

**ECONOMIC ANALYSIS DIVISION  
OF THE STRATEGY DEPARTMENT  
OF THE COMMUNICATIONS REGULATORY AUTHORITY  
OF THE REPUBLIC OF LITHUANIA**

**REPORT  
ON THE ELECTRONIC COMMUNICATIONS SECTOR  
ACCORDING TO INFORMATION PROVIDED BY ELECTRONIC COMMUNICATIONS  
OPERATORS AND SERVICE PROVIDERS ON THE ELECTRONIC COMMUNICATIONS  
ACTIVITIES CARRIED OUT DURING  
QUARTER I 2018**

**2018-06-19 NO. LD-1568  
Vilnius**

## CONTENT

<b>1. PREFACE .....</b>	<b>3</b>
<b>2. MAIN CHANGES AND TRENDS IN THE FIRST QUARTER OF 2018 .....</b>	<b>4</b>
<b>3. GENERAL OVERVIEW OF THE ELECTRONIC COMMUNICATIONS MARKET.....</b>	<b>5</b>
<b>4. TELEPHONY COMMUNICATIONS.....</b>	<b>8</b>
<b>4.1. Retail mobile telephony communications services .....</b>	<b>8</b>
<b>4.2. Retail fixed telephony communications services .....</b>	<b>13</b>
<b>4.3. Wholesale public communications networks provision and public telephone services.....</b>	<b>17</b>
<b>4.3.1. Call termination services.....</b>	<b>17</b>
Call termination in in public mobile networks .....	17
Call termination in in public fixed networks.....	18
<b>4.3.2. Transit services .....</b>	<b>18</b>
<b>5. DATA TRANSMISSION SERVICES .....</b>	<b>20</b>
<b>5.1. Internet access services .....</b>	<b>20</b>
<b>5.1.1. Internet access using mobile communication technologies .....</b>	<b>21</b>
<b>5.1.2. Internet access, using fixed communication technologies .....</b>	<b>23</b>
<b>5.2. Other data transmission services.....</b>	<b>27</b>
<b>6. TELEVISION AND RADIO .....</b>	<b>29</b>
<b>6.1. Pay-TV services .....</b>	<b>29</b>
<b>6.2. Television and Radio Programmes Transmission Services.....</b>	<b>32</b>
<b>7. WHOLESALE ACCESS.....</b>	<b>33</b>

## 1. PREFACE

- The report on the electronic communications sector has been prepared on the basis of information provided by electronic communications operators and providers of services about the electronic communications activities that were carried out in the first quarter of 2018. as well as in the report is used the information of the *Statistics Lithuania*, company *Point Topic Ltd.*.
- Electronic communications operators' and service providers' data are updated after publication of the relevant quarterly report as well, therefore, the data used in subsequent reports on the electronic communications sector may be different from the used in the reports on previous periods.
- As the information reported in the report is rounded to one decimal place (on revenue and investment – two decimal places), the total sum of the market shares not in all charts and tables in this report is not always equal to 100 percent.
- Revenue or indicators received by providers of electronic communications networks and services indicated in the report, for calculating of which the revenue values are used, are excluding VAT.
- The summarised indicators of electronic communication activities are given in the Annex No. 1.

## 2. MAIN CHANGES AND TRENDS IN THE FIRST QUARTER OF 2018

- 121 undertaking was engaged in electronic communications activities in the first quarter of 2018, most of them (more than 40%) carried out several activities of electronic communications.
- Electronic communications market (according to revenues) in the first quarter of 2018, in comparison with the fourth quarter of 2017, decreased by 2,4%, and constituted EUR 167,73 million. In comparison with the first quarter of 2017, it increased by 1,5% (EUR 2,44 million).
- In the first quarter of 2018, electronic communications operators continued to invest into broadband communications networks (mobile 4G networks (LTE), fixed broadband, using fibre communication lines, networks). In the first quarter of 2018, the investments into the electronic communications network infrastructure amounted to EUR 19,79 million. Mainly in the first quarter of 2018 invested „Telia Lietuva“, AB into broadband communication network (more than 50% quarter of all investments).
- The broadband penetration (subscribers per 100 population) was 42,8%, and during the first quarter it increased by 1,1 percentage point, during the year –increased by 3,8 percentage point.
- At the end of the first quarter of 2018, 43,1% of households could use 30Mbps and higher speed of the Internet, including 26,6% which could use higher speed than 100 Mbps (at the end of the first quarter of 2017 these figures were accordingly 44,9% and 26,3%).
- During the first quarter of 2018, total number of Internet service subscribers using fibre-optic communication lines was 570,9, during the first quarter this number increased by 0,9% (5,3 thousand new connections), during the year – 3,5%.
- Total number of subscribers that used services of data transmission through public mobile communication network (GPRS/EDGE, UMTS, UMTS HSDPA, LTE) in the first quarter of 2018 totalled 2.484,0 thousand (2,4% more comparing with previous quarter and 14,3% more comparing with the first quarter of 2017).
- The total number of subscribers that used LTE (Long Term Evolution) technology-based Internet access services, during the first quarter of 2018 this number increased by 1,5%, during the year – by 34,8% and was 1.791,3 thousand.
- During the first quarter of 2018 the number of LTE base stations increased by 17,5%, during the year – by 39,9% and at the end of first quarter of 2018 there were 5.664 LTE base stations.
- In the first quarter of 2018, in comparison with the fourth quarter of 2017, the amount of data sent and received by using the GPRS/EDGE, UMTS, UMTS HSDPA, LTE technologies increased by 8,1% and amounted to approximately 64.769 terabytes (TB). Comparing with the first quarter of 2017, in the first quarter of 2017 their number increased 76,5%. 92,0% of all sent and received data were sent by using LTE and faster technologies.
- At the end of the first quarter of 2018, 705,6 thousand subscribers (i. e. 52,4% of all households) used pay television (pay-TV) services. During the first quarter the number of pay-TV subscribers decreased by 0,5%. Though the majority of subscribers still use cable TV services, their share decreases. However, the number of IPTV service subscribers increases: during the first quarter of 2018, the number of IPTV subscribers increased by 2,5%, during the year – by 11,0%, and totalled 235,1 thousand, i. e. 33,3% of all pay-TV subscribers.

### 3. GENERAL OVERVIEW OF THE ELECTRONIC COMMUNICATIONS MARKET

- The terms and abbreviations used in this section of the report:
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.

**Table 1. Number of service providers, engaged in appropriate electronic communications activities, in units, and their changes, in units 2018 IQ**

Elektroninic communication activity	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
1. Public mobile telephone services	16	16	16	16	14	14	14	14	14	0	0
2. Public fixed telephone services	35	35	36	36	36	36	34	35	35	0	-1
3. Wholesale public communications networks provision and public telephone services	14	14	14	15	15	15	15	15	15	0	0
4. Internet access services using mobile network technologies	6	6	6	6	7	7	7	7	7	0	0
5 Internet access services using fixed network technologies	96	97	97	98	86	85	84	88	88	0	2
6. Other data transmission services (excluding Internet access services)	19	19	19	19	17	17	17	17	17	0	0
7. Television services (pay-TV)	40	40	41	42	40	41	40	39	39	0	-1
8. Radio and television programmes transmission services	4	4	4	4	3	3	3	3	3	0	0
9. Access to physical infrastructure services	14	15	15	15	15	15	15	15	15	0	0
<b>Total:</b>	<b>140</b>	<b>140</b>	<b>141</b>	<b>140</b>	<b>129</b>	<b>128</b>	<b>128</b>	<b>127</b>	<b>121</b>	<b>-6</b>	<b>-8</b>

**Table 2. Number of service users that used bundled offers, in thousand units, and their changes, %, 2016 IQ – 2018 IQ**

Elektroninic communication activity	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Mobile telephony communication and broadband Internet	412,6	467,8	599,9	599,7	582,1	562,3	603,7	618,8	616,1	-0,4	5,8
Broadband Internet and television	111,0	110,6	111,7	113,3	196,5	200,4	203,9	204,8	202,8	-1,0	3,2
Fixed telephony communication, broadband Internet and television	87,5	91,0	94,2	96,2	99,2	98,5	97,6	96,3	92,8	-3,7	-6,5
Fixed telephony communication and broadband Internet	58,3	60,1	61,4	62,2	60,9	58,3	55,1	52,0	47,8	-8,1	-21,6
Fixed telephony communication and television	0,0	0,0	0,0	0,0	3,6	3,7	3,8	3,8	4,0	4,7	12,7
<b>Total:</b>	<b>669,4</b>	<b>729,5</b>	<b>867,2</b>	<b>871,5</b>	<b>942,3</b>	<b>923,1</b>	<b>964,1</b>	<b>975,7</b>	<b>963,5</b>	<b>-1,3</b>	<b>2,2</b>

**Table 3. Revenue, received from electronic communications networks and (or) services provision, Eur million, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Revenue	160,75	160,65	166,34	168,45	165,28	174,78	168,85	171,89	167,73	-2,42	1,48

**Table 4. Structure of the revenue by groups of services, mill. Eur., market shares, %, and changes, %, 2016 IQ - 2018 IQ**

Service group	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
1. Retail public mobile telephone services	43,86	43,83	43,90	43,25	42,89	44,11	44,28	42,37	42,06	-0,72	-1,95
2. Retail public fixed telephone services	11,35	11,13	10,86	10,80	10,54	10,16	9,80	9,41	9,09	-3,39	-13,72
3. Wholesale public communications networks provision and public telephone services	36,33	34,58	36,52	37,45	34,22	39,71	32,81	36,05	32,36	-10,25	-5,45
4. Internet access services using mobile network technologies	19,57	21,23	24,23	25,66	26,66	29,33	32,01	33,48	34,86	4,11	30,75
5 Internet access services using fixed network technologies	26,06	26,20	27,01	27,11	25,56	25,43	24,43	24,61	24,27	-1,37	-5,06
6. Other data transmission services (excluding Internet access services)	5,28	5,17	5,17	5,28	5,42	5,98	5,64	5,86	5,52	-5,68	1,93
7. Television services (pay-TV)	15,82	15,95	16,23	16,33	16,81	16,87	16,69	17,00	16,45	-3,25	-2,15
8. Radio and television programmes transmission services	1,13	1,24	1,11	1,18	1,10	1,09	1,11	1,11	1,07	-3,18	-2,47
9. Access to physical infrastructure services	1,35	1,32	1,31	1,37	2,08	2,09	2,07	2,06	2,05	-0,29	-1,68

**Table 4a. Structure of the revenue by groups of services, mill. Eur., market shares, %, and changes, in percentage points, 2016 IQ - 2018 IQ**

Service group	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
1. Retail public mobile telephone services	27,29	27,28	26,39	25,68	25,95	25,24	26,22	24,65	25,08	0,43	-0,88
2. Retail public fixed telephone services	7,06	6,93	6,53	6,41	6,37	5,82	5,80	5,47	5,42	-0,05	-0,95
3. Wholesale public communications networks provision and public telephone services	22,60	21,52	21,95	22,23	20,70	22,72	19,43	20,98	19,29	-1,68	-1,41
4. Internet access services using mobile network technologies	12,18	13,21	14,57	15,24	16,13	16,78	18,96	19,48	20,78	1,30	4,65
5 Internet access services using fixed network technologies	16,21	16,31	16,24	16,09	15,47	14,55	14,47	14,32	14,47	0,15	-1,00
6. Other data transmission services (excluding Internet access services)	3,29	3,22	3,11	3,14	3,28	3,42	3,34	3,41	3,29	-0,11	0,01
7. Television services (pay-TV)	9,84	9,93	9,76	9,70	10,17	9,65	9,89	9,89	9,81	-0,08	-0,36
8. Radio and television programmes transmission services	0,70	0,77	0,67	0,70	0,66	0,62	0,66	0,64	0,64	-0,01	-0,03
9. Access to physical infrastructure services	0,84	0,82	0,79	0,81	1,26	1,20	1,23	1,20	1,22	0,03	-0,04

**Table 5. Structure of electronic communications market revenue by service providers, %, and changes in market shares, in percentage points, 2016 IQ - 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	42,52	42,63	41,66	41,40	41,87	43,99	41,58	42,27	42,05	-0,22	0,18
UAB „Tele2“	19,02	19,07	19,47	19,51	19,63	19,72	21,14	19,89	20,27	0,39	0,64
UAB „Bitė Lietuva“	15,66	15,89	16,03	15,80	16,06	16,28	17,53	17,46	17,69	0,23	1,63
UAB „Mediafon Carrier Services“	5,28	4,47	4,67	5,73	4,33	3,43	2,73	3,27	2,72	-0,56	-1,61
UAB „Cgates“	2,40	2,35	2,25	2,29	3,07	2,84	2,95	2,98	3,27	0,29	0,20
AB Lietuvos radijo ir televizijos centras	2,10	2,15	2,04	2,02	2,04	1,97	2,07	2,05	2,14	0,08	0,09
Other providers	13,02	13,44	13,87	13,26	13,01	11,77	12,00	12,08	11,87	-0,21	-1,14

**Table 6. Investments into the electronic communication network infrastructure, mill. Eur, and their changes, %, 2016 IQ – 2018 I Q**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Investments	33,93	21,51	17,90	24,50	17,05	16,96	18,39	24,54	19,79	-19,39	16,03

**Table 7. Total number of active SIM cards, in thousand units, their changes, %, and penetration (SIM cards per 100 population), %, changes in percentage points, 2016 IQ – 2018 m. I Q**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total number of active SIM cards*</b>	<b>4158,8</b>	<b>4183,4</b>	<b>4239,6</b>	<b>4205,8</b>	<b>4233,4</b>	<b>4268,4</b>	<b>4355,5</b>	<b>4361,3</b>	<b>4447,0</b>	<b>2,0</b>	<b>5,0</b>
SIM cards, used for telephone communication	3601,5	3607,0	3657,3	3601,2	3713,1	3715,9	3761,3	3738,6	3768,5	0,8	1,5
SIM cards, used for provision Internet access services, when is used non-telephony, but Internet access payment plan	369,9	383,5	395,5	417,1	291,0	319,3	348,1	371,7	400,8	7,8	37,7
SIM cards, used for provision M2M technology services	187,3	192,9	186,9	187,5	229,3	233,2	246,1	251,0	274,8	9,5	19,8
<b>Penetration*</b>	<b>144,5</b>	<b>145,8</b>	<b>148,3</b>	<b>150,0</b>	<b>151,0</b>	<b>151,3</b>	<b>155,4</b>	<b>155,2</b>	<b>158,6</b>	<b>3,4</b>	<b>7,6</b>

\* included used SIM cards used for M2M and cards used for provision Internet access services, when is used non-telephony, but Internet access payment plan.

## 4. TELEPHONY COMMUNICATIONS

### 4.1. Retail mobile telephony communications services

- Retail mobile telephony communication services covered by this section of the report include voice services, sent short text messages (SMS) and illustrated messages (MMS) services, retail roaming voice, SMS and MMS, and other services.
- The terms and abbreviations used in this section of the report:
  - Active SIM (Subscriber Identity Module) card – such a SIM card, for which was made, in any way, the payment for the services at least once in a reporting period or was executed the telecommunication event.
  - Pre-paid – i.e. service users that use prepaid services.
  - Post-paid – i. e. service users, that pay for the services against the bills.
  - ARPU (Average Revenue per User) – the average revenue from one SIM card per month.
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.
  - Revenue (unless otherwise stated) include the total revenue earned from the public mobile telephone services

**Table 8. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers providing services on their network (mobile operators)	3	3	3	3	3	3	3	3	3	0	0
Service providers have concluded wholesale service contract with mobile operator	5	5	5	5	6	4	4	4	4	0	-2
Service providers resell services provided by other mobile telephone service providers	8	8	8	8	8	7	7	7	7	0	-1
All providers	16	16	16	16	17	14	14	14	14	0	-3

**Table 9. Number of active SIM cards, in thousand units, their changes, %, and penetration (SIM cards per 100 population), %, changes in percentage points, 2016 IQ – 2018 m. IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
SIM cards	3601,0	3606,2	3656,4	3600,1	3671,8	3664,7	3701,9	3738,7	3768,5	0,8	2,6
Penetration	125,1	125,7	127,9	126,4	129,7	129,9	131,5	133,0	134,4	1,4	4,8

**Table 10. Structure of service providers according to the number of active SIM cards, %, and changes in market shares in percentage points, 2016 IQ – 2018 IQ**

– Market share	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	47,2	47,6	47,9	47,9	46,3	46,1	45,7	45,6	45,1	-0,5	-1,2
„Telia Lietuva“, AB	27,6	27,5	27,3	27,1	27,5	27,6	27,6	27,6	29,1	1,5	1,7
UAB „Bitė Lietuva“	22,9	22,6	22,5	22,6	24,0	24,1	24,5	24,6	23,7	-0,9	-0,3
Other providers	2,3	2,3	2,3	2,5	2,3	2,2	2,2	2,2	2,1	-0,1	-0,2

**Table 11. Structure of SIM cards by service providers and method of payment, in thousand units, 2016 m. IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Bitė Lietuva“	825,4	815,3	821,7	812,4	889,6	894,1	919,7	918,4	892,0	-2,9	0,3
Pre-paid					339,0	337,3	348,1	338,7	317,2	-6,3	-6,4

<i>Post-paid:</i>					550,9	556,8	571,6	579,7	574,8	-0,9	4,3
• Consumers					324,6	326,6	329,7	333,7	335,1	0,4	3,2
• Other service users					226,3	230,2	241,9	246,0	239,6	-2,6	5,9
<b>UAB „Tele2“</b>	<b>1 700,3</b>	<b>1 717,8</b>	<b>1 752,4</b>	<b>1 724,5</b>	<b>1 717,5</b>	<b>1 713,1</b>	<b>1 720,4</b>	<b>1 704,2</b>	<b>1 699,2</b>	<b>-0,3</b>	<b>-1,1</b>
<i>Pre-paid</i>					849,7	839,7	847,1	816,2	795,7	-2,5	-6,4
<i>Post-paid:</i>					867,8	873,4	873,4	888,5	903,6	1,7	4,1
• Consumers					710,6	714,5	716,5	731,3	742,7	1,6	4,5
• Other service users					157,2	158,9	156,9	157,2	160,9	2,3	2,3
<b>„Telia Lietuva“, AB*</b>	<b>995,6</b>	<b>992,5</b>	<b>999,0</b>	<b>975,7</b>	<b>1 020,1</b>	<b>1 025,2</b>	<b>1 039,9</b>	<b>1 033,6</b>	<b>1 097,7</b>	<b>6,2</b>	<b>7,6</b>
<i>Pre-paid</i>					291,3	287,6	292,5	277,3	270,2	-2,6	-7,3
<i>Post-paid:</i>					728,8	737,6	747,4	756,3	827,5	9,4	13,5
• Consumers					503,6	510,6	518,6	525,3	587,3	11,8	16,6
• Other service users					225,2	227,1	228,8	231,1	240,2	3,9	6,7
<b>Other providers</b>	<b>80,2</b>	<b>81,4</b>	<b>84,1</b>	<b>88,5</b>	<b>85,8</b>	<b>83,5</b>	<b>81,4</b>	<b>82,4</b>	<b>79,6</b>	<b>-3,4</b>	<b>-7,2</b>
<i>Pre-paid</i>					1,8	0,7	0,7	0,8	0,0	-95,2	-97,7
<i>Post-paid:</i>					83,8	82,8	80,7	81,8	79,6	-2,7	-5,0
• Consumers					52,5	52,9	53,5	53,9	54,2	0,4	3,1
• Other service users					31,2	29,8	27,2	27,8	25,4	-8,7	-18,6
<b>All providers</b>	<b>3 601,5</b>	<b>3 607,0</b>	<b>3 657,3</b>	<b>3 601,2</b>	<b>3 713,1</b>	<b>3 715,9</b>	<b>3 761,3</b>	<b>3 738,6</b>	<b>3 768,5</b>	<b>0,8</b>	<b>1,5</b>
<i>Pre-paid</i>					1 481,9	1 465,3	1 488,3	1 433,0	1 383,1	-3,5	-6,7
<i>Post-paid:</i>					2 231,2	2 250,6	2 273,0	2 306,3	2 385,4	3,4	6,9
• Consumers					1 591,4	1 604,6	1 618,2	1 644,1	1 719,4	4,6	8,0
• Other service users					639,9	646,0	654,8	662,2	666,1	0,6	4,1

\*- until 2017 UAB „Omnitel“ data.

**Table 12. Number portability between public mobile networks, in units, 2018 IQ**

Service providers	Transferred to network	Transferred from network	Difference
UAB „Tele2“	15 406	13 246	2 160
„Telia Lietuva“, AB	9 825	9 060	765
UAB „Bitė Lietuva“	11 841	14 618	-2 777
Other providers	3 423	3 571	-148
<b>All providers</b>	<b>40 495</b>		

**Table 13. Duration of initiated calls, mill. min., and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Calls initiated in the Republic of Lithuania	2 140,5	2 173,4	2 129,5	2 123,8	2 123,2	2 158,8	2 120,1	2 127,0	2 130,6	0,2	0,4
Roaming initiated calls	13,7	21,8	25,2	25,8	36,1	42,8	52,9	54,3	55,2	1,7	53,3
<b>All calls</b>	<b>2 154,2</b>	<b>2 195,2</b>	<b>2 154,7</b>	<b>2 149,6</b>	<b>2 159,2</b>	<b>2 201,5</b>	<b>2 173,0</b>	<b>2 181,3</b>	<b>2 185,9</b>	<b>0,2</b>	<b>1,2</b>

**Table 14. The structure of calls initiated in individual public mobile networks in Lithuania by voice call directions, mill. min., 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>UAB „Bitė Lietuva“</b>	<b>488,8</b>	<b>499,9</b>	<b>481,5</b>	<b>477,7</b>	<b>472,8</b>	<b>480,4</b>	<b>471,9</b>	<b>470,9</b>	<b>473,0</b>	0,5	0,0
Terminated on-net	240,3	244,2	232,4	228,6	221,0	223,6	219,8	217,4	216,0	-0,6	-2,2
Terminated in other public mobile communication networks	226,6	233,9	227,9	227,0	227,8	232,7	228,6	230,4	233,6	1,4	2,6
Terminated in public fixed communication networks	19,1	18,7	18,4	19,2	19,8	19,7	19,2	18,8	19,3	2,3	-2,7
terminated in the networks of foreign countries	2,9	3,1	2,9	2,8	2,7	2,7	2,8	2,6	2,5	-6,0	-8,3
<b>„Telia Lietuva“, AB</b>	<b>563,8</b>	<b>580,9</b>	<b>567,0</b>	<b>564,6</b>	<b>567,9</b>	<b>575,9</b>	<b>567,6</b>	<b>570,4</b>	<b>568,7</b>	-0,3	0,1
Terminated on-net	285,5	294,2	284,8	281,0	276,9	278,7	274,5	273,9	271,6	-0,9	-1,9
Terminated in	254,2	262,6	258,6	259,0	259,9	265,6	261,8	264,7	265,3	0,2	2,0

other public mobile communication networks Terminated in public fixed communication networks terminated in the networks of foreign countries	19,8	19,6	19,2	20,5	21,1	21,1	20,6	21,4	21,8	2,0	3,5
	4,4	4,4	4,3	4,1	4,1	4,2	4,4	4,2	4,1	-3,9	-0,1
<b>UAB „Tele2“</b>	<b>1 030,7</b>	<b>1 033,4</b>	<b>1 022,9</b>	<b>1 023,0</b>	<b>1 031,2</b>	<b>1 049,3</b>	<b>1 028,4</b>	<b>1 033,3</b>	<b>1 036,8</b>	<b>0,3</b>	<b>0,5</b>
Terminated on-net	689,7	680,3	665,4	662,5	666,6	674,4	655,0	651,0	650,7	-0,1	-2,4
Terminated in other public mobile communication networks	301,0	312,9	317,5	320,3	322,5	332,9	332,7	339,7	342,5	0,8	6,2
Terminated in public fixed communication networks terminated in the networks of foreign countries	35,4	35,4	35,3	35,7	37,7	37,9	36,9	38,8	39,7	2,3	5,3
	4,6	4,8	4,6	4,5	4,3	4,1	3,9	3,7	3,9	6,4	-9,2
<b>Other providers</b>	<b>57,1</b>	<b>59,3</b>	<b>58,1</b>	<b>58,4</b>	<b>51,3</b>	<b>53,1</b>	<b>52,2</b>	<b>52,4</b>	<b>52,1</b>	<b>-0,7</b>	<b>1,5</b>
Terminated on-net	18,7	19,8	19,5	19,7	14,7	15,1	14,8	14,8	14,6	-1,3	-0,5
Terminated in other public mobile communication networks	36,0	37,0	36,1	36,2	34,2	35,6	35,0	35,2	35,1	-0,4	2,5
Terminated in public fixed communication networks terminated in the networks of foreign countries	2,0	2,0	1,9	2,1	1,8	1,8	1,7	1,8	1,8	1,1	1,4
	0,5	0,5	0,5	0,5	0,4	0,4	0,4	0,4	0,3	-14,4	-16,2
<b>All providers</b>	<b>2 140,5</b>	<b>2 173,4</b>	<b>2 129,5</b>	<b>2 123,8</b>	<b>2 123,2</b>	<b>2 158,8</b>	<b>2 120,1</b>	<b>2 127,0</b>	<b>2 130,6</b>	<b>0,2</b>	<b>0,4</b>
Terminated on-net	1 234,2	1 238,5	1 202,2	1 191,8	1 179,1	1 191,8	1 164,1	1 157,2	1 153,0	-0,4	-2,2
Terminated in other public mobile communication networks	817,7	846,4	840,1	842,6	844,5	866,9	858,1	870,0	876,4	0,7	3,8
Terminated in public fixed communication networks terminated in the networks of foreign countries	76,3	75,6	74,9	77,5	80,5	80,5	78,4	80,9	82,7	2,2	2,8
	12,3	12,8	12,3	11,9	11,5	11,5	11,5	10,9	10,8	-1,3	-6,0

**Table 15. Average call duration initiated in public mobile communication networks in Lithuania per subscriber per month by service providers, min., 2016 IQ – 2018IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>UAB „Bitė Lietuva“</b>	<b>197,4</b>	<b>197,4</b>	<b>197,4</b>	<b>196,0</b>	<b>177,2</b>	<b>179,1</b>	<b>171,0</b>	<b>170,9</b>	<b>176,8</b>	<b>3,4</b>	<b>-0,2</b>
Pre-paid					80,0	81,0	75,5	74,8	76,8	2,8	-4,0
Post-paid:					247,3	251,3	245,5	246,4	251,3	2,0	1,6
• Consumers					221,9	220,4	207,1	200,9	204,8	1,9	-7,7
• Other service users											
<b>„Telia Lietuva“, AB</b>	<b>188,8</b>	<b>188,8</b>	<b>188,8</b>	<b>192,9</b>	<b>185,6</b>	<b>187,2</b>	<b>181,9</b>	<b>184,0</b>	<b>172,7</b>	<b>-6,1</b>	<b>-6,9</b>
Pre-paid					70,8	66,1	68,3	68,2	67,2	-1,5	-5,2
Post-paid:					230,6	233,0	225,0	225,0	206,3	-8,3	-10,5
• Consumers					233,3	237,9	229,6	229,6	209,2	-8,9	-10,3
• Other service users											
<b>UAB „Tele2“</b>	<b>202,1</b>	<b>202,1</b>	<b>202,1</b>	<b>197,7</b>	<b>200,1</b>	<b>204,2</b>	<b>199,3</b>	<b>202,1</b>	<b>203,4</b>	<b>0,6</b>	<b>1,6</b>
Pre-paid					133,9	136,7	134,5	135,0	134,0	-0,7	0,1
Post-paid:											
• Consumers					265,3	269,6	262,4	264,0	237,8	-9,9	-10,4
• Other service users					263,9	266,4	260,3	262,6	182,8	-30,4	-30,7

<b>Other providers</b>	237,4	237,4	237,4	220,0	199,2	212,0	213,7	211,9	218,0	2,9	9,4
Pre-paid					0,8	4,2	5,3	5,7			
Post-paid:											
• Consumers					233,7	233,7	229,1	227,7	227,6	-0,1	-2,6
• Other service users					178,7	178,7	188,8	186,2	197,6	6,1	10,6
<b>All providers</b>	198,1	198,1	198,1	196,6	193,7	193,7	187,9	189,6	188,5	-0,6	-2,7
Pre-paid					110,0	110,0	107,6	107,7	107,8	0,1	-1,9
Post-paid:											
• Consumers					253,1	253,1	245,9	246,8	242,1	-1,9	-4,3
• Other service users					235,9	235,9	226,9	224,9	217,5	-3,3	-7,8

**Table 16. Structure of service providers based on the duration of voice calls initiated by service users using roaming services, mill. min., and changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	2,8	4,2	5,4	5,5	15,4	18,0	20,0	21,1	21,8	3,2	41,1
„Telia Lietuva“, AB	6,7	11,3	12,0	12,1	12,3	14,7	19,1	19,2	19,5	1,2	57,7
UAB „Bitė Lietuva“	3,8	5,7	7,2	7,7	7,8	9,7	12,7	13,0	13,0	-0,2	65,6
Other providers	0,4	0,5	0,6	0,5	0,4	0,4	1,0	1,0	1,0	7,0	136,3
<b>All providers</b>	13,7	21,8	25,2	25,8	36,1	42,8	52,9	54,3	55,2	1,7	53,3

**Table 17. Average call duration initiated in public mobile communication networks in Lithuania per subscriber (using roaming services) per month by service providers, min., and changes, %, 2016 IQ – 2018IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	0,6	0,8	1,0	1,1	3,0	3,5	3,9	4,1	4,3	3,5	42,6
„Telia Lietuva“, AB	2,2	3,8	4,0	4,1	4,0	4,8	6,1	6,2	5,9	-4,7	46,5
UAB „Bitė Lietuva“	1,5	2,3	2,9	3,1	2,9	3,6	4,6	4,7	4,9	2,7	65,1
Other providers	1,5	2,1	2,3	2,1	1,7	1,8	4,3	3,9	4,3	10,8	154,7
<b>All providers</b>	1,3	2,0	2,3	2,4	3,2	3,8	4,7	4,8	4,9	0,9	51,0

**Table 18. Revenue, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Revenue	43,86	43,83	43,90	43,25	42,89	44,11	44,28	42,37	42,06	-0,72	-1,95
Including: roaming services	5,27	4,52	4,20	4,14	3,84	4,15	3,79	3,64	3,57	-1,96	-7,11

**Table 19. Structure of revenue by the way of payment, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

Services	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Voice calls (initiated in Lithuania)</b>	<b>29,19</b>	<b>29,92</b>	<b>29,88</b>	<b>28,66</b>	<b>17,53</b>	<b>30,08</b>	<b>30,18</b>	<b>29,59</b>	<b>28,94</b>	-2,18	65,13
Pre-paid	6,34	6,53	6,86	6,23	5,03	5,99	5,96	6,07	5,53	-8,77	10,02
Post-paid:											
• Consumers	23,39	23,02	22,43	12,50	24,09	24,22	23,52	23,41	23,41	-0,48	87,31
• Other service users	15,39	15,55	15,21	14,64	9,37	16,25	16,63	16,28	16,33	0,35	74,37
<b>SMS</b>	<b>5,98</b>	<b>5,79</b>	<b>5,69</b>	<b>6,11</b>	<b>6,28</b>	<b>6,14</b>	<b>6,35</b>	<b>5,94</b>	<b>6,17</b>	3,88	-1,78
Pre-paid	2,26	2,19	2,15	2,06	1,97	1,90	1,93	1,50	1,93	29,06	-1,79
Post-paid:											
• Consumers	4,84	3,60	3,54	4,05	4,31	4,24	4,42	4,44	4,24	-4,62	-1,78
• Other service users	2,59	2,36	2,35	2,58	2,77	2,74	2,87	2,74	2,70	-1,46	-2,45
<b>MMS</b>	<b>0,18</b>	<b>0,18</b>	<b>0,20</b>	<b>0,22</b>	<b>0,23</b>	<b>0,24</b>	<b>0,24</b>	<b>0,25</b>	<b>0,25</b>	-2,36	9,83
Pre-paid	0,04	0,03	0,04	0,03	0,05	0,04	0,04	0,04	0,04	-4,45	-19,18
Post-paid:											
• Consumers	0,14	0,14	0,16	0,18	0,18	0,20	0,20	0,22	0,21	-2,00	17,07
• Other service users	0,08	0,08	0,10	0,11	0,11	0,13	0,12	0,14	0,14	0,20	26,56
<b>Roaming</b>	<b>5,27</b>	<b>4,52</b>	<b>4,20</b>	<b>4,14</b>	<b>3,84</b>	<b>4,15</b>	<b>3,79</b>	<b>3,64</b>	<b>3,57</b>	-1,96	-7,11
Pre-paid	0,65	0,57	0,55	0,50	0,40	0,44	0,45	0,32	0,26	-20,30	-36,33
Post-paid:											
• Consumers	4,62	3,95	3,66	3,63	3,44	3,72	3,34	3,32	3,31	-0,18	-3,68
• Other service users	1,79	1,46	1,35	1,23	1,16	1,39	1,27	1,21	1,17	-3,51	1,25
<b>Other services</b>	<b>3,24</b>	<b>3,42</b>	<b>3,92</b>	<b>4,13</b>	<b>2,98</b>	<b>3,49</b>	<b>3,72</b>	<b>2,94</b>	<b>3,13</b>	6,39	4,97
Pre-paid	0,96	1,11	1,18	1,15	0,96	0,86	0,76	0,32	0,47	47,79	-51,34
Post-paid:											
• Consumers	2,28	2,31	2,74	2,25	2,02	2,62	2,96	2,62	2,66	1,38	31,89

•Other service users	0,87	0,89	1,00	1,02	0,67	0,83	0,74	0,82	0,76	-6,86	13,95
<b>Total:</b>	<b>43,86</b>	<b>43,83</b>	<b>43,90</b>	<b>43,25</b>	<b>42,89</b>	<b>44,11</b>	<b>44,28</b>	<b>42,37</b>	<b>42,06</b>	-0,72	-1,95
Pre-paid	10,23	10,43	10,78	9,97	9,43	9,24	9,14	8,24	8,23	-0,15	-12,71
Post-paid:	33,63	33,40	33,12	33,28	33,47	34,87	35,14	34,12	33,83	-0,86	1,09
•Consumers	21,27	20,88	20,75	20,52	21,08	22,29	23,11	22,18	22,25	0,30	5,56
•Other service users	12,35	12,52	12,37	12,75	12,39	12,58	12,03	11,94	11,58	-3,01	-6,52

**Table 20. Structure of revenue by services providers, %, and changes of market shares, in percentage points, 2016 IQ – 2018 IQ**

Market share	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	43,11	42,20	42,68	42,80	41,49	41,20	41,74	39,63	38,84	-0,80	-2,65
„Telia Lietuva“, AB	28,69	29,00	28,63	28,10	27,76	27,17	25,51	27,34	29,12	1,79	1,36
UAB „Bitė Lietuva“	25,53	25,88	25,67	25,88	27,79	28,74	28,58	29,33	28,40	-0,94	0,60
Other providers	2,68	2,93	3,02	3,21	2,90	2,89	4,17	3,70	3,65	-0,05	0,75

**Table 21. ARPU according to the service providers, Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Bitė Lietuva“	3,59	3,63	3,56	3,54	3,80	3,99	3,87	3,81	3,69	-3,0	-2,7
„Telia Lietuva“, AB	3,32	3,36	3,28	3,22	3,15	3,15	2,92	2,99	2,99	0,3	-5,0
UAB „Tele2“	3,55	3,43	3,43	3,42	3,30	3,35	3,36	3,06	2,94	-3,9	-10,9
Other providers	4,83	5,21	5,21	5,19	4,86	5,01	7,32	3,45	3,33	-3,5	-31,5
<b>All providers</b>	<b>3,52</b>	<b>3,49</b>	<b>3,45</b>	<b>3,43</b>	<b>3,41</b>	<b>3,49</b>	<b>3,44</b>	<b>3,24</b>	<b>3,15</b>	-2,6	-7,6

**Table 22. Average revenue from voice calls by service providers, Eur ct per 1 minute, and their changes, Eur ct, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2007 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Bitė Lietuva“	1,55	1,59	1,69	1,69	1,84	1,87	1,95	1,89	1,83	-3,57	-0,84
„Telia Lietuva“, AB	1,65	1,66	1,69	1,57	1,40	1,46	1,45	1,55	1,61	3,57	14,92
UAB „Tele2“	1,17	1,16	1,15	1,11	1,01	1,22	1,29	1,28	1,23	-3,59	21,80
Other providers	0,42	0,55	0,63	0,63	1,08	1,06	1,11	1,09	1,08	-1,57	0,06
<b>All providers</b>	<b>1,36</b>	<b>1,38</b>	<b>1,40</b>	<b>1,35</b>	<b>1,39</b>	<b>1,39</b>	<b>1,42</b>	<b>1,39</b>	<b>1,36</b>	-2,35	-2,44

**Table 23. Sent SMS and MMS, mill., in units, and their structure by service providers, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2007 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>SMS</b>	<b>1417,6</b>	<b>1349,4</b>	<b>1235,8</b>	<b>1256,5</b>	<b>1156,8</b>	<b>1150,0</b>	<b>1077,6</b>	<b>1105,3</b>	<b>1041,5</b>	-5,8	-10,0
UAB „Bitė Lietuva“	333,4	315,3	279,1	274,0	237,8	227,7	207,6	209,2	203,0	-3,0	-14,6
„Telia Lietuva“, AB	308,4	292,1	260,0	272,6	254,8	245,4	231,5	243,0	223,1	-8,2	-12,4
UAB „Tele2“	753,8	720,7	675,9	685,8	644,6	656,7	618,7	631,9	593,3	-6,1	-8,0
Other providers	22,0	21,3	20,8	24,1	19,7	20,1	19,7	21,2	22,1	4,1	12,3
<b>MMS</b>	<b>2,3</b>	<b>2,3</b>	<b>2,3</b>	<b>2,4</b>	<b>2,4</b>	<b>3,0</b>	<b>2,7</b>	<b>2,8</b>	<b>3,8</b>	<b>33,4</b>	<b>54,1</b>
UAB „Bitė Lietuva“	0,3	0,3	0,3	0,5	0,5	0,6	0,6	0,6	0,7	8,5	36,2
„Telia Lietuva“, AB	0,7	0,8	0,8	0,7	0,7	0,8	0,7	0,7	0,7	3,4	-1,4
UAB „Tele2“	1,1	1,1	1,1	1,1	1,1	1,5	1,3	1,3	2,1	59,7	98,3
Other providers	0,2	0,2	0,2	0,2	0,1	0,1	0,1	0,1	0,2	47,0	79,7

**Table 24. Revenue, received from SMS ir MMS, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Revenue from SMS	5,98	5,79	5,69	6,11	6,28	6,14	6,35	5,94	6,17	3,88	-1,78
Revenue from MMS	0,18	0,18	0,20	0,22	0,23	0,24	0,24	0,25	0,25	-2,36	9,83

**Table 25. Total number of registered mobile radio base stations, in units, and its changes, %**

Total number of registered stations	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
GSM/DSC	4 312	4 338	4 388	4 394	4 429	4 465	4 465	3 812	3 824	0,31	-13,66

UMTS	3 792	3 881	3 982	3 998	4 091	4 217	4 217	4 321	4 432	2,57	8,34
LTE	2 674	3 004	3 667	3 739	4 049	4 612	4 672	4 821	5 664	17,49	39,89
Total	10 778	11 223	12 037	12 131	12 569	13 294	13 354	12 954	13 920	7,46	10,75

## 4.2. Retail fixed telephony communications services

- Retail fixed telephony communication services covered by this section of the report include voice calls over PSTN (Public Switched Telephone Network), ISDN (Integrated Services Digital Network) and IP (Voice Over IP, VoIP) technologies. Also separately are discussed prepaid cards and payphone services.
- The terms and abbreviations used in this section of the report:
  - STP/UTP lines –Shielded Twisted Pair (STP) and Unshielded Twisted Pair (UTP).
  - ARPU (Average Revenue per User) – average revenue from one fixed telephony communication user per month.
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.
  - Revenue (unless otherwise stated) include the total revenue earned from the public fixed telephone services.

**Table 26. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 I**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Total number of service providers	40	42	43	42	36	36	34	35	35	0	-1
Including: by using IP protocol	31	32	33	33	28	30	30	30	30	0	2

**Table 27. Number of service users and lines used, in thousand units, and their changes, %, penetration of the lines used and their changes, in percentage points, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Number of lines</b>	<b>547,4</b>	<b>541,4</b>	<b>531,7</b>	<b>521,9</b>	<b>509,8</b>	<b>495,8</b>	<b>485,9</b>	<b>474,3</b>	<b>459,5</b>	<b>-3,1</b>	<b>-9,9</b>
Penetration of lines (per 100 population)	19,0	18,9	18,6	18,3	18,0	17,6	17,3	16,9	16,4	-0,5	-1,6
Penetration of lines (per 100 households)	42,6	42,3	41,6	41,0	40,3	39,4	38,7	37,8	34,1	-3,7	-6,2
<b>Number of service users</b>	<b>555,2</b>	<b>549,7</b>	<b>540,6</b>	<b>529,9</b>	<b>517,6</b>	<b>503,2</b>	<b>494,2</b>	<b>485,9</b>	<b>470,9</b>	<b>-3,1</b>	<b>-9,0</b>
-natural persons	393,3	388,5	383,6	374,7	363,9	351,4	340,9	333,7	320,2	-4,0	-12,0
-legal person	161,9	161,2	157,0	155,2	153,8	151,8	153,2	152,2	150,6	-1,0	-2,0

**Table 28. Users of services and lines used, in thousand units, the structure by service providers, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 IQ	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Number of lines</b>	<b>547,4</b>	<b>541,4</b>	<b>531,7</b>	<b>521,9</b>	<b>509,8</b>	<b>495,8</b>	<b>485,9</b>	<b>474,3</b>	<b>459,5</b>	<b>-3,1</b>	<b>-9,9</b>
„Telia Lietuva“, AB	89,7	89,4	89,4	89,1	88,9	88,8	87,9	87,5	87,2	-0,4	-2,0
Other providers	10,3	10,6	10,6	10,9	11,1	11,2	12,1	12,5	12,8	2,5	15,7
<b>Number of service users</b>	<b>555,2</b>	<b>549,7</b>	<b>540,6</b>	<b>529,9</b>	<b>517,6</b>	<b>503,2</b>	<b>494,2</b>	<b>485,9</b>	<b>470,9</b>	<b>-3,1</b>	<b>-9,0</b>
„Telia Lietuva“, AB	88,5	88,0	88,0	87,7	87,5	87,5	86,4	85,4	85,0	-0,4	-2,9
UAB „CSC Telecom“	3,7	3,7	3,8	4,0	4,2	3,8	3,9	4,0	4,2	3,8	0,8
UAB „Baltinetos komunikacijos“	2,2	2,4	2,1	2,2	2,2	2,3	3,0	3,1	3,2	3,2	45,1
UAB „Nacionalinis telekomunikacijų tinklas“	3,0	3,2	3,3	3,4	3,6	3,7	3,9	3,9	4,0	3,2	11,9
Other providers	2,6	2,6	2,8	2,7	2,5	2,6	2,8	2,8	3,5	23,9	41,6

**Table 29. Number portability between public fixed networks, in units, 2018 IQ**

Service providers	Transferred to network	Transferred from network	Difference
UAB „Mediafon Carrier Services“	98	79	19
UAB „CSC Telecom“	615	90	525
UAB „Nacionalinis telekomunikacijų tinklas“	449	87	362
UAB „Teledema SIP“	80	3	77
UAB „EcoFon“	80	1	79

UAB „Tele2“	110	0	110
AB Lietuvos radiojo ir televizijos centras	55	1	54
„Telia Lietuva“, AB	79	1305	-1226
All providers	1566		

**Table 30. The number of fixed telephone communication lines of individual service providers, in thousand units, structure of lines by technology, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	491,3	483,9	475,5	464,8	453,2	440,5	427,2	414,9	400,5	-3,5	-11,6
Twisted metallic pair lines	389,8	381,3	372,6	362,2	361,5	348,4	335,2	321,9	305,4	-5,1	-15,5
Fibre communication lines	0,0	0,0	0,0	0,0	47,8	49,2	49,9	51,9	55,1	6,1	15,4
Wireless communication lines	21,1	20,8	20,1	19,7	19,3	19,1	18,8	18,6	18,3	-1,8	-5,3
Coaxial cable lines	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-	-
STP/UTP lines	53,2	55,2	57,0	57,7	0,0	0,0	0,0	0,0	0,0	-	-
ISDN channels	27,2	26,6	25,8	25,2	24,6	23,8	23,3	22,5	21,7	-3,5	-11,9
<b>Other providers</b>	<b>56,1</b>	<b>57,6</b>	<b>56,2</b>	<b>57,1</b>	<b>56,6</b>	<b>55,3</b>	<b>58,6</b>	<b>59,4</b>	<b>59,0</b>	<b>-0,7</b>	<b>4,2</b>
Twisted metallic pair lines	13,8	13,8	14,0	14,4	14,3	14,6	14,4	14,6	14,2	-2,7	-1,1
Fibre communication lines	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-	-
Wireless communication lines	0,1	0,1	0,1	0,1	1,5	1,6	1,6	1,8	1,6	-10,6	12,1
Coaxial cable lines	5,3	5,3	5,4	5,4	5,5	5,5	5,7	5,5	5,5	-1,0	0,5
STP/UTP lines	26,1	27,4	25,7	26,0	23,7	23,9	27,2	27,8	27,8	0,2	17,2
ISDN channels	10,9	11,0	11,1	11,2	11,6	9,7	9,7	9,7	9,9	1,8	-14,8
<b>All providers</b>	<b>547,4</b>	<b>541,4</b>	<b>531,7</b>	<b>521,9</b>	<b>509,8</b>	<b>495,8</b>	<b>485,9</b>	<b>474,3</b>	<b>459,5</b>	<b>-3,1</b>	<b>-9,9</b>
Twisted metallic pair lines	403,6	395,1	386,6	376,6	375,8	363,0	349,7	336,5	319,6	-5,0	-15,0
Fibre communication lines	0,0	0,0	0,0	0,0	47,8	49,2	49,9	51,9	55,1	6,1	15,4
Wireless communication lines	21,2	20,9	20,2	19,7	20,7	20,7	20,4	20,4	19,9	-2,6	-4,1
Coaxial cable lines	5,3	5,3	5,4	5,4	5,5	5,5	5,7	5,5	5,5	-1,0	0,5
STP/UTP lines	79,3	82,6	82,7	83,7	23,7	23,9	27,2	27,8	27,8	0,2	17,2
ISDN channels	38,1	37,5	36,9	36,4	36,2	33,5	33,0	32,2	31,6	-1,9	-12,8

**Table 31. Duration of calls initiated in public fixed telephone networks by service providers, mill. min. and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 IQ	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	201,3	178,5	161,9	173,4	173,3	156,6	142,1	147,9	143,2	0,8	-17,4
Including: - VoIP	0,4	0,4	0,4	0,3	0,4	0,3	0,3	0,2	0,2	-	-
Other providers	19,9	21,0	20,2	22,6	21,4	19,5	19,1	19,9	19,5	2,3	-13,8
Including: - VoIP	9,8	10,5	10,5	12,4	13,4	11,7	14,1	15,0	14,7	-	-
<b>All providers</b>	<b>221,2</b>	<b>199,4</b>	<b>182,1</b>	<b>196,0</b>	<b>194,7</b>	<b>176,1</b>	<b>161,2</b>	<b>167,7</b>	<b>162,7</b>	<b>0,9</b>	<b>-17,0</b>

**Table 32. Duration of initiated calls, mill. min., the structure of service providers according to the duration of the initiated calls, %, and changes of market shares, in percentage points, 2018 IQ**

	Total duration of calls, mill. min.	Market share	Quarterly change	Annual change
<b>International calls</b>	<b>8,5</b>		<b>-12,6</b>	<b>-29,0</b>
- „Telia Lietuva“, AB		41,2	0,1	1,9
- UAB „Baltnetos komunikacijos“		22,1	2,9	-2,9
- UAB „TCG Telecom“		15,9	0,8	1,6
- UAB „CSC Telecom“		10,8	-3,6	-3,0
- UAB „Peoplefone“		2,6	-0,5	0,4
- UAB „Nacionalinis telekomunikacijų tinklas“		2,8	0,4	0,5
- Other providers		4,5	-0,1	1,5
<b>National calls</b>	<b>104,4</b>		<b>-2,9</b>	<b>-19,4</b>
- „Telia Lietuva“, AB		91,5	-0,4	-1,5
- UAB „Nacionalinis telekomunikacijų tinklas“		3,9	0,2	0,7
- Other providers		4,6	0,2	0,8
<b>Calls to mobile networks</b>	<b>46,9</b>		<b>-1,4</b>	<b>-5,9</b>
- „Telia Lietuva“, AB		88,1	-0,5	-2,0
- UAB „CSC Telecom“		4,3	0,7	0,9
- UAB „Nacionalinis telekomunikacijų tinklas“		4,8	0,3	1,0
- Other providers		2,8	-0,5	0,1

<b>Calls to short and etc. free/premium rate numbers</b>	<b>2,9</b>		<b>-3,3</b>	<b>-13,1</b>
- „Telia Lietuva“, AB		95,9	0,3	-0,3
- Other providers		4,1	-0,3	0,3
<b>All calls</b>	<b>162,7</b>		<b>-3,0</b>	<b>-16,4</b>
- „Telia Lietuva“, AB		88,0	-0,1	-1,0
- UAB „Nacionalinis telekomunikacijų tinklas“		4,1	0,2	0,8
- UAB „CSC Telecom“		2,5	0,0	0,1
- Other providers		5,5	-0,1	0,2

**Table 33. The average duration of calls initiated per service user per month by service providers, min, and its change, min., 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I Q	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	136,6	122,9	113,5	124,4	127,5	118,5	110,9	118,8	119,2	0,4	-8,3
• Consumers	142,8	125,4	116,2	127,6	130,1	120,8	113,3	122,3	123,4	1,1	-6,7
• Other service users	117,0	115,2	104,9	114,2	119,2	111,6	103,7	108,4	107,0	-1,4	-12,2
Other providers	103,6	106,1	103,5	115,7	110,4	103,6	94,8	93,2	92,3	-0,9	-18,1
• Consumers	76,5	78,7	77,5	86,5	84,7	90,9	84,8	80,5	83,6	3,1	-1,1
• Other service users	116,1	118,7	116,5	129,9	122,3	109,1	99,3	99,4	96,6	-2,9	-25,8
All providers	132,8	120,9	112,3	123,3	125,4	116,6	108,7	115,1	115,2	0,1	-10,2
• Consumers	139,4	122,9	114,0	125,2	127,6	119,1	111,6	119,4	120,6	1,1	-7,0
• Other service users	116,7	116,2	108,1	118,7	120,1	110,9	102,3	105,5	103,7	-1,8	-16,4

**Table 34. Revenue, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Revenue	11,35	11,13	10,86	10,80	10,54	10,16	9,80	9,41	9,09	-7,26	-15,88
Including: - VoIP	0,41	0,43	0,46	0,55	0,64	0,60	0,75	0,71	0,71	-5,53	28,20

**Table 35. The structure of revenue by service providers, %, and their changes, in percentage points, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	93,37	93,11	92,73	91,64	91,49	91,66	91,19	91,27	91,02	-0,19	-0,68
Other providers	6,63	6,89	7,27	8,36	8,51	8,34	8,81	8,73	8,98	1,92	7,43

**Table 36. The structure of revenue, received from different directions of calls, by service providers, %, 2018 IQ**

Directions of calls	Total revenue, mill. Eur.	„Telia Lietuva“, AB	UAB „CSC Telecom“	UAB „Baltnetos komunikacijos“	UAB „TCG Telecom“	Other
Calls in own network (national calls)	2,41	99,98	-	-	-	0,02
To short and service numbers	0,29	95,42	3,04	-	-	1,54
To other fixed networks	0,17	60,67	3,79	25,07	4,58	5,89
To other mobile networks	0,95	88,28	3,40	4,82	-	3,50
International	0,80	59,23	7,43	18,73	7,32	7,28
Total revenue from calls	4,62	91,02	-	2,63	-	6,35

**Table 37. ARPU by service providers, Eur, and their changes, Eur, 2016 IQ. – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	7,18	7,13	7,04	7,09	7,08	7,04	6,96	6,89	6,88	-0,14	-2,89
Other providers	3,82	3,69	3,85	4,39	4,61	4,49	4,28	3,84	3,86	0,38	-16,31
All providers	6,79	6,71	6,66	6,76	6,77	6,72	6,60	6,44	6,43	-0,25	-5,14

**Table 38. Average service revenue by service providers, Eur ct per 1 min., and their changes, Eur ct per 1 min., 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>National call</b>											
„Telia Lietuva“, AB	2,29	2,55	2,71	2,46	2,64	2,88	3,10	3,03	2,84	-6,42	7,71
Other providers	1,38	1,31	1,39	1,33	0,84	0,95	1,09	0,91	0,91	0,03	8,63
All providers	2,23	2,46	2,61	2,37	2,51	2,74	2,95	2,86	2,68	-6,54	6,62
<b>International call</b>											
„Telia Lietuva“, AB	12,27	12,16	12,97	12,12	12,03	12,03	12,70	12,28	12,40	0,95	3,08
Other providers	6,07	5,26	5,71	6,15	5,48	5,95	6,67	6,11	6,99	14,57	27,75
All providers	9,35	8,64	9,04	8,72	8,05	8,56	9,16	8,64	9,43	9,07	17,11

**Table 39. Information on public fixed telephony services provided by prepaid cards, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Duration of call by using prepaid cards, in thousand min.	522,3	664,0	695,6	690,8	241,4	229,3	228,1	201,8	165,8	-17,9	-31,3
duration of calls by payphone,, in thousand. min.	214,1	260,2	235,4	222,0	190,5	184,3	183,1	166,5	158,3	-4,9	-16,9
Revenue from prepaid cards, thousand Eur payphone cards	33,9	59,5	64,0	58,3	15,6	20,9	16,7	16,1	11,8	-26,6	-24,2
Number of payphones, units in cities in other areas	1115,0	1047,0	1028,0	983,0	980,0	980,0	959,0	952,0	919,0	-3,5	-6,2
During the month by payphone was spoken, min	933,0	867,0	853,0	810,0	807,0	807,0	791,0	790,0	765,0	-3,2	-5,2
	182,0	180,0	175,0	173,0	173,0	173,0	168,0	162,0	154,0	-4,9	-11,0
	16,0	20,7	19,1	18,8	16,2	16,2	15,9	14,6	14,4	-1,5	-11,4

### 4.3. Wholesale public communications networks provision and public telephone services

- Wholesale provision of public communications networks and public telephone services covered by this section of the report include wholesale call initiation on the own network, call termination in public mobile and fixed communication networks, forwarding of calls (transit) services (forwarding of calls via the third public electronic communications network and/or services provider's network). In this report wholesale public communications networks provision and public telephone services also include services of foreign countries' public mobile telephone service providers, when their subscribers visit the Republic of Lithuania and use roaming services.
- The terms and abbreviations used in this section of the report:
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.
- Revenue (unless otherwise stated) in the section 4.3.1 include total revenue from wholesale provision of public communications networks and public telephone services, in the section 4.3.2 - total revenue from call transit services.

**Table 40. The structure of revenue by groups of services, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Call termination in mobile networks	12,57	14,74	11,44	11,04	10,69	11,00	11,25	11,29	11,33	0,33	5,95
Call termination in fixed networks	0,88	0,82	0,67	0,70	0,59	0,67	0,61	0,61	0,48	-20,86	-19,37
Transit services	15,84	16,43	18,10	19,92	17,87	22,56	14,67	18,78	15,44	-17,77	-13,58
Roaming in	1,09	1,59	2,26	1,31	2,15	2,57	2,76	1,67	1,58	-5,73	-26,55
Other revenue	4,99	0,99	2,91	3,26	2,91	2,92	3,51	3,70	3,53	-4,72	21,00
<b>Total revenue</b>	<b>35,36</b>	<b>34,58</b>	<b>35,39</b>	<b>36,23</b>	<b>34,22</b>	<b>39,71</b>	<b>32,81</b>	<b>36,05</b>	<b>32,36</b>	<b>-10,25</b>	<b>-5,45</b>

#### 4.3.1. Call termination services

##### Call termination in public mobile networks

**Table 41. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers	5	5	5	5	5	5	5	5	5	0	0

**Table 42. The duration of terminated calls according to the origin of call initiation, mill. min., and its changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
From public fixed communication networks	58,3	59,0	55,7	60,8	53,4	54,4	55,2	55,0	57,2	4,0	7,2
From public mobile communication networks	798,6	825,6	816,8	827,3	828,8	851,4	842,1	848,3	852,3	0,5	2,8
From foreign countries	82,0	94,9	96,7	98,1	89,0	100,9	122,8	127,2	131,3	3,2	47,5
<b>Total duration</b>	<b>938,8</b>	<b>979,5</b>	<b>969,3</b>	<b>986,2</b>	<b>971,2</b>	<b>1006,7</b>	<b>1020,2</b>	<b>1 030,5</b>	<b>1040,7</b>	<b>1,0</b>	<b>7,2</b>

**Table 43. The duration of terminated calls by service providers, %, and changes of market shares, in percentage points, 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	41,2	41,3	41,0	40,7	41,1	41,1	41,4	41,6	41,0	-1,3	-0,3
„Telia Lietuva“, AB	31,1	31,7	31,9	31,6	32,2	32,0	32,0	31,8	31,7	-0,5	-1,6
UAB „Bitė Lietuva“	26,7	26,9	27,0	26,7	26,4	26,6	26,6	26,3	27,0	2,6	2,3
Other service providers	1,0	0,1	0,1	0,9	0,3	0,2	0,2	0,3	0,3	3,1	7,9

**Table 44. The structure of revenue by service providers, %, and changes of market shares, in percentage points, 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	38,50	38,30	38,52	37,91	39,25	40,06	40,24	39,34	38,71	-1,60	-1,37
„Telia Lietuva“, AB	34,30	35,36	34,73	35,59	33,62	32,48	32,34	32,91	34,11	3,65	1,46
UAB „Bite Lietuva“	25,60	25,68	25,36	26,02	26,80	27,00	26,31	26,37	26,11	-1,00	-2,59
Other service providers	1,60	0,67	1,39	0,48	0,34	0,47	1,11	1,38	1,08	-22,11	221,24

### Call termination in public fixed networks

**Table 45. Number of service providers, in units, and their changes, in units, 2006 I – 2018 I**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Total number	8	8	8	8	7	7	7	7	7	0	0

**Table 46. The duration of terminated calls according to the origin of call initiation, mill. min., and its changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
From public fixed communication networks	21,2	21,3	19,6	22,2	22,4	19,7	16,6	17,5	18,7	7,1	-16,4
From public mobile communication networks	75,0	75,0	72,3	76,5	59,7	59,3	59,6	83,0	83,3	0,3	39,5
From foreign countries	13,3	11,5	9,8	9,8	8,9	9,2	8,6	9,1	8,8	-3,4	-1,3
<b>Total duration</b>	<b>109,5</b>	<b>107,8</b>	<b>101,7</b>	<b>108,5</b>	<b>91,0</b>	<b>88,2</b>	<b>84,8</b>	<b>109,6</b>	<b>110,8</b>	<b>1,1</b>	<b>21,7</b>

**Table 47. The duration of terminated calls by service providers, mill. min., and changes, %, 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	89,1	87,9	82,0	79,3	70,1	68,5	64,2	87,8	87,8	36,7	10,8
Other providers	20,4	19,9	19,7	22,4	20,8	19,7	20,6	21,9	22,9	11,4	2,2
<b>Total duration</b>	<b>109,5</b>	<b>107,8</b>	<b>101,7</b>	<b>101,7</b>	<b>91,0</b>	<b>88,2</b>	<b>84,8</b>	<b>109,7</b>	<b>110,8</b>	<b>30,6</b>	<b>8,9</b>

**Table 48. The structure of revenue by service providers, mill. Eur, and changes, %, 2016 IQ - 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	0,59	0,53	0,54	0,55	0,51	0,49	0,54	0,54	0,42	-22,87	-24,90
Other providers	0,29	0,28	0,14	0,15	0,09	0,18	0,07	0,06	0,06	-8,79	-56,98
<b>All providers</b>	<b>0,88</b>	<b>0,81</b>	<b>0,67</b>	<b>0,70</b>	<b>0,59</b>	<b>0,67</b>	<b>0,61</b>	<b>0,61</b>	<b>0,48</b>	<b>-21,29</b>	<b>-31,55</b>

### 4.3.2. Transit services

**Table 49. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers	11	11	11	11	12	11	11	11	11	0	-1

**Table 50. The duration of forwarded calls by call directions, mill. min., and its changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
From Lithuania to Lithuania	79,6	91,2	86,4	101,3	2,2	2,3	2,3	2,4	2,8	14,4	28,1
From Lithuania to	x	x	x	x	45,7	36,0	44,7	42,1	17,5	-58,3	-61,6

abroad											
From abroad to Lithuania	x	x	x	x	129,4	122,7	129,2	137,7	139,8	1,5	8,0
From abroad abroad	335,5	323,3	318,2	303,6	251,9	259,9	240,9	255,4	226,4	-11,4	-10,1
<b>Total duration</b>	<b>415,0</b>	<b>414,5</b>	<b>404,6</b>	<b>404,9</b>	<b>429,2</b>	<b>420,9</b>	<b>417,0</b>	<b>437,6</b>	<b>386,4</b>	<b>-11,7</b>	<b>-10,0</b>

**Table 51. The structure of forwarded calls by call directions and by service providers, %, 2018 IQ**

	„Telia Lietuva“, AB	UAB „Bitė Lietuva“	UAB „EcoFon“	UAB „Mediafon Carrier Services“	„Voxbone SA“	UAB „Raystorm“	UAB „Nacionalinis telekomunikacijų tinklas“	Other
From Lithuania to Lithuania	18,8	8,9	21,2	24,6	26,0	-	-	0,6
From Lithuania to abroad	36,5	45,9	-	4,6	-	12,9	-	0,1
From abroad to Lithuania	39,7	10,5	3,1	19,4	-	-	27,0	0,3
From abroad abroad	29,0	6,0	2,1	61,6	-	-	-	1,3
<b>Total duration</b>	<b>33,2</b>	<b>9,4</b>	<b>2,5</b>	<b>43,5</b>	<b>-</b>	<b>-</b>	<b>9,8</b>	<b>1,6</b>

**Table 52. Revenue, mill. Eur, and its changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Revenue	15,84	16,43	18,10	19,92	17,87	22,56	14,67	18,78	15,44	-17,77	-13,58

**Table 53. The structure of revenue by service providers, %, and changes of market shares, in percentage points, 2017 IVQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	46,70	43,16	39,32	39,39	42,12	64,07	49,55	51,52	51,42	-0,19	22,08
UAB „Mediafon Carrier Services“	42,90	43,63	42,84	48,42	39,96	26,49	31,33	29,90	29,42	-1,60	-26,38
UAB „EcoFon“	1,60	7,04	7,04	4,84	9,87	2,67	7,79	10,77	11,01	2,21	11,52
UAB „Bitė Lietuva“	5,00	4,13	5,30	3,32	3,88	3,99	8,62	5,85	6,11	4,44	57,23
Other providers	3,80	2,05	5,49	4,03	4,16	2,78	2,72	1,96	2,04	4,00	-50,92

## 5. DATA TRANSMISSION SERVICES

### 5.1. Internet access services

- Internet access services covered by this section of the report include retail and wholesale Internet access services.
- The terms and abbreviations used in this section of the report:
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.

**Table 54. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers	101	102	104	103	92	90	89	88	86	-2	-6

**Table 55. Revenue, mill. Eur, and its changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Retail revenue	44,25	46,09	49,09	50,86	50,87	52,98	55,11	56,77	58,23	2,58	14,47
<i>Including: by using fixed communication technologies</i>	24,68	24,86	24,86	25,20	24,30	23,85	23,46	23,50	23,53	0,11	-3,20
<i>By using mobile communication technologies</i>	19,57	21,23	24,23	25,66	26,56	29,13	31,65	33,27	34,70	4,32	30,64
<i>Including: retail roaming Internet access revenue</i>	-	-	-	-	2,61	2,84	2,40	2,50	2,64	5,39	1,03
Wholesale revenue	1,38	1,34	2,15	1,91	1,36	1,78	1,34	1,32	0,90	-32,08	-33,70
<i>Including: wholesale roaming Internet access revenue</i>	-	-	-	-	0,10	0,20	0,37	0,37	0,06	-83,30	-37,31
<b>Total revenue</b>	<b>45,64</b>	<b>47,43</b>	<b>51,23</b>	<b>52,77</b>	<b>52,22</b>	<b>54,76</b>	<b>56,45</b>	<b>58,09</b>	<b>59,13</b>	<b>1,79</b>	<b>13,22</b>

**Table 56. The structure of revenue from wholesale Internet access services by service providers, %., and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Satgate“	48,90	49,95	66,55	59,60	49,61	56,32	30,58	41,88	25,89	-38,18	-47,81
„Telia Lietuva“, AB	27,30	26,38	18,38	25,00	23,79	17,73	24,25	23,06	28,67	24,31	20,54
UAB „Bitė Lietuva“	-	-	-	-	7,22	11,07	27,03	16,54	17,45	5,55	141,64
UAB „Ektra“	4,20	4,18	4,18	3,40	4,74	3,61	4,81	4,85	6,97	43,63	46,96
LATTELEKOM SIA filialas	5,00	4,27	4,27	2,10	2,87	2,78	4,17	4,68	6,78	44,91	135,71
UAB „Nacionalinis telekomunikacijų tinklas“	7,90	8,40	6,02	5,20	8,42	5,69	7,51	7,35	11,83	60,95	40,45
Other providers	6,70	6,82	0,61	4,70	3,35	2,80	1,65	1,64	2,41	46,96	-27,94

**Table 57. The service penetration, %, and its changes, in percentage points, 2016 IQ – 2018 IQ**

Per 100 population:	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Internet access::	42,1	42,8	43,6	44,7	39,0	39,7	40,7	41,7	42,8	1,1	3,8
via mobile network	12,9	13,4	13,8	14,6	10,3	11,3	12,4	13,2	14,3	1,1	4,0
via fixed network	29,3	29,5	29,8	30,1	28,7	28,4	28,3	28,4	28,5	0,1	-0,2
<b>Per 100 households:</b>											
Internet access, by using fixed communication technologies	64,8	66,0	66,7	67,4	64,3	63,6	63,5	63,7	55,6	-8,0	-8,7

**Table 58. The speed rate of direct international Internet communication channels (Mbps) by service providers, Mb/s, and its changes, %, 2016 IQ – 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB UAB „Bitė Lietuva“	245 000 61 440	260 000 61 440	285 000 61 440	286 500 61 440	296 500 61 440	306 500 81 920	306 500 102 400	306 500 102 400	355 840 112 640	16,1 10,0	20,0 83,3
UAB „Nacionalinis telekomunikacijų tinklas“	51 200	51 200	51 200	51 200	51 200	51 200	51 200	51 200	51 200	0,0	0,0
UAB „Penkių kontinentų komunikacijų centras“	20 000	20 000	20 000	20 000	23 000	23 000	23 000	50 000	50 000	0,0	117,4
SIA „Lattelecom“ filialas	30 750	30 090	24 897	28 737	29 872	29 822	34 264	40 627	126 121	210,4	322,2
AB Lietuvos radio ir televizijos centras	0	0	0	0	24 000	24 000	28 000	33 000	33 000	0,0	37,5
UAB „Linx telecommunications“	0	0	0	0	0	0	0	0	10 240	-	-
KTU Informacinių technologijų plėtros institutas	5 120	5 120	5 120	5 120	5 120	5 120	5 120	5 120	5 120	0,0	0,0
Other	5 810	5 810	5 810	5 810	8 930	3 510	3 510	3 510	3 510	0,0	-60,7
<b>Total</b>	<b>419 320</b>	<b>433 660</b>	<b>453 467</b>	<b>458 807</b>	<b>494 942</b>	<b>525 072</b>	<b>553 994</b>	<b>602 597</b>	<b>747 671</b>	<b>24,1</b>	<b>51,1</b>

### 5.1.1. Internet access using mobile communication technologies

- Internet access using mobile communications technologies covered by this section of the report include: services provided by UMTS (Universal Mobile Telecommunications System), UMTS HSDPA (High Speed Downlink Packet Access), UMTS HSUPA (High Speed Uplink Packet Access), LTE (Long Term Evolution) and faster technologies.
- In the section 4.1.1.1. of this report is discussed about the active SIM cards used to provide retail Internet access services.

\* from 2017 IQ included AB Lietuvos radio ir televizijos centras data

**Table 59. Number of service providers, in units, and their changes, in units, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Service providers</b>	6	6	6	6	7	8	8	8	8	0	1

**Table 60. Number of active SIM cards by service groups, thousands , and their changes, %, 2016 IQ — 2018 IQ**

SIM cards	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Total number of SIM cards used for provision Internet access services - including: using LTE and faster data transfer technologies	2 194,2	2 232,8	2 371,6	2 409,0	2 173,8	2 316,6	2 381,0	2 444,3	2 484,0	1,6	14,3
1. SIM cards, used for provision Internet access services, when is paid for the amount sent/received data - including: using LTE and faster data transfer technologies	682,2	829,2	1 049,8	1 184,2	1 328,5	1 490,9	1 599,8	1 765,2	1 791,3	1,5	34,8
2. SIM cards, used for provision Internet access services, when is used non-telephony, but Internet access payment plan *	-	-	-	-	218,1	234,9	250,6	230,9	234,5	1,6	7,5
Pre-paid Post-paid:	-	-	-	-	79,9	91,5	104,2	100,3	106,7	6,3	33,4
• Consumers	369,9	383,5	395,5	417,1	291,0	319,3	348,0	371,7	400,8	7,8	37,7
• Other service users	134,4	0,0	0,0	160,1	198,5	223,1	244,9	266,2	291,5	9,5	46,9
	231,6	0,0	0,0	255,1	91,1	95,2	102,4	104,9	108,5	3,4	19,1

- including: using LTE and faster data transfer technologies	-	-	-	-	145,8	166,5	184,7	199,0	212,4	6,7	45,6
3. SIM cards, used for provision Internet access services, when data services are purchased separately from voice services as an add-on data package to voice service or are used bundled offers services.	-	-	-	-	1 470,8	1 804,3	1 648,2	1 704,6	1 790,4	5,0	21,7
- including: using LTE and faster data transfer technologies	-	-	-	-	384,2	390,0	434,6	479,1	498,9	4,1	29,8

\* This number of SIM cards is included in the calculation of the total penetration of broadband Internet.

**Table 61. The number of active SIM cards by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	39,5	40,2	39,4	40,5	33,9	35,8	34,8	35,8	38,3	6,8	12,7
„Telia Lietuva“, AB	30,6	30,7	30,3	29,4	32,3	31,3	31,7	31,2	29,3	-6,3	-9,4
UAB „Bitė Lietuva“	28,1	27,3	28,6	28,3	30,1	28,9	29,2	28,4	27,9	-1,8	-7,2
AB Lietuvos radio ir televizijos centras	0,0	0,0	0,0	0,0	2,7	2,2	2,4	2,6	2,7	2,1	0,0
Other service providers	1,7	1,7	1,7	1,7	1,0	1,9	1,9	1,9	1,9	-0,8	88,9

**Table 62. The number of active SIM cards, when is used non-telephony, but Internet access payment plan, by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	50,6	49,3	48,6	46,5	38,6	35,8	33,3	31,7	29,7	-2,0	-8,9
UAB „Bitė Lietuva“	40,0	41,3	41,8	41,6	29,7	28,4	27,3	26,3	25,4	-0,9	-4,2
UAB „Tele2“	9,1	9,1	9,2	11,5	17,1	19,4	21,5	23,5	27,1	3,7	10,0
AB Lietuvos radio ir televizijos centras	-	0,0	0,0	0,0	13,8	15,6	16,7	17,4	16,7	-0,7	2,9
Other service providers											

**Table 63. Revenue, mill. Eur, and their changes, %, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Revenue</b>	<b>19,57</b>	<b>21,23</b>	<b>24,23</b>	<b>25,66</b>	<b>26,56</b>	<b>29,13</b>	<b>31,65</b>	<b>33,27</b>	<b>34,70</b>	<b>4,32</b>	<b>30,64</b>
• including: for Internet access services, when is used non-telephony, but Internet access payment plan	5,92	6,15	6,57	7,12	7,56	8,01	8,64	9,00	9,43	4,76	24,77

**Table 64. ARPU according to the manner of access, Eur per month, and their changes, Eur per month, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Via mobile network	2,97	3,17	3,41	3,55	3,67	3,78	4,10	4,20	4,30	2,57	17,15
• ARPU for Internet access services, when is used non-telephony, but Internet access payment plan	5,34	5,35	5,54	5,69	8,66	8,36	8,28	8,08	7,84	-2,87	-9,42

**Table 65. Revenue according to the service providers, %, changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Tele2“	27,07	28,86	31,19	32,42	33,73	35,27	33,71	33,58	34,03	0,45	0,30
„Telia Lietuva“, AB	40,46	38,62	36,69	35,62	34,50	32,76	33,10	32,62	31,65	-0,97	-2,85
UAB „Bitė Lietuva“	31,94	31,93	31,49	31,42	27,81	27,35	28,15	28,65	29,13	0,48	1,32
AB Lietuvos radio ir televizijos centras	0,00	0,00	0,00	0,00	3,16	3,76	4,09	4,34	4,46	0,11	1,29
Other service providers	0,53	0,59	0,63	0,54	0,80	0,86	0,94	0,81	0,73	-0,08	-0,07

**Table 66. Revenue according to the service providers, when is used non-telephony, but Internet access payment plan, %, changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Bitė Lietuva“	37,98	38,67	40,50	39,9	34,9	34,8	33,8	34,4	34,3	-0,08	-0,57
„Telia Lietuva“, AB	47,62	46,51	44,30	40,1	33,3	31,9	30,1	27,2	25,7	-1,52	-7,67
UAB „Tele2“	14,23	13,67	15,00	19,8	20,4	19,4	20,8	22,1	23,3	1,24	2,90
AB Lietuvos radio ir televizijos centras	0,00	0,00	0,00	0,0	11,1	13,7	15,0	16,0	16,4	0,35	5,28
Other service providers	0,17	0,16	0,20	0,2	0,3	0,3	0,3	0,3	0,3	0,01	0,06

**Table 67. The total amount of data sent and received during the quarter, TB, and the amount of data sent and received by one user per month, MB, and their changes, %, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
The total amount of data sent and received	12 360	14 167	18 798	22 282	36 702	42 878	53 156	59 929	64 769	8,1	76,5
including: using LTE and faster data transfer technologies	-	-	-	-	28 487	37 023	47 337	54 507	59 575	9,3	109,1
The amount of data sent and received by one user per month	1 969	2 218	2 770	3 233	5 901	6 469	7 803	8 570	9 114	6,3	54,4

**Table 68. The total amount of data sent and received during the quarter by service providers, TB, and the amount of data sent and received by one user per month, MB, and their changes, %, 2018 IQ**

Service provider	Total amount of data	Quarterly change	Using LTE and faster technologies	Quarterly change	Amount of data per user per month	Quarterly change
UAB „Tele2“	20 409	3,2	18 207	3,6	7503,9	-4,9
AB Lietuvos radio ir televizijos centras	19 188	9,9	19 188	9,9	100068,5	5,9
„Telia Lietuva“, AB	13 824	12,0	12 584	122,6	6647,8	17,6
UAB „Bitė Lietuva“	11 118	9,7	9 456	13,4	5607,0	9,9
Other service providers	230	9,0	139	17,3	1729,6	8,1
All providers	64 769	8,1	59 575	9,3	9113,7	6,3

### 5.1.2. Internet access, using fixed communication technologies

- Internet access using mobile communications technologies covered by this section of the report include: services provided by FTTx, xDSL technology, wireless, CaTV networks, UTP and STP lines, and other lines.

**Table 69. Number of service providers, in units, and their changes, in units, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers	99	98	97	96	86	85	84	83	83	0	-3

**Table 70. The structure of service providers by technologies, %, 2018 IQ**

	FTTx	Wireless communications	CaTV network	xDSL
„Telia Lietuva“, AB	46,9	-	-	99,3
UAB „Cgates“	19,7	3,8	4,5	
„Splius“, UAB	6,2	3,1	13,0	
UAB „Balticum TV“	5,6	7,2	3,2	
UAB „Init“	5,1		75,1	
UAB „Penkių kontinentų komunikacijų centras“	5,2			
UAB „Kauno interneto sistemos“	2,4			
AB Lietuvos radiojo ir televizijos centras		49,5		
UAB „Baltinetos komunikacijos“		2,6		
KLI LT, UAB		3,8		
Other providers	9,0	30,0	4,2	0,7
<b>Total number of providers</b>	<b>53</b>	<b>54</b>	<b>10</b>	<b>6</b>

**Table 71. The number of service users by technologies, in thousand units, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total number</b>	<b>842,3</b>	<b>845,6</b>	<b>851,9</b>	<b>857,8</b>	<b>812,6</b>	<b>801,0</b>	<b>797,4</b>	<b>798,8</b>	<b>798,2</b>	<b>-0,1</b>	<b>-1,8</b>
• Consumers	786,1	787,0	793,8	799,3	763,3	752,8	749,0	750,9	749,7	-0,2	-1,8
• Other service users	56,2	58,6	58,1	58,4	49,3	48,2	48,4	47,9	48,5	1,3	-1,7

**Table 71a. FTTx**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>524,4</b>	<b>530,8</b>	<b>536,9</b>	<b>545,3</b>	<b>551,3</b>	<b>553,1</b>	<b>557,9</b>	<b>565,6</b>	<b>570,9</b>	<b>0,9</b>	<b>3,5</b>
• Consumers	493,2	496,6	503,0	510,5	521,9	523,5	526,9	534,1	538,5	0,8	3,2
• Other service users	31,3	34,1	34,0	34,8	29,4	29,7	31,0	31,4	32,3	2,8	9,8
FTTB	299,2	299,7	300,4	303,2	303,3	300,7	299,8	301,8	300,9	-0,3	-0,8
• Consumers	284,3	282,5	283,5	285,8	291,3	289,0	286,9	288,7	287,0	-0,6	-1,5
• Other service users	14,9	17,3	16,9	17,4	12,0	11,7	12,8	13,1	13,9	5,9	16,1
FTTH	225,2	231,1	236,6	242,2	248,1	252,4	258,2	263,8	270,0	2,4	8,8
• Consumers	208,9	214,2	219,5	224,7	230,6	234,5	240,0	245,4	251,5	2,5	9,1
• Other service users	16,3	16,9	17,1	17,4	17,5	17,9	18,2	18,4	18,5	0,6	5,6

**Table 71b. xDSL**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>163,8</b>	<b>162,1</b>	<b>160,2</b>	<b>157,3</b>	<b>153,2</b>	<b>149,5</b>	<b>146,1</b>	<b>143,2</b>	<b>140,5</b>	<b>-1,8</b>	<b>-8,3</b>
• Consumers	149,4	148,4	147,0	144,7	141,5	138,6	135,7	133,1	130,8	-1,7	-7,5
• Other service users	14,3	13,8	13,1	12,6	11,7	10,9	10,4	10,0	9,7	-3,5	-17,1

**Table 71c. Wireless communications**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>112,4</b>	<b>112,2</b>	<b>114,1</b>	<b>114,6</b>	<b>72,3</b>	<b>63,3</b>	<b>59,4</b>	<b>57,2</b>	<b>54,2</b>	<b>-5,3</b>	<b>-25,1</b>
• Consumers	103,0	102,7	104,3	104,8	65,3	56,9	53,5	51,8	48,8	-5,8	-25,2
• Other service users	9,4	9,4	9,7	9,8	7,0	6,4	5,9	5,4	5,4	-0,4	-23,5
WIMAX	51,4	46,5	38,7	30,1	20,7	13,1	7,6	3,9	2,4	-37,1	-88,2
• Consumers	48,1	43,4	36,0	27,7	18,8	11,8	6,7	3,6	2,3	-35,8	-87,8
• Other service users	3,3	3,0	2,7	2,3	1,9	1,3	0,8	0,3	0,2	-51,0	-92,0
Wi Fi	50,6	50,2	51,3	51,0	49,5	48,2	49,8	51,3	49,8	-3,0	0,6
• Consumers	47,4	46,9	47,8	47,6	44,5	43,2	44,9	46,4	44,7	-3,7	0,4
• Other service users	3,2	3,3	3,4	3,4	5,0	5,0	4,9	5,0	5,1	3,0	2,7

**Table 71d. CaTV network**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>31,6</b>	<b>30,4</b>	<b>30,5</b>	<b>29,9</b>	<b>26,8</b>	<b>26,0</b>	<b>25,3</b>	<b>25,0</b>	<b>24,3</b>	<b>-2,6</b>	<b>-9,3</b>
• Consumers	31,3	30,1	30,2	29,6	26,5	25,6	25,0	24,7	24,1	-2,5	-9,2
• Other service users	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	-6,7	-16,7
including: by using <b>DOCSIS3.0</b> technology	13,4	14,2	15,6	16,5	17,3	17,5	17,7	18,0	18,4	1,8	6,3

• Consumers	13,4	14,2	15,5	16,4	17,2	17,4	17,7	18,0	18,3	1,8	6,3
• Other service users	0,0	0,0	0,0	0,1	0,1	0,1	0,1	0,1	0,1	0,0	10,7

**Table 71e. UTP and STP lines**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>9,8</b>	<b>9,6</b>	<b>9,8</b>	<b>10,2</b>	<b>8,5</b>	<b>8,6</b>	<b>8,2</b>	<b>7,4</b>	<b>7,9</b>	<b>7,0</b>	<b>-7,4</b>
• Consumers	9,3	9,1	9,3	9,7	8,1	8,2	7,8	7,1	7,5	5,1	-7,8
• Other service users	0,5	0,5	0,5	0,5	0,4	0,4	0,4	0,3	0,4	58,7	1,2

**Table 71f. Other lines**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>0,4</b>	<b>0,4</b>	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>	<b>0,4</b>	<b>-5,4</b>	<b>-7,0</b>
• Consumers	0,0	0,0	0,0	9,7	0,0	0,0	0,0	0,0	0,0	-	-
• Other service users	0,4	0,4	0,5	0,5	0,5	0,5	0,5	0,5	0,4	-5,4	-6,8

**Table 72. The structure of service users by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	46,7	46,9	46,8	46,9	49,6	50,4	50,9	51,3	51,6	0,3	2,1
UAB „Cgates“	9,0	8,9	9,0	9,2	13,5	13,7	14,3	14,5	14,5	0,0	0,9
UAB „Init“	6,1	6,0	5,9	5,8	6,0	6,0	6,0	6,0	5,9	0,0	-0,1
„Splius“, UAB	4,4	4,4	4,4	4,5	4,8	4,8	4,9	5,0	5,1	0,1	0,3
UAB „Balticum TV“	4,7	4,7	4,6	4,5	4,7	4,8	4,8	4,7	4,6	-0,1	-0,1
UAB „Penkių kontinentų komunikacijų centras“	3,8	3,8	3,7	3,6	3,9	3,7	3,7	3,7	3,7	0,0	-0,2
AB Lietuvos radio ir televizijos centras	10,1	10,2	10,2	10,2	5,9	4,9	4,1	3,6	3,4	-0,2	-2,5
Other providers	15,2	15,2	15,5	15,3	11,6	11,6	11,3	11,2	11,2	0,0	-0,4

**Table 73. The structure of service users by downstream speed, in units, 2018 IQ**

	FTTB	FTTH	xDSL	Wireless communications	CaTV network	UTP/STP	By other means	Total
More than 100 Mbps	235 489	111 574	0	46	11 846	99	39	359 093
From 30 Mbps to 100 Mbps	52 811	158 299	26	478	6 540	3 264	83	221 501
From 10 Mbps to 30 Mbps	8 815	58	85 375	23 166	2 777	2 272	99	122 562
From 2Mbps to 10 Mbps	3 513	44	55 077	28 849	1 835	1 907	156	91 381
Until 2 Mbps	280	7	35	1 618	1 331	375	59	3 705
<b>Total</b>	<b>300 908</b>	<b>269 982</b>	<b>140 513</b>	<b>54 157</b>	<b>24 329</b>	<b>7 917</b>	<b>436</b>	<b>798 242</b>

**Table 74. The structure of service users by downstream speed, %, and changes of market shares, in percentage points, 2018 IQ**

Speed	Market share	Quarterly change	Annual change	Share of all households	Quarterly change	Annual change
Until 2 Mbps	0,5	-0,2	-0,8	0,3	-0,1	-0,5
From 2Mbps to 10 Mbps	11,4	-3,3	-6,2	6,8	-2,6	-4,6
From 10 Mbps to 30 Mbps	15,4	2,7	2,9	9,1	1,0	1,1
From 30 Mbps to 100 Mbps	27,7	-0,2	0,0	16,4	-1,4	-1,4
More than 100 Mbps	45,0	1,0	4,0	26,6	-1,4	0,3

**Table 75. Revenue according to technologies, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total revenue</b>	<b>24,68</b>	<b>24,86</b>	<b>24,86</b>	<b>25,20</b>	<b>24,30</b>	<b>23,85</b>	<b>23,46</b>	<b>23,50</b>	<b>23,53</b>	<b>0,1</b>	<b>-3,2</b>
• Consumers	0,00	19,63	19,69	19,88	19,18	18,80	18,40	18,34	18,37	0,2	-4,2
• Other service users	0,00	5,23	5,17	5,32	5,12	5,05	5,06	5,16	5,15	-0,1	0,5

**Table 75a. FTTx**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>15,71</b>	<b>16,07</b>	<b>16,19</b>	<b>16,44</b>	<b>16,62</b>	<b>16,51</b>	<b>16,35</b>	<b>16,54</b>	<b>16,71</b>	<b>1,0</b>	<b>0,5</b>
• Consumers	12,38	12,65	12,65	12,91	13,09	13,01	12,75	12,90	13,07	1,3	-0,1
• Other service users	3,33	3,42	3,55	3,54	3,54	3,51	3,60	3,64	3,64	-0,1	2,9
FTTB	6,95	7,01	6,94	6,92	6,96	6,72	6,72	6,74	7,03	4,4	1,0
• Consumers	5,66	5,73	5,55	5,59	5,58	5,40	5,38	5,38	5,62	4,5	0,8
• Other service users	1,28	1,28	1,39	1,33	1,38	1,33	1,34	1,36	1,41	3,7	2,1
FTTH	8,76	9,06	9,25	9,52	9,66	9,79	9,63	9,81	9,67	-1,3	0,1
• Consumers	6,72	6,92	7,09	7,31	7,50	7,61	7,37	7,52	7,44	-1,0	-0,8
• Other service users	2,05	2,14	2,16	2,20	2,16	2,18	2,26	2,28	2,23	-2,3	3,4

**Table 75b. xDSL**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>4,75</b>	<b>4,68</b>	<b>4,61</b>	<b>4,51</b>	<b>4,37</b>	<b>4,26</b>	<b>4,15</b>	<b>4,12</b>	<b>4,03</b>	<b>-2,3</b>	<b>-7,8</b>
• Consumers	3,76	3,75	3,74	3,69	3,62	3,57	3,52	3,46	3,37	-2,4	-6,8
• Other service users	0,98	0,93	0,87	0,82	0,75	0,70	0,63	0,67	0,65	-1,8	-12,8

**Table 75c. Wireless communications**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>3,15</b>	<b>3,10</b>	<b>3,21</b>	<b>3,22</b>	<b>2,31</b>	<b>2,09</b>	<b>1,94</b>	<b>1,81</b>	<b>1,74</b>	<b>-3,6</b>	<b>-24,6</b>
• Consumers	2,61	2,55	2,64	2,64	1,83	1,64	1,51	1,39	1,32	-4,7	-28,0
• Other service users	0,54	0,55	0,56	0,58	0,48	0,45	0,43	0,42	0,42	-0,1	-11,6
WIMAX	1,01	0,89	0,74	0,56	0,40	0,26	0,15	0,07	0,04	-47,0	-91,2
• Consumers	0,92	0,81	0,68	0,51	0,36	0,23	0,13	0,06	0,03	-49,6	-92,1
• Other service users	0,08	0,08	0,06	0,06	0,05	0,03	0,02	0,01	0,01	-33,5	-84,5
Wi Fi	1,82	1,78	1,83	1,83	1,82	1,76	1,72	1,68	1,64	-2,2	-9,8
• Consumers	1,53	1,49	1,53	1,52	1,42	1,35	1,32	1,27	1,23	-2,9	-12,8
• Other service users	0,29	0,29	0,30	0,31	0,41	0,42	0,40	0,41	0,41	-0,1	0,5

**Table 75d. CaTV network**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>0,60</b>	<b>0,53</b>	<b>0,52</b>	<b>0,51</b>	<b>0,44</b>	<b>0,42</b>	<b>0,46</b>	<b>0,44</b>	<b>0,43</b>	<b>-3,1</b>	<b>-3,4</b>
• Consumers	0,58	0,52	0,51	0,50	0,43	0,41	0,45	0,43	0,42	-3,1	-3,4
• Other service users	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,22	-	-

**Table 75e. UTP and STP lines**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>0,18</b>	<b>0,18</b>	<b>0,18</b>	<b>0,19</b>	<b>0,24</b>	<b>0,21</b>	<b>0,21</b>	<b>0,20</b>	<b>0,22</b>	<b>13,1</b>	<b>-9,1</b>
• Consumers	0,15	0,15	0,15	0,15	0,21	0,18	0,18	0,17	0,19	14,5	-6,9
• Other service users	0,03	0,03	0,03	0,04	0,03	0,03	0,03	0,03	0,03	3,8	-22,3

**Table 75f. Other lines**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>Total</b>	<b>0,29</b>	<b>0,29</b>	<b>0,15</b>	<b>0,33</b>	<b>0,31</b>	<b>0,35</b>	<b>0,36</b>	<b>0,39</b>	<b>0,40</b>	<b>2,7</b>	<b>26,8</b>
• Consumers	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	-	-
• Other service users	0,29	0,29	0,15	0,33	0,31	0,35	0,36	0,39	0,40	2,7	26,8

**Table 76. ARPU according to the manner of access, EUR per month, and their changes, %, 2016 IQ — 2018 IQ**

Manner of access	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
FTTx	9,99	10,09	9,99	10,05	10,05	9,95	9,77	9,75	9,75	0,05	-2,94
xDSL	9,66	9,63	9,59	9,56	9,51	9,51	9,46	9,60	9,56	-0,45	0,52
Wireless communications	9,35	9,22	9,37	9,36	10,66	10,99	10,86	10,54	10,73	1,78	0,65
CaTV network	6,28	5,80	5,69	5,64	5,52	5,43	6,02	5,90	5,87	-0,57	6,45
UTP and STP lines	6,32	6,30	6,07	6,28	9,47	8,19	8,44	8,80	9,30	5,70	-1,84
Other lines	228,86	222,77	109,30	238,31	223,26	254,22	253,09	280,49	304,62	8,60	36,45

In all ways	8,41	8,41	8,37	8,45	9,62	9,48	9,34	9,26	9,82	6,12	2,08
-------------	------	------	------	------	------	------	------	------	------	------	------

**Table 77. Revenue according to service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	55,61	56,16	56,84	56,82	58,76	60,12	61,39	61,45	60,23	-1,2	1,5
UAB „Cgates“	6,16	6,04	5,92	5,91	8,34	7,78	7,91	7,90	9,21	1,3	0,9
AB Lietuvos radio ir televizijos centras	8,68	8,49	8,82	8,71	5,68	4,99	4,45	3,99	3,71	-0,3	-2,0
UAB „Balticum TV“	5,11	5,02	4,55	4,77	3,66	3,74	3,79	3,71	3,67	0,0	0,0
UAB „Init“	3,67	3,64	3,63	3,55	4,75	4,64	3,76	3,64	3,48	-0,2	-1,3
UAB „Baltnetos komunikacijos“	3,18	3,03	3,08	3,09	3,17	3,27	3,38	3,41	3,44	0,0	0,3
„Splius“, UAB	3,00	3,02	3,01	2,94	3,09	3,24	3,31	3,30	3,31	0,0	0,2
UAB „Penkių kontinentų komunikacijų centras“	3,26	3,24	3,12	3,01	3,04	2,87	2,72	2,78	2,76	0,0	-0,3
Other providers	11,34	11,37	11,03	11,20	9,50	9,35	9,30	9,83	10,19	0,4	0,7

**Table 82. The number of service users of Internet access services, provided using fixed broadband technologies, per 100 population in European countries, in units, 2017 IVQ**

No.	European country	Penetration	Annual change	No.	European country	Penetration	Annual change	No.	European country	Penetration	Annual change
1.	Switzerland	46,0	1,0	13.	Greece	32,7	1,2	25.	Bulgaria	24,8	1,1
2.	France	43,7	0,9	14.	Spain	31,6	1,0	26.	Latvia	24,4	1,1
3.	Denmark	43,6	0,6	15.	Czech	31,5	2,3	27.	Romania	23,6	1,9
4.	Netherlands	42,2	0,0	16.	Finland	30,9	-0,2	28.	Russia	21,5	2,1
5.	Norway	41,6	1,5	17.	Hungary	30,3	1,5	29.	Poland	19,2	0,6
6.	Germany	40,4	1,3	18.	Slovenia	30,1	0,7	30.	Macedonia	18,8	0,4
7.	UK	40,0	0,6	19.	Austria	29,4	0,1	31.	Moldova	17,3	0,8
8.	Sweden	38,9	1,4	20.	Ireland	28,6	0,4	32.	Serbia	16,7	1,8
9.	Belgium	37,7	0,7	21.	Lithuania	28,4	-1,7	33.	Montenegro	10,9	-0,4
10.	Belarus	36,1	3,3	22.	Italy	27,8	2,0	34.	Uktaina	9,2	-0,1
11.	Portugal	35,1	2,1	23.	Croatia	27,0	1,7				
12.	Estonia	34,3	3,6	24.	Slovakia	26,0	1,4				

\* Lithuanian data according to the information available to the RRT

Source: Point Topic Ltd., RRT

## 5.2. Other data transmission services

- Data transmission services (excluding Internet access services) covered by this section of the report include: services virtual private network (VPN), Frame Relay,.. Ethernet, MPLS, etc., also active SIM cards, used for provision M2M (Machine to Machine, Man to Machine, Machine to Man) services (Hereinafter in this section of the report - data transmission services).
- The terms and abbreviations used in this section of the report:
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.
  - Revenue (unless otherwise stated) include the total revenue earned from data transmission services.

**Table 79. Number of service providers, in units, and their changes, in units, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Number of service providers	16	16	16	16	17	17	17	17	18	1	1

**Table 80. Numbers of users, for whom retail data transmission services are provided, in thousands units, and their changes. %, 2016 IQ - 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Number of service users	17,3	17,3	17,2	17,2	12,2	12,2	12,2	12,4	12,4	-0,1	1,9

\* until 2017 IQ retail and wholesale customers were not distinguished

**Table 81. The number of wholesale central access provided at a fixed location for mass-market products, in units, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Wholesale access provided	1 615	1 574	1 548	1 725	1 758	1 862	1 914	2 138	2 661	24,5	51,4
xDSL technology	-	-	-	-	1 351	1 327	1 207	1 223	1 172	-4,2	-13,2
„Ethernet“ technology	-	-	-	-	417	535	707	915	1 489	62,7	257,1

**Table 82. Revenue, mill. Eur, and their changes, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Retail revenue	3,91	3,78	3,75	3,82	3,97	4,44	4,34	3,46	3,52	1,77	-11,43
Wholesale revenue	1,37	1,39	1,42	1,46	1,45	1,54	1,29	2,40	2,01	-16,41	-16,41
<b>Total revenue</b>	<b>5,28</b>	<b>5,17</b>	<b>5,17</b>	<b>5,28</b>	<b>5,42</b>	<b>5,98</b>	<b>5,64</b>	<b>5,86</b>	<b>5,52</b>	<b>-5,68</b>	<b>1,93</b>

**Table 83. Revenue by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	74,30	74,61	74,57	74,75	74,13	70,83	70,95	68,45	71,10	2,65	-3,04
UAB „Bitė Lietuva“	10,10	6,15	5,94	5,96	1,69	5,72	5,87	10,31	11,98	1,67	10,30
Viešoji įstaiga „Plačiajuostis internetas“	8,30	8,32	8,50	8,88	10,61	9,62	10,42	9,06	9,64	0,59	-0,97
UAB Duomenų logistikos centras	-	4,45	4,45	3,78	8,09	8,98	7,54	5,43	0,67	-4,76	-7,41
Other providers	7,30	6,47	6,54	6,63	5,48	4,86	5,22	6,75	6,60	-0,15	1,12

**Table 84. The number of active SIM cards used for provision M2M technology services, in thousands units, and revenue, received from provision M2M technology services, thousand Eur, and their structure by service providers, %, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
<b>SIM cards</b>	<b>187,3</b>	<b>192,9</b>	<b>186,9</b>	<b>187,5</b>	<b>229,3</b>	<b>233,2</b>	<b>246,1</b>	<b>251,0</b>	<b>274,8</b>	<b>9,5</b>	<b>19,8</b>
UAB „Bitė Lietuva“	34,6	34,5	36,4	37,0	30,9	31,3	30,3	28,4	30,5	7,4	-1,4
„Telia Lietuva“, AB	42,5	42,0	45,0	46,6	55,4	55,2	54,8	56,2	53,3	-5,1	-3,8
UAB „Tele2“	22,8	23,4	18,5	16,3	13,7	13,5	14,9	15,4	16,2	4,9	18,3
Other providers	0,2	0,1	0,1	0,1	0,0	0,0	0,0	0,0	0,0	-	-
<b>Revenue</b>	<b>632,6</b>	<b>639,2</b>	<b>646,9</b>	<b>670,4</b>	<b>678,5</b>	<b>751,6</b>	<b>715,2</b>	<b>750,1</b>	<b>771,8</b>	<b>2,9</b>	<b>13,7</b>
UAB „Bitė Lietuva“	42,7	41,5	42,2	43,1	41,1	38,6	40,7	39,2	43,7	11,4	6,2
„Telia Lietuva“, AB	44,5	43,0	42,5	43,1	44,5	47,9	46,7	44,7	45,6	2,0	2,5
UAB „Tele2“	12,9	15,6	15,3	13,8	14,4	13,5	12,6	16,1	10,8	-33,2	-25,4

## 6. TELEVISION AND RADIO

### 6.1. Pay-TV services

- Pay-TV services were provided by:
  - Cable television networks (CaTV);
  - microwave multi-channel television networks (MMDS);
  - using IP technologies (IPTV);
  - digital terrestrial television networks (DVB-T);
  - satellite TV networks (satellite TV).
- The terms and abbreviations used in this section of the report:
  - ARPU (Average Revenue per User) – the average revenue from one user of pay-TV services per month.
  - Quarterly change – change, comparing 2017 IVQ with 2017 IIIQ.
  - Annual change – change comparing 2017 IVQ with 2016 IVQ.
  - Revenue (unless otherwise stated) include the total revenue earned from pay-TV services.

**Table 85. Number of service providers, in units, and their changes, in units, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Service providers	41	41	41	42	40	41	40	39	39	0	-1

**Table 86. The structure of service users according to the methods of receiving the service, in thousands units, and their changes, %, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
CaTV	394,4	386,0	381,0	377,4	379,7	375,9	377,1	372,1	366,7	-1,4	-3,4
- digital CaTV	141,9	152,1	152,5	164,0	181,8	183,0	193,7	202,0	208,7	3,3	14,8
IPTV	186,5	192,6	198,5	206,1	211,9	216,3	221,8	229,4	235,1	2,5	11,0
Satellite TV	81,0	77,5	74,9	73,6	71,7	70,1	68,4	66,2	64,2	-3,0	-10,4
DVB-T	46,7	45,3	43,7	39,6	37,3	35,9	33,6	31,8	29,9	-6,1	-20,0
MMDS	12,0	11,6	10,9	10,8	10,5	10,4	10,0	9,9	9,7	-1,6	-7,5
<b>Total</b>	<b>720,5</b>	<b>713,0</b>	<b>709,0</b>	<b>707,4</b>	<b>711,0</b>	<b>708,6</b>	<b>710,9</b>	<b>709,4</b>	<b>705,6</b>	<b>-0,5</b>	<b>-0,8</b>

**Table 87. The structure of pay-TV service users according to the methods of receiving the service, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
CaTV	54,7	54,1	53,7	53,3	53,4	53,1	53,0	52,5	52,0	-0,5	-1,4
IPTV	25,9	27,0	28,0	29,1	29,8	30,5	31,2	32,3	33,3	1,0	3,5
Satellite TV	11,2	10,9	10,6	10,4	10,1	9,9	9,6	9,3	9,1	-0,2	-1,0
DVB-T	6,5	6,3	6,2	5,6	5,3	5,1	4,7	4,5	4,2	-0,3	-1,0
MMDS	1,7	1,6	1,5	1,5	1,5	1,5	1,4	1,4	1,4	0,0	-0,1

**Table 88. Service users' structure by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	29,9	30,8	31,6	32,1	32,3	32,7	33,1	33,6	34,3	0,7	2,1
UAB „Cgates“	16,7	16,2	15,9	16,1	20,3	20,3	21,0	21,1	20,4	-0,7	0,1
UAB „Init“	12,2	12,1	11,9	11,4	10,8	10,5	10,5	10,0	9,9	-0,1	-0,9
UAB „Balticum TV“	11,0	10,9	10,8	10,7	10,4	10,4	10,1	10,0	9,9	-0,1	-0,6
AS „Viasat“	11,2	10,9	10,6	10,4	10,1	9,9	9,6	9,3	9,1	-0,2	-1,0
„Splius“, UAB	6,0	6,1	6,1	6,1	6,1	6,1	6,1	6,2	6,4	0,1	0,3
Other providers	13,0	13,1	13,1	13,1	10,0	10,1	9,6	9,7	10,0	0,2	0,0

**Table 89. Structure of users of CaTV services by service providers, %, and changes of market shares, in percentage points, 2017 IVQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Cgates“	29,5	29,0	28,8	29,4	35,6	35,9	37,3	37,8	37,1	-0,7	1,5
UAB „Init“	21,6	21,5	21,4	20,7	20,2	19,8	19,7	19,0	19,0	0,0	-1,2
UAB „Balticum TV“	19,2	19,3	19,3	19,3	18,6	18,5	18,2	18,0	17,9	0,0	-0,7

„Splius“, UAB	10,4	10,9	11,1	11,2	11,5	11,5	11,5	11,8	12,3	0,4	0,8
UAB „Parabolé“			0,0	2,1	2,1	2,1	2,1	2,1	2,2	0,0	0,1
Other providers	19,2	19,4	19,5	19,4	12,1	12,2	11,2	11,3	11,5	0,3	-0,6

**Table 90. Structure of users of IPTV services by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	91,0	91,3	91,6	91,7	91,2	91,1	91,0	90,7	90,4	-0,3	-0,7
UAB „Penkių kontinentų komunikacijų centras“	7,1	6,9	6,6	6,4	6,1	5,8	5,6	5,4	5,1	-0,2	-0,9
Other providers	1,9	1,8	1,8	1,9	2,8	3,0	3,4	3,9	4,4	0,5	1,6

**Table 91. Structure of users of other pay-TV services by service providers, %, 2016 IQ — 2018 IQ**

Service providers	Satellite TV	DVB-T	MMDS
	AS „Viasat“ (100,0%)	„Telia Lietuva“, AB (98,7%)	UAB „Cgates“ (73,9%) UAB „Balticum TV“ (26,1%)

**Table 92. Revenue according to the methods of receiving the service, mill. Eur, and their changes, %, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
CaTV	6,74	6,74	6,76	6,78	6,98	7,01	6,83	6,90	6,95	0,73	-0,41
IPTV	4,84	4,99	5,27	5,51	5,87	5,93	6,04	6,33	5,80	-8,47	-1,20
Satellite TV	2,83	2,87	2,87	2,79	2,73	2,75	2,69	2,67	2,64	-0,91	-3,21
DVB-T	1,13	1,09	1,06	0,99	0,97	0,92	0,88	0,84	0,80	-4,82	-17,22
MMDS	0,29	0,28	0,27	0,27	0,26	0,26	0,25	0,25	0,25	-0,46	-4,09
Total	15,82	15,95	16,23	16,33	16,81	16,87	16,69	17,00	16,45	-3,25	-2,17

**Table 93. Revenue by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	37,13	37,50	38,30	38,90	39,68	39,48	40,17	40,70	38,30	-2,40	-1,37
UAB „Cgates“	14,60	14,20	13,90	14,40	17,45	17,73	18,08	18,53	19,40	0,87	1,95
AS „Viasat“	17,89	18,00	17,70	17,10	16,25	16,29	16,11	15,70	16,08	0,38	-0,18
UAB „Init“	10,09	10,00	9,80	9,40	8,77	8,58	7,87	7,62	7,86	0,24	-0,91
UAB „Balticum TV“	8,72	8,60	8,50	8,20	8,00	7,97	7,86	7,55	7,77	0,23	-0,23
„Splius“, UAB	4,00	4,10	4,10	4,10	4,04	4,07	4,14	4,09	4,27	0,18	0,23
Other providers	7,57	7,60	7,80	7,90	5,81	5,87	5,76	5,82	6,32	0,51	0,51

**Table 94. Revenue, received from CaTV services, by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
UAB „Cgates“	31,15	30,73	30,57	31,87	38,90	39,57	42,18	43,67	44,02	0,36	5,13
UAB „Init“	23,65	23,76	23,43	22,67	21,10	20,65	18,53	18,09	17,93	-0,15	-3,17
UAB „Balticum TV“	19,21	19,13	19,16	18,57	18,10	18,03	18,03	17,63	17,32	-0,31	-0,78
„Splius“, UAB	9,39	9,68	9,85	9,89	9,73	9,81	9,81	9,73	9,75	0,02	0,02
Other providers	16,60	16,70	17,00	17,01	12,16	11,95	11,95	10,89	10,97	0,08	-1,19

**Table 95. Revenue, received from IPTV services, by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	98,30	37,39	97,90	97,60	97,27	96,92	96,65	96,06	94,95	-1,11	-2,32
UAB „Penkių kontinentų komunikacijų centras“	-	-	-	-	-	-	2,03	2,26	2,82	0,56	-
Other providers	1,70	62,61	2,10	2,40	2,73	3,08	1,31	1,68	2,23	0,55	-0,50

**Table 96. Revenue, received from other pay-TV services, by service providers, %, 2016 IQ — 2018 IQ**

Service providers	Satellite TV	DVB-T	MMDS
	AS „Viasat“ (100%)	„Telia Lietuva“, AB (99,0%)	UAB „Cgates“ (72,5%) UAB „Balticum TV“ (27,5%)

## 6.2. Television and Radio Programmes Transmission Services

**Table 97. Service providers, 2018 IQ**

	National networks		Regional networks		Not territory of Lithuania	
	Television	AB Lietuvos radio ir televizijos centras	Radio	UAB „Balticum TV“	-	UAB „Satgate“
		AB Lietuvos radio ir televizijos centras			-	-

**Table 98. Revenue, mill. Eur, and their changes, %, 2016 IQ — 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
Total revenue received from the provision of radio and television transmission services	1,13	1,24	1,11	1,18	1,10	1,09	1,11	1,11	1,07	-3,2	-2,5
Television transmission	0,84	0,96	0,83	0,89	0,82	0,81	0,83	0,82	0,79	-4,1	-3,7
Radio transmission	0,29	0,28	0,29	0,29	0,28	0,28	0,28	0,28	0,28	-0,6	1,2

## 7. WHOLESALE ACCESS

- Wholesale access services covered by this section of the report include wholesale local lines for the provision of public fixed line telephony services using carrier pre-selection service (Wholesale Line Rental, hereinafter referred to as WLR), fully unbundled and shared access to the local loop, access to Dark Fiber, access to the ducts and other access to the physical infrastructure.
- The terms and abbreviations used in this section of the report:
  - Quarterly change – change, comparing 2018 IQ with 2017 IVQ.
  - Annual change – change comparing 2018 IQ with 2017 IQ.
  - Revenue (unless otherwise stated) include the total revenue earned from wholesale access services.

**Table 99. Number of service providers according to the groups of access services provided, in units, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I
WLR	-	-	-	-	1	1	1	1	1
Fully unbundled access	1	1	1	1	2	2	2	2	2
Shared access	1	1	1	1	1	1	1	1	1
Access to <i>Dark Fiber</i>	14	15	15	15	14	14	14	14	14
Access to ducts	-	-	-	-	2	2	2	2	2
<b>Total</b>	<b>14</b>	<b>15</b>							

**Table 100. Number of accesses provided by service groups, in units, and RKKS, km, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
WLR	-	-	-	-	1 704	1 668	1 738	663	785	18,4	-53,9
Fully unbundled access:											
- to local twisted metallic pair line	148	107	63	49	124	101	40	31	28	-9,7	-77,4
- to local fibre line	-	-	-	-	124	99	38	29	26	-10,3	-79,0
- to local STP or local UTP line	-	-	-	-	0	2	2	2	2	0,0	-
Shared access	-	-	-	-	0	0	0	0	0	-	-
Access to <i>Dark Fiber</i>	22	19	17	15	43	40	13	10	9	-10,0	-79,1
Access to ducts, km	3 323	2 956	2 945	2 761	2 795	3 216	2 880	2 832	2 907	2,6	4,0
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8 609</b>	<b>8 688</b>	<b>8 737</b>	<b>8 766</b>	<b>8 742</b>	<b>-0,3</b>	<b>1,5</b>

**Table 101. Revenue by service groups, mill. Eur, 2016 IQ – 2018 IQ**

	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
WLR	-	-	-	-	0,002	0,003	0,002	0,003	0,003	20,4	37,0
Fully unbundled access:											
- to local twisted metallic pair line	-	-	-	-	0,007	0,006	0,006	0,006	0,006	-4,9	-12,4
- to local fibre line	-	-	-	-	-	0,001	0,001	0,001	0,001	-28,3	-
- to local STP or local UTP line	-	-	-	-	-	0,005	0,005	0,005	0,005	0,0	-
Shared access	-	-	-	-	-	-	-	-	-	-	-
Access to <i>Dark Fiber</i>	1,35	1,32	1,31	1,37	1,29	1,28	1,27	1,24	1,25	1,3	-2,6
Access to ducts	-	-	-	-	0,70	0,71	0,71	0,70	0,70	-1,6	0,0
Other	-	-	-	-	0,09	0,09	0,09	0,10	0,09	-11,8	-1,8
<b>Total revenue</b>	<b>1,35</b>	<b>1,32</b>	<b>1,31</b>	<b>1,37</b>	<b>2,08</b>	<b>2,09</b>	<b>2,07</b>	<b>2,06</b>	<b>2,05</b>	<b>-0,3</b>	<b>-1,7</b>

**Table 102. Structure of revenue from access to physical infrastructure services by service providers, %, and changes of market shares, in percentage points, 2016 IQ — 2018 IQ**

Service providers	2016 I	2016 II	2016 III	2016 IV	2017 I	2017 II	2017 III	2017 IV	2018 I	Quarterly change	Annual change
„Telia Lietuva“, AB	37,25	37,41	36,35	39,52	58,89	58,72	58,55	59,61	58,58	-1,02	-0,31
UAB „Skaidula“	38,56	38,92	39,23	37,91	26,04	26,02	25,82	24,33	25,03	0,70	-1,01
Viešoji įstaiga „Plačiajuostis internetas“	15,09	15,50	16,11	15,61	10,17	10,01	10,18	10,46	10,68	0,21	0,50

UAB Duomenų logistikos centras	5,34	4,77	4,81	3,75	2,46	2,72	2,83	3,01	3,02	0,01	0,56
Other providers	3,76	3,40	3,50	3,21	2,43	2,53	2,61	2,60	2,70	0,10	0,26

Advisor of Economic Analysis Division

Vilma Grigaliūnienė