6,867,420	84,354	1,075,951	0	5,875,823
Incomes from service provision and other activities	33.10	197,000,000	197,000,000	223,436,036	6,943,496	216,492,540	213,329,548	437,090	9,669,398
Incomes from service provision	33.10.08	197,000,000	197,000,000	223,436,036	6,943,496	216,492,540	213,329,548	437,090	9,669,398
Incomes from interests	31.10	15,000,000	15,000,000	11,478,670	756,964	10,721,706	11,307,576	0	171,094
Other incomes from interests	31.10.03	15,000,000	15,000,000	11,478,670	756,964	10,721,706	11,307,576	0	171,094
Various incomes	36.10	0	0	892,330	745,445	146,885	20,275	144,900	727,155
Other incomes	36.10.50	0	0	892,330	745,445	146,885	20,275	144,900	727,155
Incomes from the capitalization of certain goods	39.10	0	0	212	0	212	212	0	0
Incomes from the capitalization of certain goods belonging to the public institutions	39.10.01	0	0	212	0	212	212	0	0

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11 Terms and Abbreviations

ANCOM	National Authority for Management and Regulation in Communications
AOMR	Association of Mobile Operators from Romania
BEREC	Body of European Regulators for Electronic Communications
BWA	Broadband Wireless Access Systems
CATV	Cable TV
CEE Regional Working Group	Central Eastern Europe Regional Working Group
CEPT	Conference of the European Administrations for Post and Telecommunications
CNA	National Audiovisual Council
CNPR	Romanian Post National Company
CoCom	Communications Committee
DSNG	Digital Satellite News Gathering
DTH	Direct-to-home
EC	European Commission
ERG	European Regulators Group
GMDSS	Global Maritime Distress Safety System
GMPCS	Global Mobile Personal Communications by Satellite
HDTV	High Definition Television
IARU	International Amateur Radio Union
ICCJ	High Court of Cassation and Justice
INS	National Institute of Statistics
IRG	Independent Regulators Group
ISPC	International Signalling Point Codes
ITU	International Telecommunication Union
LURN	Licence for the use of numbering resources
MCSI	Ministry of Communications and Information Society
MHP	Multimedia Home Platform
MMDS	Multipoint Multichannel Distribution System
MNC	Mobile Network Codes
NIC	Network Identification Codes
NNP	National Numbering Plan
NSPC	National Signalling Point Codes

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NTFA	National Table for Frequency Allocation
PAMR	Public Access Mobile Radiocommunications
PMR	Professional Mobile Radiocommunications
PVR	Personal Video Recorder
RAINWAT	Regional Arrangement for INland WATerways
RIO	Reference Interconnection Offer
RN	Routing Numbers
RSC	Radio Spectrum Committee
RSPG	Radio Spectrum Policy Group
S-PCN	Satellite-Personal Communication Networks
S-PCS	Satellite Personal Communications Services
SNR	Radiocommunications National Company – S.A.
SNUAU	Unique National System for Emergency Calls
VoIP	Voice over Internet Protocol
VPN	Virtual Private Networks
VSAT	Very Small Aperture Terminal

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- 1. Decision no. 6/2011 on identifying the relevant markets in the electronic communications sector corresponding to the services of leased lines-terminating segments, with the transmission capacity of up to (including) 2 Mbps
- 2. Decision no. 7/2011 on the Universal Service implementation in the electronic communications sector
- 3. Decision no. 15/2011 on the obligations imposed on the operator with significant power on the market for services of leased lines-terminating segments, with the transmission capacity of up to (including) 2 Mbps
- 4. Decision no. 282/2011 amending and completing the Decision of the president of the Inspectorate General for Communications and Information Technology no. 686/2005 on the approval of the charging procedure
- 5. Decision no. 968/2011 on the Philatelic Issue Plans, the issuance, printing, circulation, withdrawal and trading conditions for the postage stamps and postal stationeries
- 6. Decision no. 1167/2011 on the reporting of statistical data by the providers of public electronic communications networks or publicly available electronic communications services
- 7. Decision no. 1201/2011 on the establishment of the quality indicators for the provision of the Internet access service and publication of the due parameters
- 8. Decision no. 1382/2011 amending and completing certain regulations in the field of numbering resources and technical resources
- 9. Decision no. 1640/2011 on amending the National Table for Frequency Band Allocation, approved by Order of the Minister of Communications and Information Society no. 789/2009
- 10. Decision no. 1722/2011 on the radio frequencies or radio frequency bands exempted from licensing
- 11. Decision no. 1816/2011 on awarding the radio frequency usage rights in the 880-915 MHz/925-960 MHz, respectively 1710-1747.5 MHz/1805-1842.5 MHz bands
- 12. Decision no. 1813/2011 amending the Decision of the president of the Inspectorate General for Communications and Information Technology no. 686/2005 on the approval of the charging procedure and of the List of tariffs for the use of radio spectrum annually owed to the Inspectorate General for Communications and Information Technology

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