

Report on

Telecoms Price Developments

from 1998 to 2009

Produced for:

European Commission
Directorate General for Information Society

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The numbers behind the tables and graphs in this report are provided to the European Commission in 5 spreadsheets, where the presentational formats can be altered.

Important: These appendices are only available for use within the European Commission, and should not be distributed to other parties.

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Disclaimer: This report has been commissioned as an independent study to examine tariff developments in the European Community. The Commission does not accept any responsibility for the accuracy or completeness of the information contained herein.

The tariff information used in this study has in most cases been taken from the Teligen / OECD T-Basket spreadsheets and the Teligen T-World tariff database. The information is collected by Teligen from the individual operators, and is believed to be correct as of 15 September 2009. Key information has been checked with the National Regulatory Authorities. Teligen will not accept responsibility for any decisions made on the basis of information in this report.

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0. Introduction

0.1. Background

This report is produced for DG INFSO of the European Commission by Teligen. The objective has been to analyse the price developments over the last 12 years, as expressed in the OECD basket comparisons, and as found in prices of single calls. The study uses the OECD basket results in a slightly adapted form, in order to maintain consistency over the 12 years.

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This report shows the prices as of 1st August each year from 1998 to 2004 and as of 1st September from 2005 to 2007, and as of 15th September 2008 to 2009. The prices are in most cases taken from the Teligen / OECD basket spreadsheets, as presented in the Teligen T-Basket product, and from direct research done by Teligen. Teligen has collected tariff data from primary sources, i.e. directly from the telecoms operators, their websites and pricelists. Data was validated by the NRAs so as to reinforce the reliability of the information.

The amount of past data for countries joining the European Union in recent years varies, but for most of them price data has been identified back to year 2000.

For PSTN and Mobile there is also price data for the main competing operator in each country. The selection of the operator was done on the basis of presence and size. There have been a few changes in the names of the operators over the years.

Not all years are covered in all sections, and the table below shows the coverage of the individual sections of the study:

Table 0.1 Study coverage

		Aug 1998	Aug 1999	Aug 2000	Aug 2001	Aug 2002	Aug 2003	Aug 2004	Sep 2005	Sep 2006	Sep 2007	Sep 2008	Sep 2009
1	National Bus. PSTN Basket	√	√	√	√	√	√	√	√	√	√	√	√
2	National Res. PSTN Basket	√	√	√	√	√	√	√	√	√	√	√	√
3	Composite Bus. PSTN Basket			√	√	√	√	√	√	√	√	√	√
4	Composite Res. PSTN Basket			√	√	√	√	√	√	√	√	√	√
5	Internat. Bus. PSTN Basket	√	√	√	√	√	√	√	√	√	√	√	√
6	Internat. Res. PSTN Basket	√	√	√	√	√	√	√	√	√	√	√	√
7	Monthly rental for PSTN	√	√	√	√	√	√	√	√	√	√	√	√
8	National PSTN calls	√	√	√	√	√	√	√	√	√	√	√	√
9	International PSTN calls	√	√	√	√	√	√	√	√	√	√	√	√
10	Mobile Post-paid Basket					√	√	√	√	√	√	√	√
11	Mobile Pre-paid Basket											√	√
12	Mobile charging system												√
13	National Leased Lines	√	√	√	√	√	√	√	√	√	√	√	√

0.2. Exchange rates

The following table lists the exchange rates used in this report. All exchange rates refer to 2009, even for past years. This is done in order to reflect the actual price changes, not the changes in exchange rates. This does mean, however, that comparisons between countries will only be true for 2009, and other years may have minor discrepancies.

Table 0.2 Exchange rates, national currency to Euro

	Before 2002		From 2002		From 2007		From 2008		From 2009	
	EURO	EURO PPP	EURO	EURO PPP	EURO	EURO PPP	EURO	EURO PPP	EURO	EURO PPP
Austria	0.07267	0.06948	1	0.95602	1	0.95602	1	0.95602	1	0.95602
Belgium	0.02479	0.02239	1	0.90334	1	0.90334	1	0.90334	1	0.90334
Bulgaria	0.51122	1.00239	0.51122	1.00239	0.51122	1.00239	0.51122	1.00239	0.51122	1.00239
Cyprus	1.70853	1.90684	1.70853	1.90684	1.70853	1.90684	1	1.11607	1	1.11607
Czech	0.03931	0.05430	0.03931	0.05430	0.03931	0.05430	0.03931	0.05430	0.03931	0.05430
Denmark	0.13434	0.09528	0.13434	0.09528	0.13434	0.09528	0.13434	0.09528	0.13434	0.09528
Estonia	0.06391	0.08333	0.06391	0.08333	0.06391	0.08333	0.06391	0.08333	0.06391	0.08333
Finland	0.16819	0.13498	1	0.80257	1	0.80257	1	0.80257	1	0.80257
France	0.15245	0.13722	1	0.90009	1	0.90009	1	0.90009	1	0.90009
Germany	0.51129	0.49210	1	0.96246	1	0.96246	1	0.96246	1	0.96246
Greece	0.00293	0.00312	1	1.06270	1	1.06270	1	1.06270	1	1.06270
Hungary	0.00367	0.00527	0.00367	0.00527	0.00367	0.00527	0.00367	0.00527	0.00367	0.00527
Ireland	1.26974	1.00059	1	0.78802	1	0.78802	1	0.78802	1	0.78802
Italy	0.00052	0.00049	1	0.94967	1	0.94967	1	0.94967	1	0.94967
Japan	0.00752	0.00743	0.00752	0.00743	0.00752	0.00743	0.00752	0.00743	0.00752	0.00743
Latvia	1.41924	1.89993	1.41924	1.89993	1.41924	1.89993	1	1.89993	1	1.89993
Lithuania	0.28952	0.43341	0.28952	0.43341	0.28952	0.43341	0.28952	0.43341	0.28952	0.43341
Luxembourg	0.02479	0.02133	1	0.86059	1	0.86059	1	0.86059	1	0.86059
Malta	2.30097	2.93491	2.30097	2.93491	2.30097	2.93491	1	1.27551	1	1.27551
Netherlands	0.45378	0.43886	1	0.96712	1	0.96712	1	0.96712	1	0.96712
Poland	0.24365	0.35518	0.24365	0.35518	0.24365	0.35518	0.24365	0.35518	0.24365	0.35518
Portugal	0.00499	0.00575	1	1.15340	1	1.15340	1	1.15340	1	1.15340
Romania	0.00003	0.00005	0.23609	0.38017	0.23609	0.38017	1	1.61031	1	1.61031
Slovakia	0.03319	0.04776	0.03319	0.04776	0.03319	0.04776	0.03319	0.04776	1.00000	1.43885
Slovenia	0.00417	0.00503	0.00417	0.00503	1	1.20482	1	1.20482	1	1.20482
Spain	0.00601	0.00628	1	1.04493	1	1.04493	1	1.04493	1	1.04493
Sweden	0.09803	0.08569	0.09803	0.08569	0.09803	0.08569	0.09803	0.08569	0.09803	0.08569
UK	1.13572	1.14257	1.13572	1.14257	1.13572	1.14257	1	1.14257	1	1.14257
USA	0.69911	0.87062	0.69911	0.87062	0.69911	0.87062	1	0.87062	1	0.87062

Please note that Slovakia joined the Euro in 2009, and the most recent prices are based on the Euro currency.

The prices for Romania are in fact also given in Euro.

PPP rates are taken from Eurostat website, where the latest available data refer to 2008.

0.3. Operators covered

For the PSTN data covered in this report there shall be two operators covered for each country: The Incumbent operator and the main Competitor. As determining the “main competitor” can be slightly difficult in many cases the following guidelines have been used:

- The “main competitor” shall be the largest non-incumbent nationwide provider of circuit switched telephony services (PSTN).
- Providers of IP based telephony services shall normally not be considered. However, in some cases there will not be any relevant competitors filling the above criteria, and in such cases providers of IP telephony may be used instead.

In this report the following PSTN operators have been covered for the year 2009. In some cases there has been a change of “second operator” from last year, and these are marked with an *.

Table 0.3: Providers of PSTN (Voice Telephony) services

	Dominant (incumbent)	Second largest	Competing service type
Belgium	Belgacom	Telenet	PSTN / IP
Bulgaria	Vivacom	Orbitel	IP
Czech Rep.	Telefonica O2	Radiokomunikace	PSTN / IP
Denmark	TDC	Telenor *	PSTN
Germany	Deutsche Telekom	Vodafone *	PSTN / IP
Estonia	Elion	Starman	IP
Greece	OTE	Wind *	PSTN
Spain	Telefonica	Ono	Cable
France	France Telecom	SFR *	PSTN
Ireland	Eircom	Vodafone *	PSTN
Italy	Telecom Italia	Infostrada	PSTN
Cyprus	CYTA	Primetel *	PSTN / IP
Latvia	Lattelekom	Telecom Baltija	PSTN / IP
Lithuania	TEO LT	Eurocom	PSTN
Luxembourg	P&T Luxembourg	Tele2	PSTN
Hungary	Magyar Telekom	Invitel *	PSTN
Malta	GO	Melita *	Cable
Netherlands	KPN	Tele2 *	PSTN
Austria	Telekom Austria	Tele2	PSTN
Poland	Polish Telecom	Netia *	PSTN
Portugal	Portugal Telecom	Sonaecom	PSTN
Romania	RomTelecom	RCS&RDS	PSTN
Slovakia	Slovak Telecom	GTS Slovakia	PSTN / IP
Slovenia	Telekom Slovenije	T-2	IP
Finland	TeliaSonera	Elisa	PSTN
Sweden	TeliaSonera	Tele2	PSTN
UK	BT	Virgin Media	PSTN / IP

* Operator has changed since last years update

The report will in some cases also cover prices from main operators in Japan (NTT / KDDI) and USA (Verizon, NY; PacBell, CA and AT&T).

For Mobile services the operators covered will follow the selection made for the OECD Price Benchmarking Baskets, based on the two network operators with highest subscriber numbers in each country.

For the Leased Line services covered in this report the Incumbent operators listed above are considered.

0.4. Tariff validation

After the initial collection of the main tariff data by Teligen the basic data for each country has been passed to the relevant National Regulatory Agencies (NRA) for validation. The NRAs have been asked to comment on the specific prices and also the more general selection of tariffs and operators.

The NRAs have kindly offered a lot of comments and corrections in order to enhance the quality of the data for this report. In a few cases the NRA have declined to comment on the data because of lack of insight into the operator's pricing.

The NRA comments have been incorporated into the tariff data, and in some cases resulted in specific comments in this report.

The draft report (this report) has also been reviewed by the NRAs before its publication.

1. Composite OECD baskets

Following the revision of the OECD baskets in May 2000 the so called “Composite baskets” were created. These were built along the same lines as the original baskets, in fact there are only minor differences. But the changes reflect the usage patterns of the time better, for example in that the Composite baskets combine fixed line national calls with calls to mobiles and international calls.

The definitions used by the Composite basket from 2000 are:

Fixed charges are included with the appropriate annual rental charge, and with the installation charge depreciated over 5 years.

Table 1.1a Number of calls per year, composite OECD PSTN basket (2000)

	OECD Composite basket		
	National calls	International calls	Calls to mobile
Business basket	3,600	216	360
Residential basket	1,200	72	120

Table 1.1b Distribution over time, composite OECD PSTN basket (2000)

	Business	Residential
We 11.00	45.4%	14.3%
We 15.00	40.6%	22.1%
We 20.00	7.0%	31.6%
We 03.00	0.8%	3.0%
Sa 11.00	5.7%	13.0%
Su 15.00	0.5%	16.0%

Table 1.1c Distribution over distance, composite OECD PSTN basket (2000)

km's -->	3	7	12	17	22	27	40
Business	53.0%	11.0%	7.0%	4.0%	2.5%	3.0%	3.5%
Residential	60.0%	14.0%	5.0%	3.0%	1.5%	2.5%	2.5%
km's -->	75	110	135	175	250	350	490
Business	3.5%	2.5%	2.0%	1.5%	1.5%	1.0%	4.0%
Residential	2.5%	1.5%	1.3%	1.0%	1.0%	0.8%	3.5%

Table 1.1d Call durations in minutes, composite OECD PSTN basket (2000)

Business	3-12 km	17-40 km	>40 km
We 11.00	3.5	3.5	3.5
We 15.00	3.5	3.5	3.5
We 20.00	3.5	3.5	3.5
We 03.00	3.5	3.5	3.5
Sa 11.00	3.5	3.5	3.5
Su 15.00	3.5	3.5	3.5
Residential	3-12 km	17-40 km	>40 km
We 11.00	2.5	3.5	3.5
We 15.00	2.5	3.5	3.5
We 20.00	3.5	6	7
We 03.00	3.5	6	7
Sa 11.00	3.5	6	7
Su 15.00	3.5	6	7

Data is presented for the incumbent operator in each country. Standard tariffs are used, excluding any discount packages. This means that lower costs can be achieved if the user selects another operator or another tariff package.

USA and Japan is included, with Nynex/Bell Atlantic/Verizon in New York and PacBell/SBC in California for USA and NTT for Japan. In the USA the prices vary a lot with the operator and locale chosen. Verizon may not be the cheapest, but has been used because it has been chosen by the OECD to represent USA, and provides the only consistent data available over time.

The tables below show the results from the OECD Composite basket, including both national fixed and mobile calls, and international calls.

Please note:

A basket methodology is based on combining a usage profile with relevant tariffs. The OECD baskets are created for international comparisons, and each basket describes a theoretical user based on research supported by operators in a large number of OECD countries. However, this does not imply that any of the OECD baskets describe the typical usage as found in any specific country, and as such none of the OECD baskets should be assumed to describe any average usage in any country.

The results from the OECD baskets show the cost experienced by a theoretical user behaving as described in the basket, if this user was using any of the tariffs included in the analysis. This does not imply that the basket usage is optimal for any country, or that the cost achieved is the lowest cost possible for a real user in that country.

1.1. Residential composite basket

Table 1.2 Residential composite OECD basket (2000 version)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Austria, Telekom Austria	46.61	47.37	37.39	37.39	37.55	34.33	34.68	34.05	34.55	53.22
Belgium, Belgacom	52.29	43.76	43.23	43.82	44.35	44.68	44.68	44.98	45.87	46.81
Bulgaria, Vivacom			29.03	29.03	29.05	30.22	30.28	28.76	24.85	20.44
Cyprus, CYTA	20.73	26.18	24.10	20.34	20.11	23.01	22.99	22.99	25.91	25.91
Czech, Telefonica O2	48.20	46.67	41.46	40.93	38.04	41.45	43.69	43.69	43.69	43.54
Denmark, TDC	43.02	39.76	39.22	38.81	38.80	38.80	38.57	39.28	39.67	39.67
Estonia, Elion	30.98	22.19	21.28	22.74	22.74	24.25	25.49	25.49	25.89	25.89
Finland, TeliaSonera	47.85	46.48	46.53	46.06	47.50	47.50	47.50	46.41	46.15	44.98
France, France Telecom	42.75	42.28	42.25	41.96	42.16	39.66	42.16	42.66	39.68	39.68
Germany, Deutsche Telekom	42.92	39.56	41.06	41.45	39.76	34.60	34.08	35.11	32.36	37.82
Greece, OTE	48.36	44.89	42.75	41.02	38.73	39.00	39.00	38.30	38.09	38.24
Hungary, Magyar Telekom	39.16	38.34	38.76	46.40	46.54	29.64	36.92	35.86	36.29	31.25
Ireland, Eircom	46.38	40.35	41.51	43.60	44.90	44.69	44.45	46.07	50.80	50.80
Italy, Telecom Italia	47.84	44.90	40.86	39.78	39.84	40.91	40.07	39.80	38.60	40.11
Japan, NTT	79.31	65.19	61.48	54.04	53.23	51.58	53.01	53.01	53.01	53.01
Latvia, Lattelecom	39.77	39.17	39.17	39.17	38.34	38.34	38.46	38.46	38.46	37.62
Lithuania, TEO LT	48.92	45.41	45.41	45.41	24.89	28.94	30.24	30.24	30.24	29.72
Luxembourg, P&T Luxembourg	35.11	33.26	33.21	33.21	33.21	33.03	33.03	33.03	33.03	33.03
Malta, Go				41.22	35.64	33.46	35.51	35.51	35.08	30.80
Netherlands, KPN	35.16	35.25	36.93	38.39	38.59	38.02	37.53	36.16	37.87	57.42
Poland, Polish Telecom	54.41	52.79	54.41	53.62	47.71	38.25	41.21	41.21	45.71	32.56
Portugal, Telecom Portugal	48.26	48.20	48.77	47.63	45.60	42.18	42.20	42.07	35.68	35.70
Romania, RomTelecom					23.81	24.82	26.80	27.10	18.02	18.02
Slovakia, Slovak Telecom	45.51	40.96	47.88	47.88	45.80	42.89	40.54	40.52	40.64	39.48
Slovenia, Telekom Slovenije	25.21	25.01	31.45	33.40	34.10	31.15	28.40	30.66	29.24	31.00
Spain, Telefonica	45.99	41.06	40.03	36.51	37.09	37.08	41.36	41.36	43.78	45.30
Sweden, Telia	29.03	31.00	30.86	30.00	29.96	29.96	29.96	30.66	31.11	33.07
UK, BT	33.47	32.71	31.34	30.80	25.81	25.87	27.15	29.53	36.33	35.51
USA, PacBell, LA	28.03	22.85	27.10	31.20	30.95	28.00	27.54	24.70	30.36	31.12
USA, Verizon, NY	35.73	29.94	31.88	37.40	37.15	33.17	35.57	35.23	42.75	41.83
EU27 weighted average	43.53	41.31	40.54	40.11	37.88	35.78	36.93	37.36	37.34	38.27

All values in EURO per month, including VAT

The average is a weighted average across the 27 EU Member States, using population as weight.

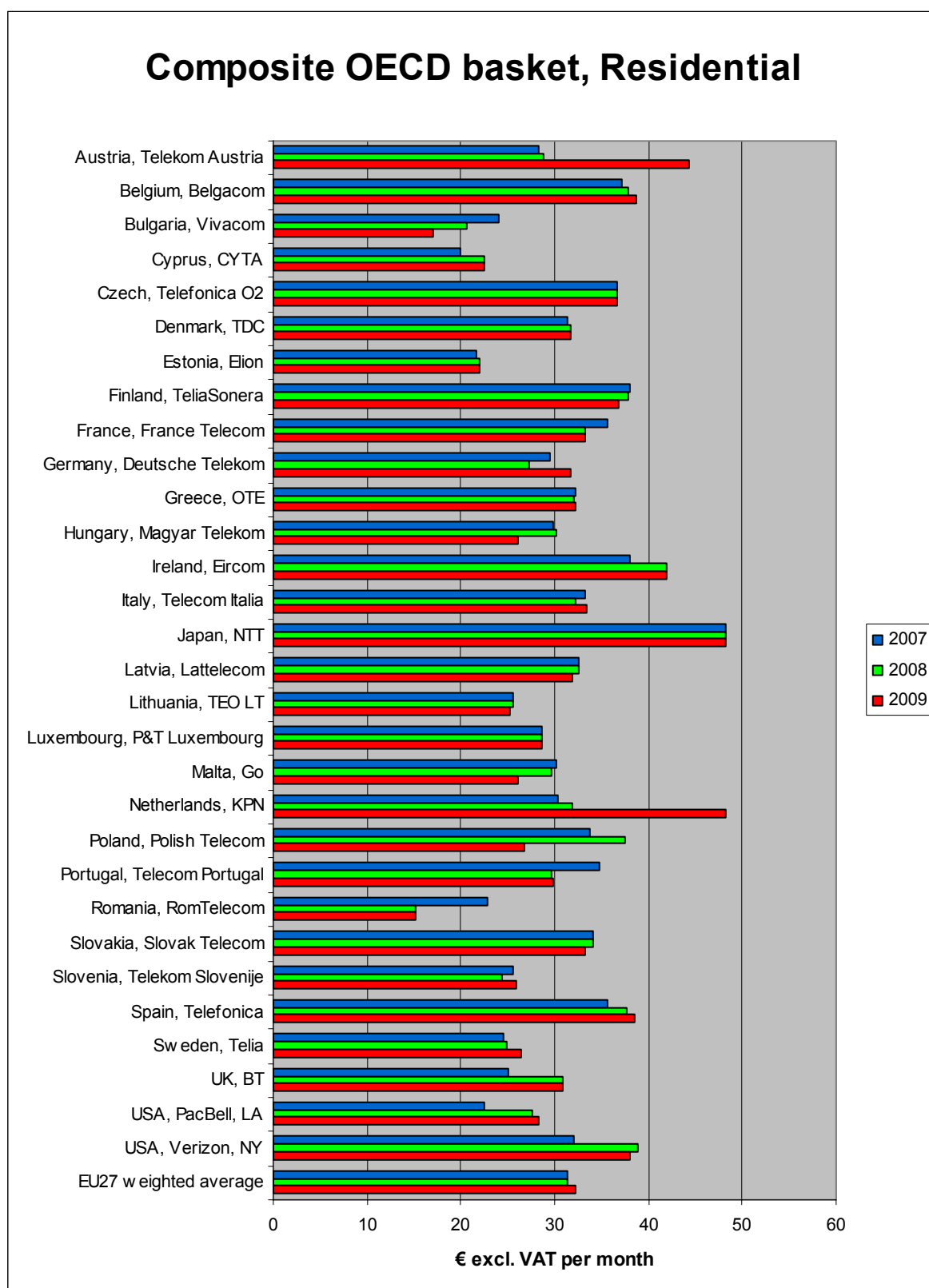
The basket includes both national and international calls.

For USA and Japan there are different operators for national and international calls, as there is a split market where different operators traditionally have been allowed into the two markets segments:

For USA Verizon, NY and SBC, CA are used together with AT&T, while for Japan NTT and KDDI are used.

An analysis of the detailed data behind the residential basket results shown here reveals that the average fixed / usage relationship in 2009 is 42% fixed and 58% usage, and has remained rather stable since 2005. In 2009 six of the EU12 countries have a fixed portion well below the average (<30%), while all of the EU15 countries are reasonably close to or above the average, several with fixed portion above 50%.

Figure 1.1 Residential composite OECD basket (2000 version)



1.2. Business composite basket

Table 1.3 Business composite OECD basket (2000 version)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Austria, Telekom Austria	99.78	96.04	100.26	99.40	99.53	71.99	74.80	73.38	74.48	74.48
Belgium, Belgacom	119.68	94.68	92.08	93.38	94.07	93.58	93.57	94.02	95.64	97.65
Bulgaria, Vivacom			59.09	59.09	58.72	64.88	66.72	64.57	63.88	53.94
Cyprus, CYTA	46.43	54.34	48.39	36.32	36.08	47.10	50.55	50.55	53.02	53.02
Czech, Telefonica O2	146.07	132.14	113.64	114.54	95.93	90.13	87.79	87.79	87.79	87.79
Denmark, TDC	82.54	74.28	71.43	70.01	69.99	69.99	69.20	68.33	67.63	67.63
Estonia, Elion	74.27	53.02	50.72	54.83	54.83	53.52	50.35	50.35	51.36	53.06
Finland, TeliaSonera	94.51	91.63	91.78	90.40	94.15	94.15	92.83	89.13	88.91	96.88
France, France Telecom	92.04	90.55	88.95	88.05	88.42	86.99	85.19	84.93	88.90	88.90
Germany, Deutsche Telekom	99.49	92.30	96.14	96.47	93.36	69.44	68.10	68.31	51.29	70.80
Greece, OTE	100.06	90.60	81.71	77.53	72.34	69.93	68.12	67.40	66.86	67.25
Hungary, Magyar Telekom	86.86	82.62	83.08	101.78	102.38	79.91	79.15	79.36	80.41	87.73
Ireland, Eircom	93.69	87.09	86.70	86.14	85.79	85.68	85.50	88.98	102.02	102.02
Italy, Telecom Italia	106.70	99.40	91.72	88.52	89.96	92.39	91.04	90.92	89.40	89.40
Japan, NTT	185.90	146.30	131.98	125.21	122.97	121.09	128.86	128.86	128.86	128.86
Latvia, Latttelecom	100.16	100.91	100.91	100.91	100.20	100.20	100.49	100.48	100.48	98.05
Lithuania, TEO LT	127.12	113.44	113.44	113.44	69.59	79.89	81.69	81.69	81.69	80.13
Luxembourg, P&T Luxembourg	65.34	60.12	60.04	60.04	60.04	59.63	59.63	59.63	59.63	59.63
Malta, Go				99.90	77.18	77.18	75.46	75.46	76.23	70.63
Netherlands, KPN	68.50	69.54	72.49	75.41	72.55	71.07	69.83	70.43	69.94	71.08
Poland, Polish Telecom	120.73	116.97	114.52	113.87	101.57	82.15	71.27	71.27	67.74	63.94
Portugal, Telecom Portugal	94.93	98.95	97.94	94.85	89.13	81.13	84.09	83.64	83.23	82.58
Romania, RomTelecom					63.67	63.14	61.35	61.60	56.46	56.46
Slovakia, Slovak Telecom	120.89	108.39	121.83	117.11	116.54	116.30	104.16	104.16	104.16	105.02
Slovenia, Telekom Slovenije	54.00	53.56	65.34	66.69	64.11	56.88	53.04	54.38	51.78	55.04
Spain, Telefonica	106.97	89.74	78.21	71.55	71.24	70.80	81.74	81.74	86.69	91.20
Sweden, Telia	60.13	60.15	59.34	58.26	58.20	58.20	58.20	59.54	60.62	62.19
UK, BT	90.03	89.35	89.68	89.58	88.54	86.50	87.01	109.06	129.25	129.80
USA, PacBell, LA	52.27	48.97	51.38	50.55	51.16	40.77	39.63	40.78	48.56	56.78
USA, Verizon, NY	70.81	66.03	67.24	66.84	67.41	58.79	55.94	57.03	57.85	57.97
EU27 weighted average	99.63	93.54	90.84	89.93	86.41	79.63	79.00	81.68	81.82	85.40

All values in EURO per month, excluding VAT

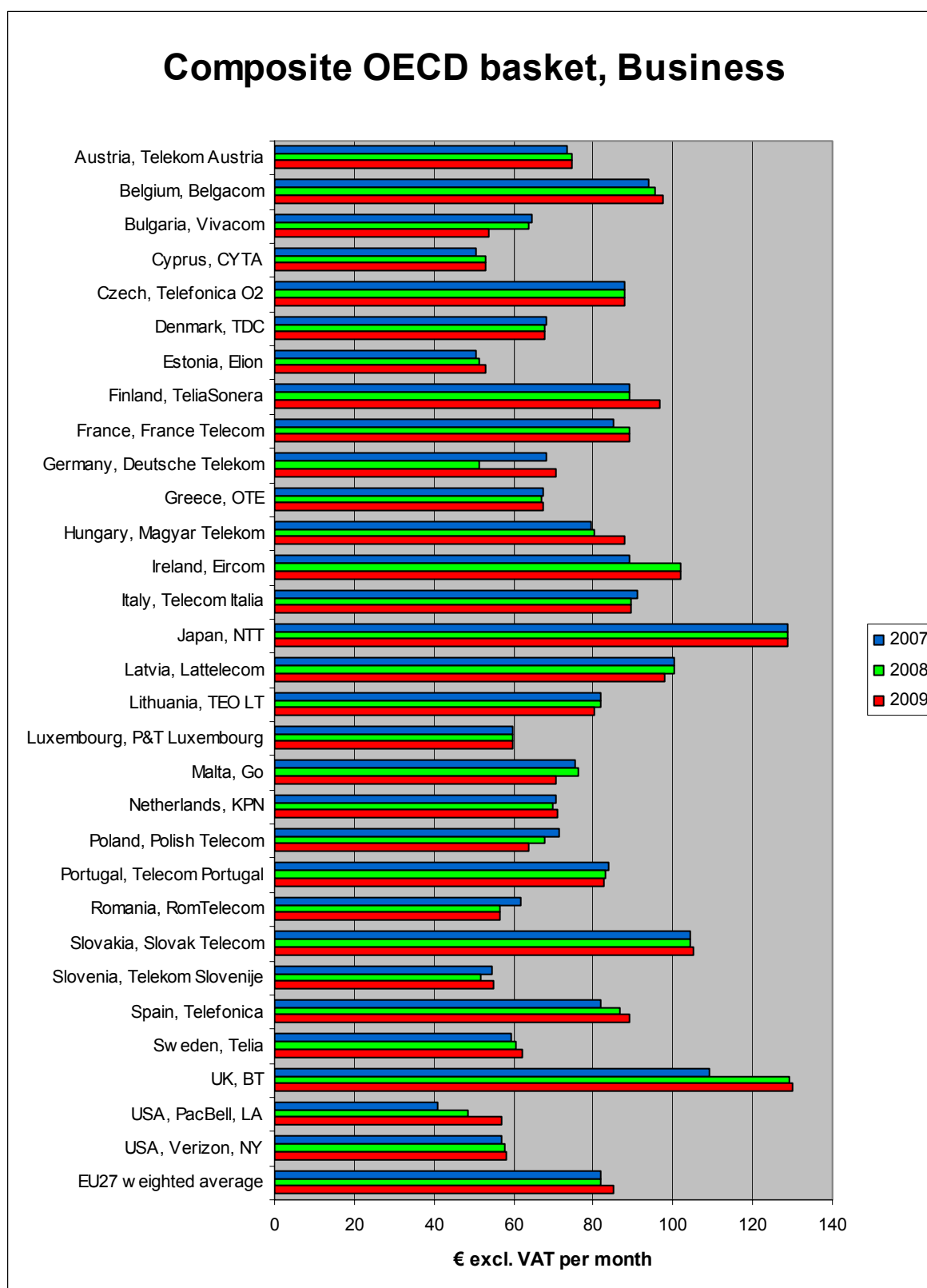
The average is a weighted average across the 27 EU Member States, using population as weight.

The basket includes both national and international calls.

For USA and Japan there are different operators for national and international calls, as there is a split market where different operators traditionally have been allowed into the two markets segments:

For USA Verizon, NY and SBC, CA are used together with AT&T, while for Japan NTT and KDDI are used.

Figure 1.2 Business composite OECD basket (2000 version)



1.3. Cheapest tariff packages

Another revision of the OECD baskets was implemented in February 2006. This revision brought a new element into the tariff data for the baskets, namely the inclusion of more tariff packages for each country.

With the introduction of a range of tariff packages in the OECD basket system it is now possible to see how the “Standard” or “Default” package compares with the cheapest package for a given usage profile. Please note that the selection of the cheapest package will depend on the usage profile, and that a user with another profile may have to select another package to get the most cost-efficient solution. Also, it is worth noting that for many users the “Standard” package may be the cheapest.

The tariff packages used in this analysis will represent the most common options available to a user in each country. There are most certainly other options that can be included, however some of these cannot be included¹, and others are clearly geared towards users outside the scope of the basket used (e.g. for very high usage).

The analysis below uses the same Composite basket (2000 version) as used in sections 1.1 and 1.2 above, but the tariff data from the new (2006) baskets. In figures 1.3 and 1.4 the total costs for the Standard package is compared with the equivalent costs for the cheapest package from the same operator. In many cases the standard package will also be the cheapest package. Some operators do not clearly publish a range of discount package options, and in such cases only the standard package is included.

Figures 1.5 and 1.6 compare the costs for the cheapest packages in 2008 and 2009, again using the Composite basket. A similar comparison is found in chapter 2 using the “new” 2006 version of the OECD baskets.

Graphs appear on next page.

¹ Tariffs with “selective discounts”, i.e. discounts to selected numbers or destinations, cannot be included for methodological reasons.

Figure 1.3

Comparing standard with cheapest package using Residential Composite basket

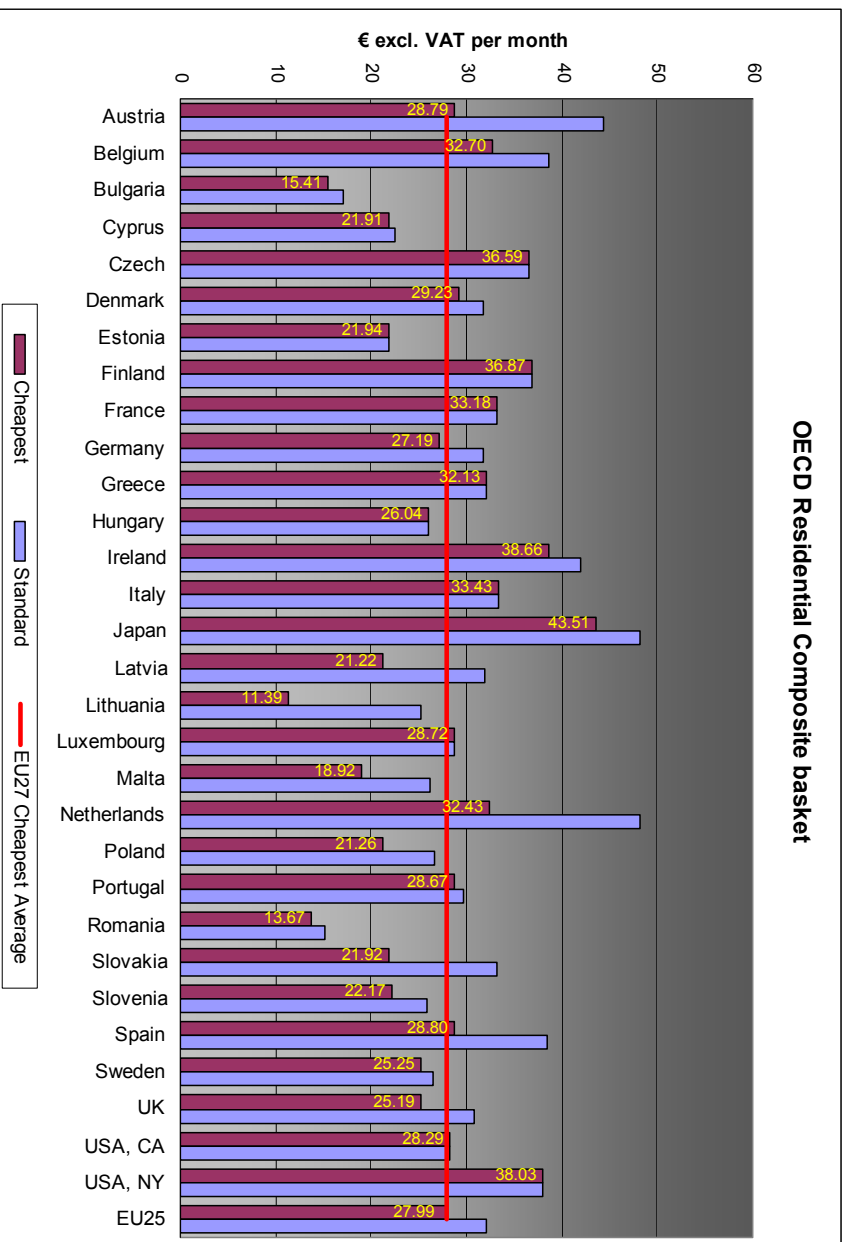


Figure 1.4

Comparing standard with cheapest package using Business Composite basket

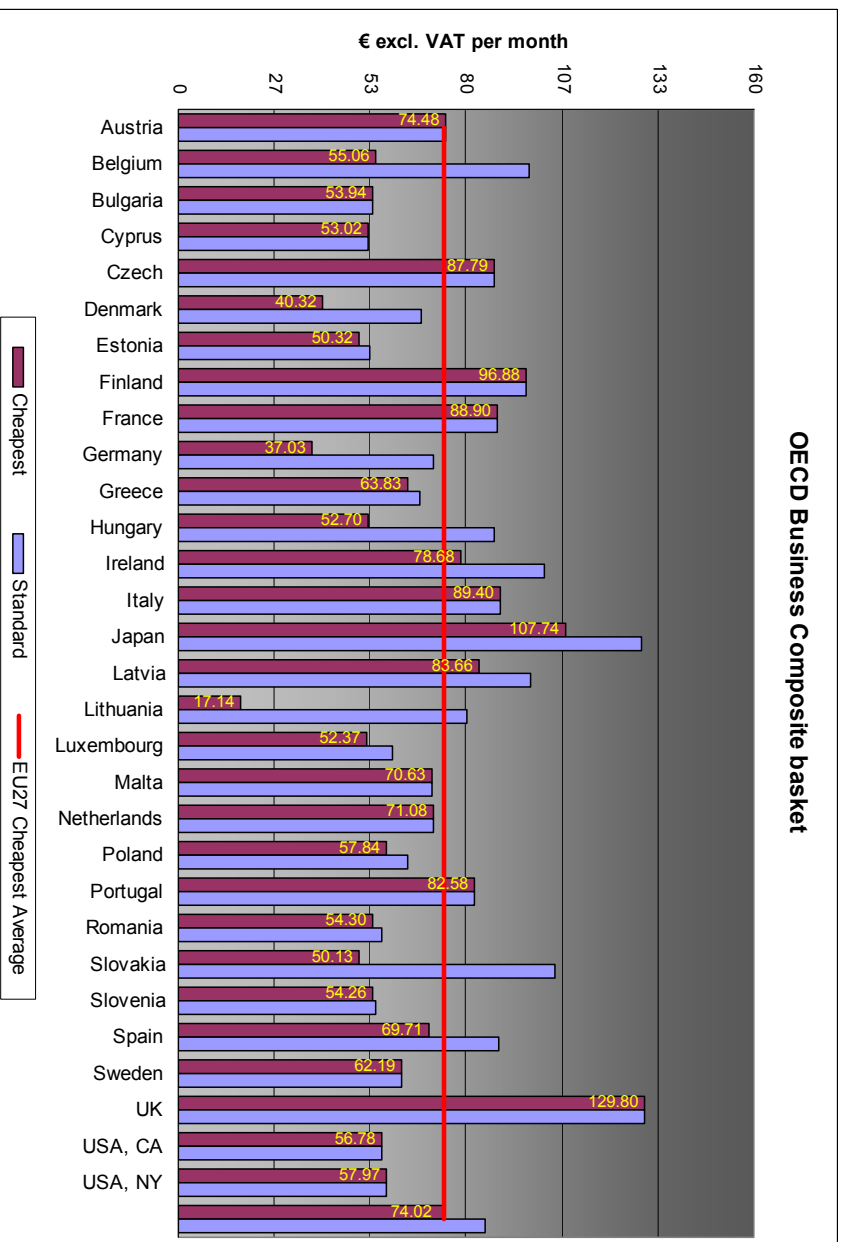


Figure 1.5

Prices for cheapest package in 2008 and 2009 using Residential Composite basket

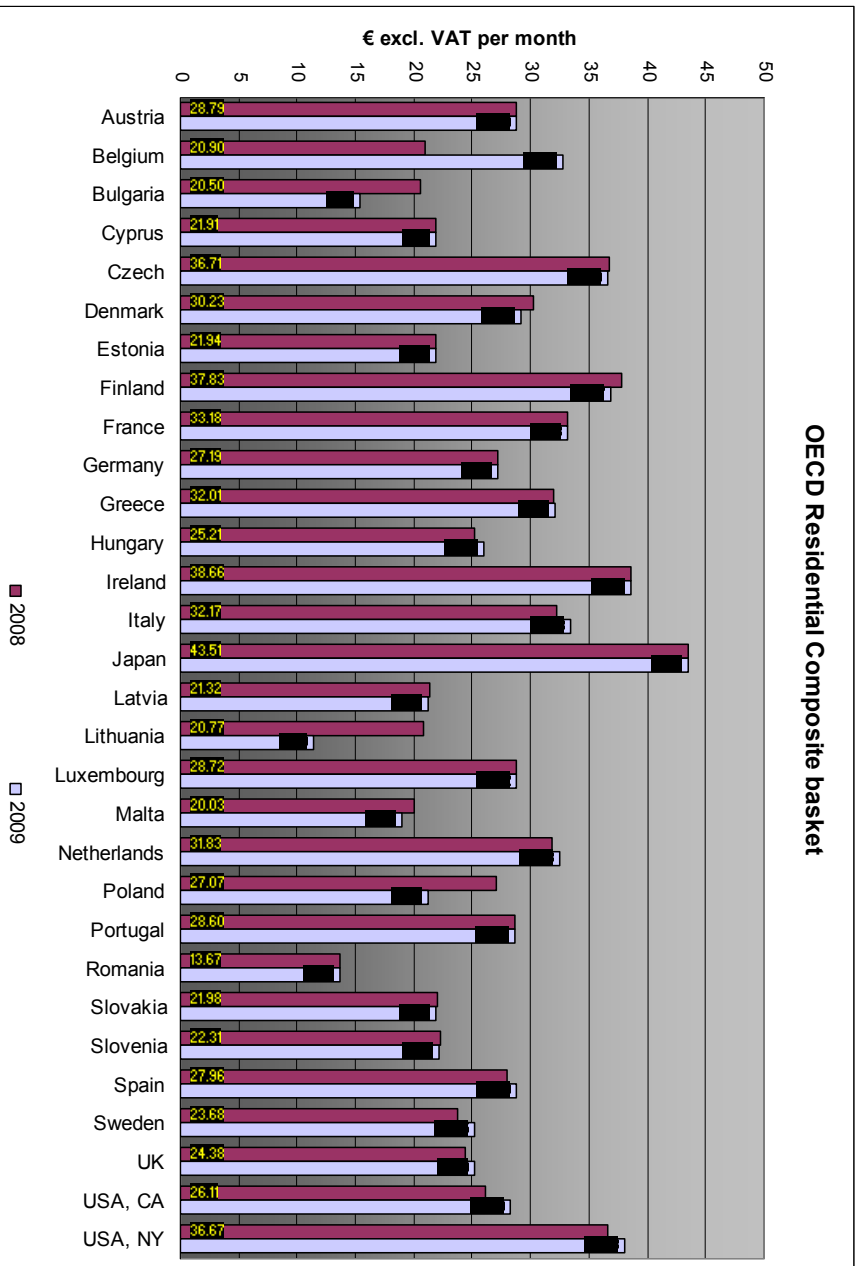
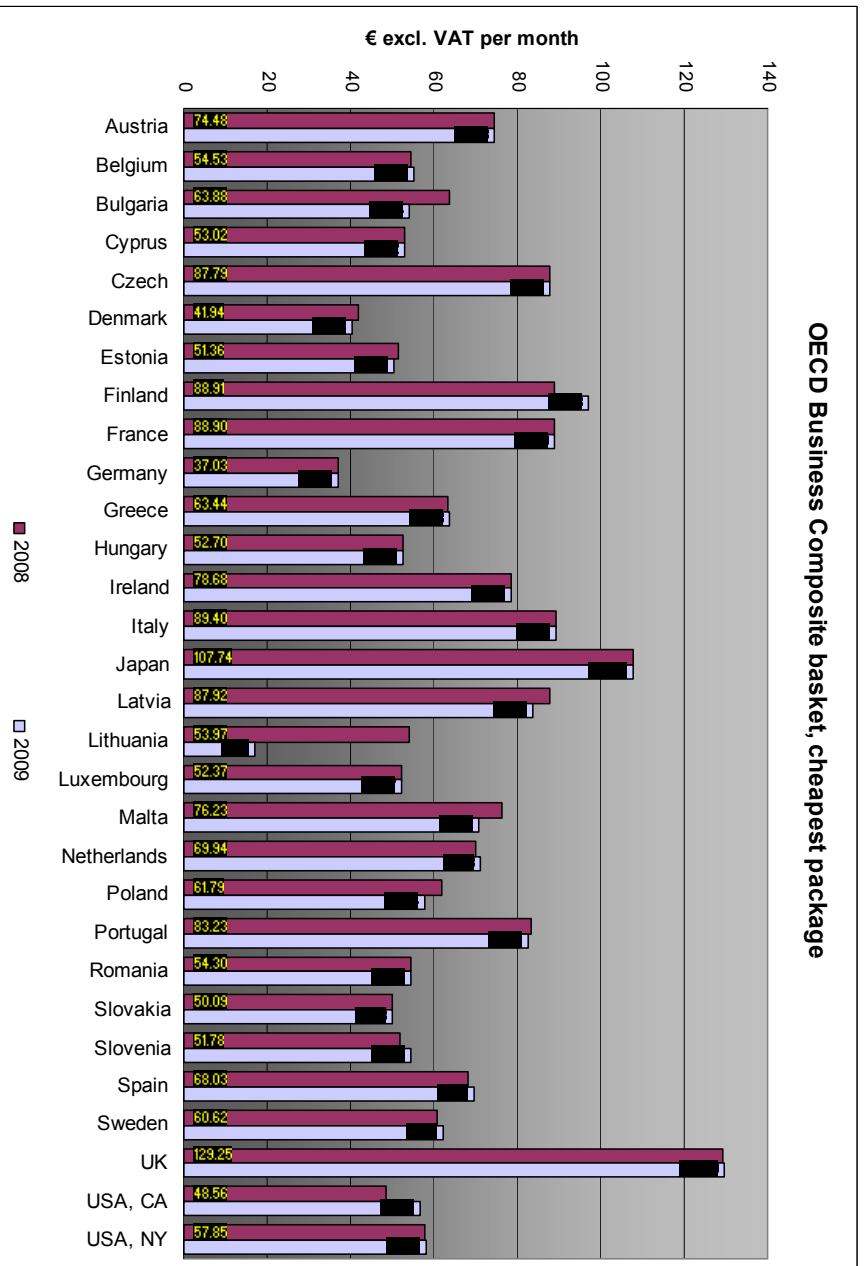


Figure 1.6

Prices for cheapest package in 2008 and 2009 using Business Composite basket



2. 2006 version of OECD baskets for PSTN

The OECD baskets were revised in 2005-2006 following a workshop in Rome in May 2005². The new baskets are, as before, based on traffic information received from a wide range of OECD countries, and a basket proposal was put to the OECD by Teligen in the autumn of 2005. They were adopted by the OECD in December 2005 and implemented by Teligen in the February 2006 T-Basket.

Highlights of the new baskets are:

- 5 new baskets for Low, Medium and High residential usage, and business baskets for SOHO and SME usage.
- Fixed to Mobile calls now include calls to up to 4 national mobile networks, weighted by subscriber numbers.
- A range of tariff packages from the incumbent operator are now included, with automatic selection of the cheapest package for each basket.
- Traffic weights and volumes have been updated with recent information.

The details of the 2006 version of the basket definitions are listed below:

Fixed charges are included with the appropriate annual rental charge, and with the installation charge depreciated over 5 years.

Table 2.1a Number of calls per year, 2006 version of OECD PSTN basket

Number of calls per year	National calls	Calls to mobile	International calls	Total calls
OECD Residential basket, Low Usage	456	114	30	600
OECD Residential basket, Medium Usage	900	276	24	1200
OECD Residential basket, High Usage	1560	744	96	2400
OECD Business basket, SOHO	1206	522	72	1800
OECD Business basket, SME	2016	560	224	2800

The SME basket shall also reflect 30 lines and users.

Table 2.1b Distribution over time, 2006 version of OECD PSTN basket

Fixed call distribution over time	We 11.00	We 15.00	We 20.00	We 03.00	Sa 11.00	Su 15.00
OECD Residential basket, Low Usage	30.2%	28.1%	23.6%	0.9%	8.2%	9.0%
OECD Residential basket, Medium Usage	27.5%	28.0%	23.0%	2.0%	8.0%	11.5%
OECD Residential basket, High Usage	30.0%	29.2%	23.8%	1.1%	7.3%	8.6%
OECD Business basket, SOHO	39.5%	39.3%	7.5%	3.6%	5.5%	4.6%
OECD Business basket, SME	40.2%	40.5%	6.5%	3.4%	4.7%	4.7%
Mobile call distribution over time	We 11.00	We 15.00	We 20.00	We 03.00	Sa 11.00	Su 15.00
OECD Residential basket, Low Usage	28.6%	28.6%	20.5%	0.6%	10.1%	11.6%
OECD Residential basket, Medium Usage	29.1%	30.5%	20.5%	0.7%	8.5%	10.7%
OECD Residential basket, High Usage	30.0%	30.4%	20.0%	0.6%	8.5%	10.5%
OECD Business basket, SOHO	39.5%	39.5%	4.5%	0.3%	9.0%	7.2%
OECD Business basket, SME	44.0%	42.0%	1.2%	0.1%	6.3%	6.4%

² The OECD baskets are also under revision in 2009, but the new baskets will not be adopted and implemented until after the preparation of this report.

Table 2.1c Distribution over distance, 2006 version of OECD PSTN basket

Fixed call distribution over distance	3 km	7 km	12 km	17 km	22 km	27 km	40 km
OECD Residential basket, Low Usage	62.0%	14.5%	5.2%	3.1%	1.6%	2.1%	2.1%
OECD Residential basket, Medium Usage	56.7%	13.3%	4.7%	2.8%	1.4%	3.2%	3.2%
OECD Residential basket, High Usage	63.0%	14.7%	5.2%	3.1%	1.6%	1.9%	1.9%
OECD Business basket, SOHO	55.5%	13.0%	4.6%	2.9%	1.5%	3.3%	3.3%
OECD Business basket, SME	57.2%	13.4%	4.9%	3.0%	1.5%	3.0%	3.0%
Fixed call distribution over distance	75 km	110 km	135 km	175 km	250 km	350 km	490 km
OECD Residential basket, Low Usage	2.1%	1.2%	1.0%	0.8%	0.8%	0.6%	2.9%
OECD Residential basket, Medium Usage	3.2%	1.9%	1.6%	1.3%	1.3%	1.0%	4.4%
OECD Residential basket, High Usage	1.9%	1.1%	0.9%	0.7%	0.7%	0.6%	2.7%
OECD Business basket, SOHO	3.3%	2.0%	1.7%	1.4%	1.4%	1.1%	5.0%
OECD Business basket, SME	3.0%	1.8%	1.5%	1.2%	1.2%	0.9%	4.4%

Table 2.1d Call durations in minutes, 2006 version of OECD PSTN basket

Call durations 3-22 km	We 11.00	We 15.00	We 20.00	We 03.00	Sa 11.00	Su 15.00
OECD Residential basket, Low Usage	3.7	3.7	4.7	4.7	4.5	4.5
OECD Residential basket, Medium Usage	3.7	3.7	4.7	4.7	4.5	4.5
OECD Residential basket, High Usage	3.7	3.7	4.7	4.7	4.5	4.5
OECD Business basket, SOHO	1.9	1.9	2.1	2.1	2.3	2.3
OECD Business basket, SME	1.9	1.9	2.1	2.1	2.3	2.3
Call durations >22 km	We 11.00	We 15.00	We 20.00	We 03.00	Sa 11.00	Su 15.00
OECD Residential basket, Low Usage	4.4	4.4	7	7	6.6	6.6
OECD Residential basket, Medium Usage	4.4	4.4	7	7	6.6	6.6
OECD Residential basket, High Usage	4.4	4.4	7	7	6.6	6.6
OECD Business basket, SOHO	2.2	2.2	3	3	3.1	3.1
OECD Business basket, SME	2.2	2.2	3	3	3.1	3.1
Call durations to mobile	We 11.00	We 15.00	We 20.00	We 03.00	Sa 11.00	Su 15.00
OECD Business basket, SME	1.8	1.8	2.1	2.1	1.9	1.9
OECD Business basket, SME	1.8	1.8	2.1	2.1	1.9	1.9
OECD Business basket, SME	1.8	1.8	2.1	2.1	1.9	1.9
OECD Residential basket, Low Usage	1.6	1.6	1.7	1.7	1.7	1.7
OECD Residential basket, Medium Usage	1.6	1.6	1.7	1.7	1.7	1.7

Table 2.1e International calls, 2006 version of OECD PSTN basket

International calls	Distribution		Call duration (minutes)	
	Peak	Off-peak	Peak	Off-peak
OECD Residential basket, Low Usage	33%	67%	5.5	7.2
OECD Residential basket, Medium Usage	33%	67%	5.5	7.2
OECD Residential basket, High Usage	33%	67%	5.5	7.2
OECD Business basket, SOHO	80%	20%	2.9	3.9
OECD Business basket, SME	80%	20%	2.9	3.9

Given all these changes from the 2000 versions of the baskets it is not possible to recalculate the old tariff data used in the baskets before 2006 with the new baskets. A new timeline will have to start from 2006.

The original basket results are split up into up to nine different cost elements, but in this report only the total cost for each country will be shown. The different baskets may select different tariff packages as the cheapest, and the table below gives an overview of the packages used for each basket in 2009.

Please note that the OECD baskets will choose the cheapest package available to the customers at any given time, and the selection of packages may then change from one update to the next. Price changes indicated by the basket results may be a result of new or discontinued tariff packages rather than actual changes in price.

Table 2.1 Tariff packages for each basket in 2009

	Low usage residential basket	Medium usage residential basket	High usage residential basket	SOHO business basket	SME business basket
Austria	TikTak Privat	TikTak Privat	TikTak Privat	TikTak Business Plus	TikTak Business Plus
Belgium	HappyTime	HappyTime	No Limit Anytime	Just National 120	No Limit Anytime
Bulgaria	At Home 150	At Home 250	At Home 250	Business Standard	Business Standard
Cyprus	Classic 2	Home	Home	Silver	Silver
Czech	O2 Standard	O2 Standard	O2 Standard	O2 Trend	O2 Trend
Denmark	Samtale Weekend	Samtale Day	Samtale Day	Samtale Day	Samtale Day
Estonia	Kodu	Kodu	Pluss	Standard	Standard
Finland	Standard	Standard	Standard	Professionnel Presence	Professionnel Presence
France	Principal	Principal	Principal	Call Basic	Call Basic
Germany	Call Basic	Call Basic	Call Comfort	Call Plus	Call Plus
Greece	Standard	Standard	OTE 480 Residential	Standard	OTEBusiness 500 LD
Hungary	Felező	Felező	Felező	V8 Enterprise	Gratisz 500
Ireland	Talktime 200	Talktime Anytime	Talktime Anytime	Talktime Business 1	Talktime Business 1
Italy	Residential Standard	Residential Standard	Residential Standard	Business Standard	Business Standard
Japan	Residential Ichirittsu 1	Residential Ichirittsu 2	Residential Ichirittsu 2	Business Ichirittsu 2	Business Ichirittsu 2
Latvia	Aktivie tarifi	Aktivie tarifi	Aktivie tarifi	Biznesa tarifi	Biznesa tarifi
Lithuania	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Luxembourg	Standard	Standard	Standard	Standard	Standard
Malta	Talk 200	Talk Anytime	Talk Anytime	Business	Business
Netherlands	BelBasis	BelNaarMobiel 30	BelNaar Mobiel 60	BelBasis	BelBasis
Poland	Plan TP deMowy 300	Plan TP deMowy 300	Plan TP deMowy 1200	Plan Sekundowy Uniwersalny TP Bi	Plan Sekundowy Uniwersalny TP Bi
Portugal	Plano Noites gratis	Total PT	Total PT	Business Standard	Business Standard
Romania	Voce Eve&WE	Voce Unlimited	Voce Total	Voce Business Mobile	Voce Business Mobile
Slovakia	Doma Maxi	Doma Extra	Doma Extra	Biznis Aktiv	Biznis Slovensko
Slovenia	Standard	Eve&Weekend	Eve&Weekend	Standard	Standard
Spain	Standard	Tarifa Mini plus	Tarifa Mini plus	Tarifa Mini plus	Tarifa Mini plus
Sweden	Kvall & helg	Kvall & helg	Dygnet runt	Företagsabonnemang	Företagsabonnemang
UK	Unlimited Anytime	Unlimited Anytime	Unlimited Anytime	Business Standard	Business Standard
USA CA	One Rate NW 10c Plan	One Rate 5c Plus Plan	One Rate 5c Plus Plan	All in one LD	All in one LD
USA NY	One Rate NW 10c Plan	One Rate 5c Plus Plan	One Rate 5c Plus Plan	One Rate National Plan	One Rate National Plan

All basket results below are shown in Euro per month, with VAT included for the residential baskets and excluded for the business baskets.

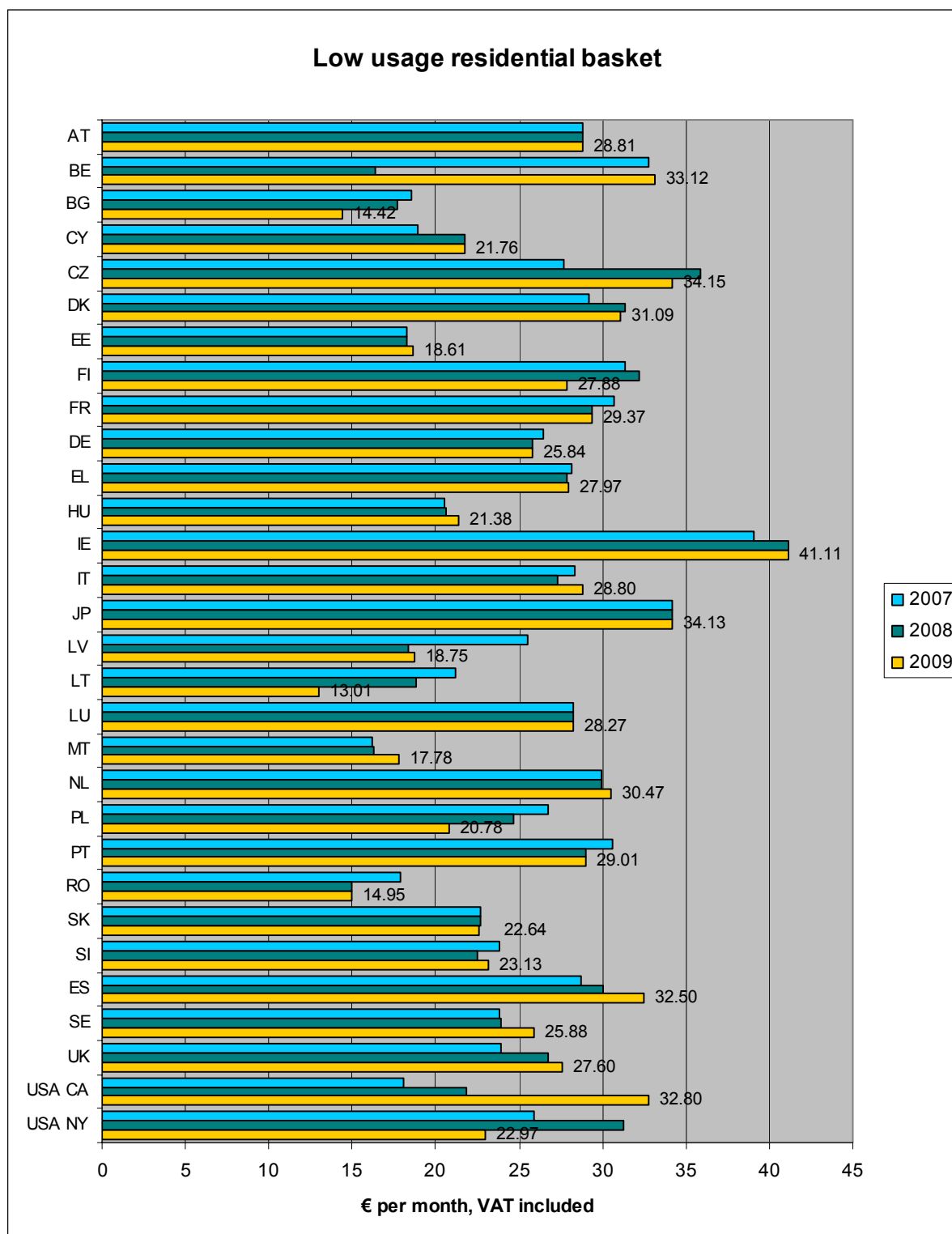
Please note:

A basket methodology is based on combining a usage profile with relevant tariffs. The OECD baskets are created for international comparisons, and each basket describes a theoretical user based on research supported by operators in a large number of OECD countries. However, this does not imply that any of the OECD baskets describe the typical usage as found in any specific country, and as such none of the OECD baskets should be assumed to describe any average usage in any country.

The results from the OECD baskets show the cost experienced by a theoretical user behaving as described in the basket, if this user was using any of the tariffs included in the analysis. This does not imply that the basket usage is optimal for any country, or that the cost achieved is the lowest cost possible for a real user in that country.

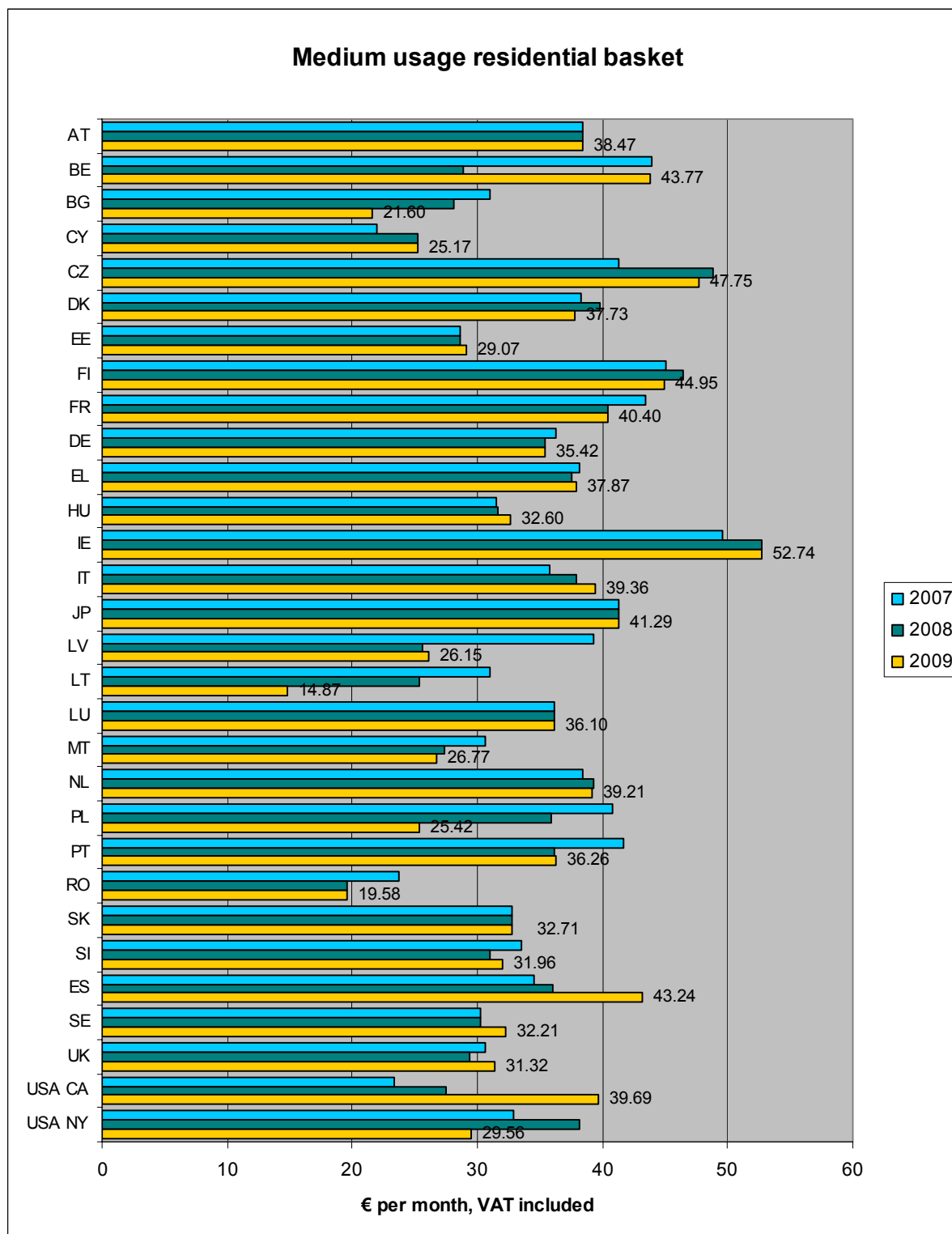
2.1. Low usage basket

Figure 2.1 Results for Low usage residential basket



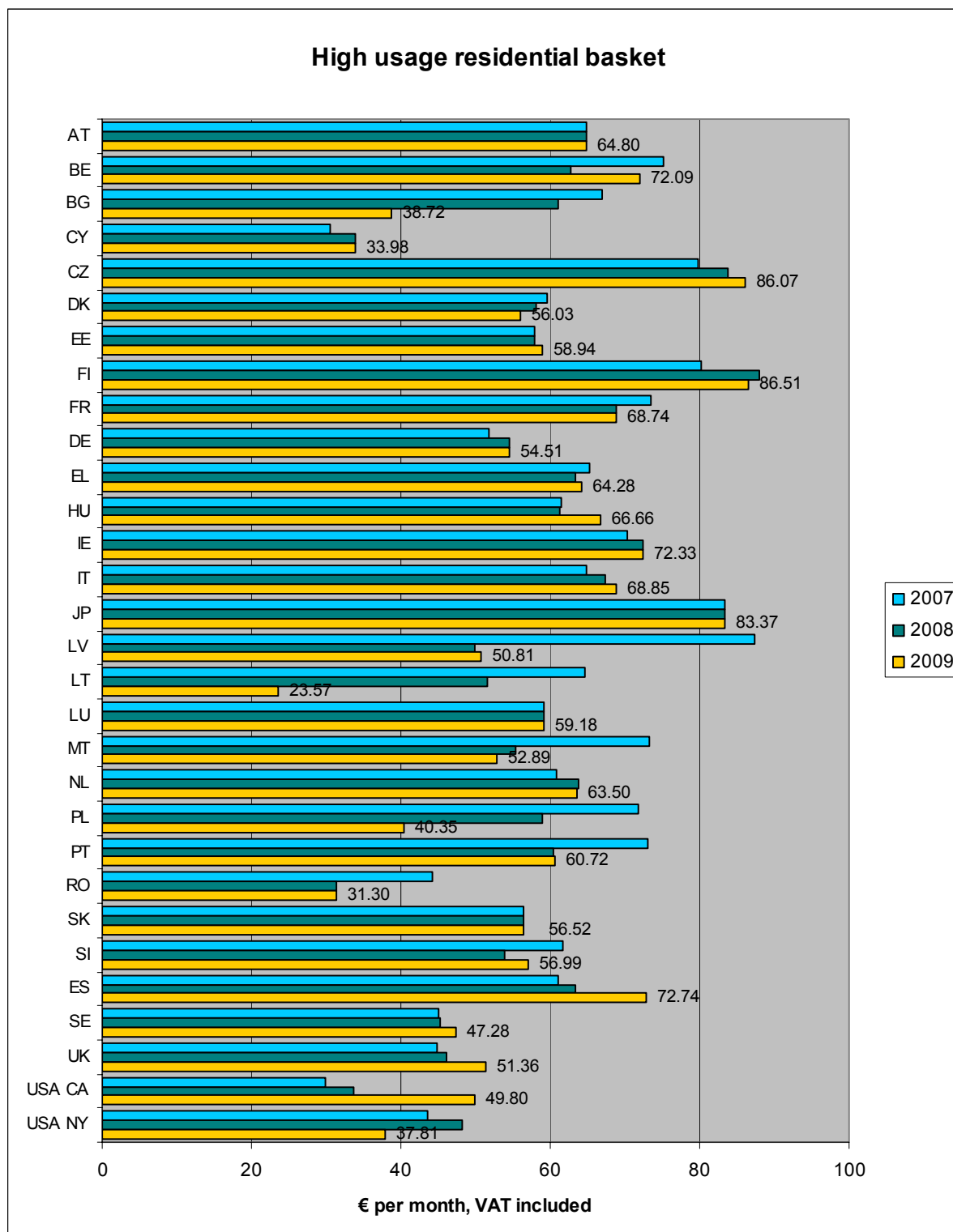
2.2. Medium usage basket

Figure 2.2 Results for Medium usage residential basket



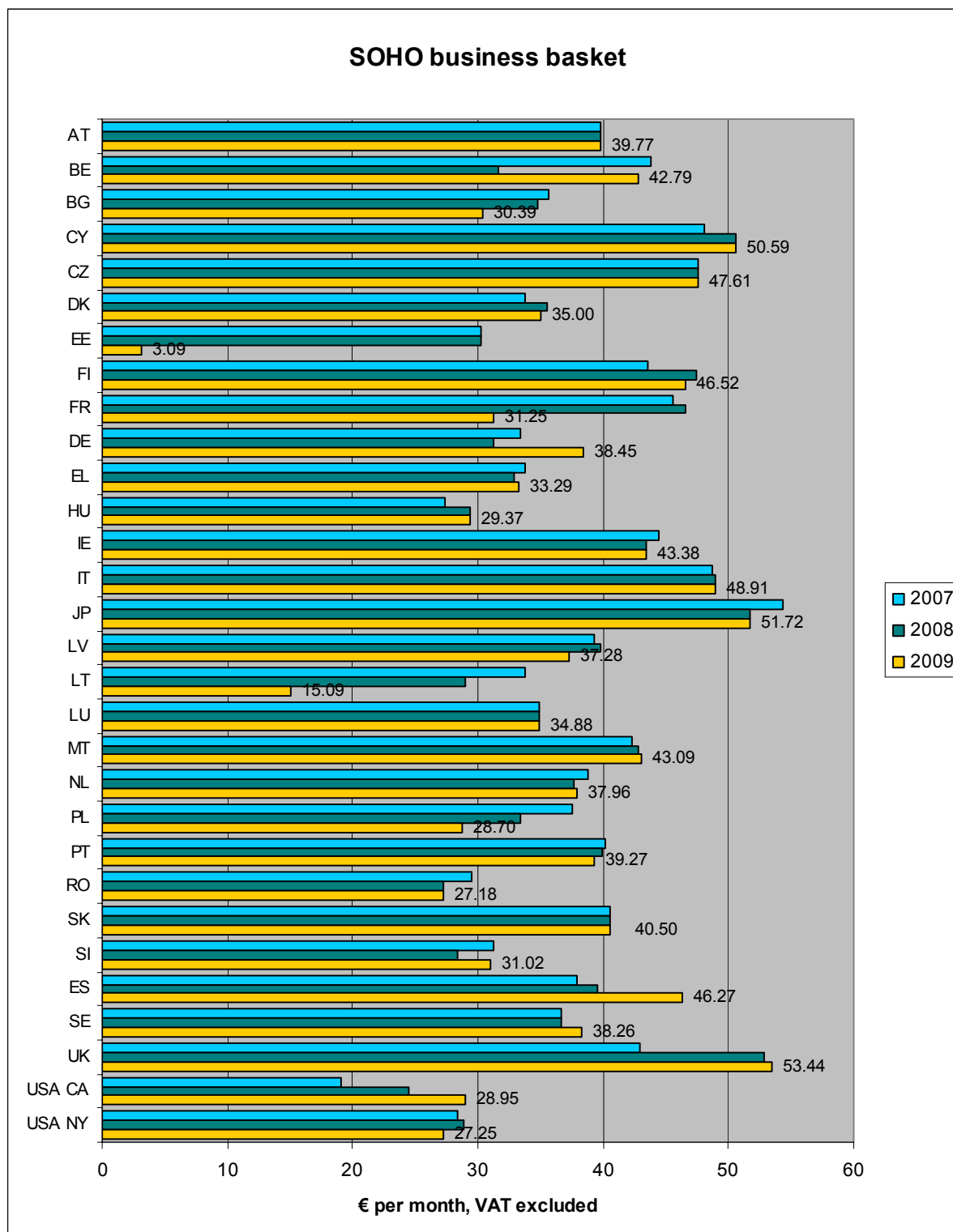
2.3. High usage basket

Figure 2.3 Results for High usage residential basket



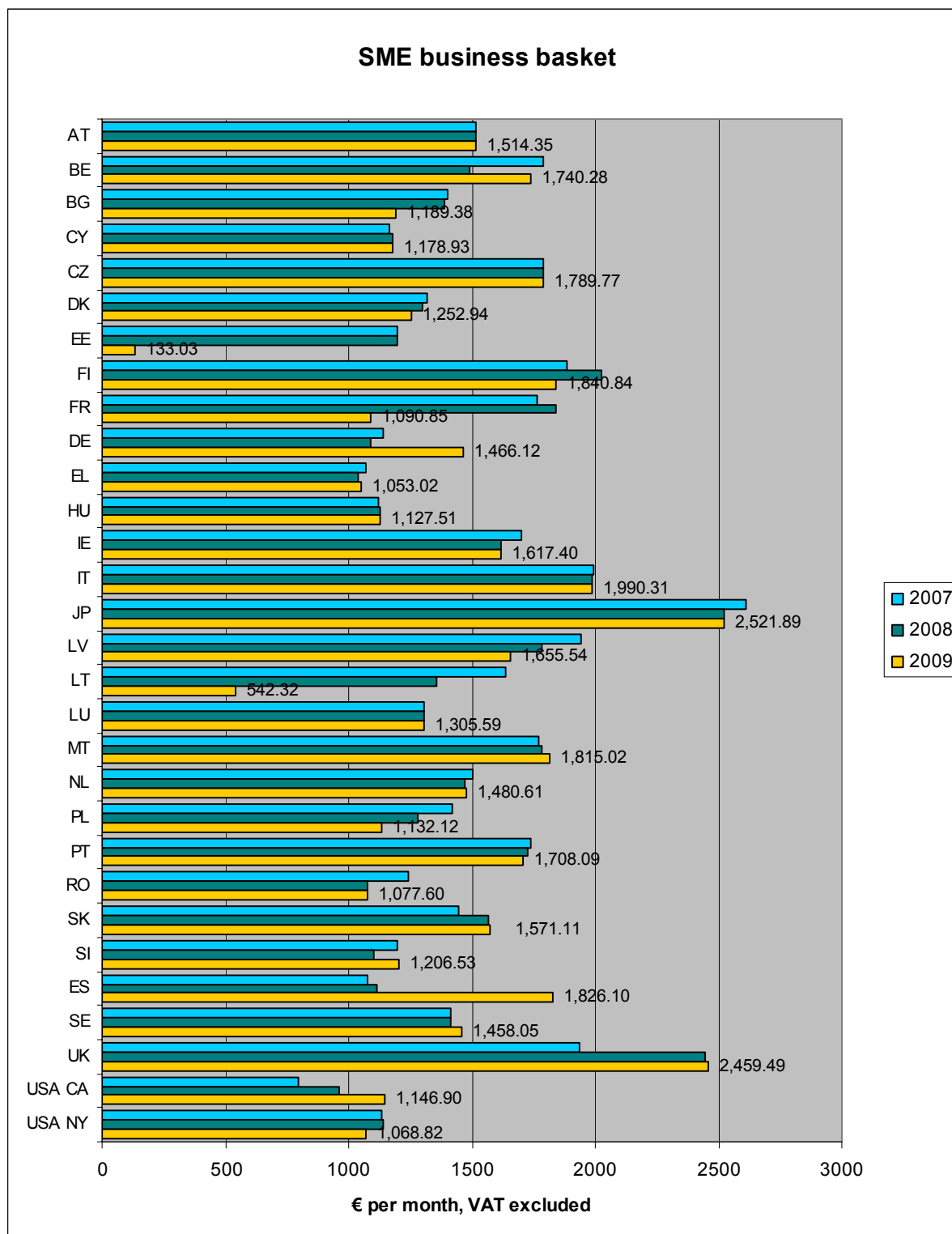
2.4. SOHO basket

Figure 2.4 Results for SOHO business basket



2.5. SME basket

Figure 2.5 Results for SME business basket



3. International PSTN Basket

For the basket comparison of only international PSTN call charges, the OECD Traffic weight basket methodology is used. The basket calculates **an average charge** for calls to all OECD destination countries. The charge is calculated as the average of:

	Call duration	Residential basket weight	Business basket weight
Peak time call	3 minutes	25%	75%
Off-peak time call	5 minutes	75%	25%

Traffic weighting is used, as per the basket revision in 2000. This method applies a weight to each destination based on the traffic volumes reported on that route.

The international baskets do not include any fixed (non-recurring or monthly) charges. Only the cost of calls are covered by the baskets.

All tariffs are standard prices from ex-incumbent operators, and both these operators and new entrants may offer lower prices.

On average the international call charges have gone down over the years, as figures 3.1 and 3.3 show.

In 2008 there is a significant reduction in the average residential call charges for international calls, and a slight reduction for the average business call charges. The following tables show the details for each country.

The graphs and tables below will present the data with these parameters:

- All charges in Euro per call
- Including VAT for the Residential basket
- Excluding VAT for the Business basket

Please note:

A basket methodology is based on combining a usage profile with relevant tariffs. The OECD baskets are created for international comparisons, and each basket describes a theoretical user based on research supported by operators in a large number of OECD countries. However, this does not imply that any of the OECD baskets describe the typical usage as found in any specific country, and as such none of the OECD baskets should be assumed to describe any average usage in any country.

The results from the OECD baskets show the cost experienced by a theoretical user behaving as described in the basket, if this user was using any of the tariffs included in the analysis. This does not imply that the basket usage is optimal for any country, or that the cost achieved is the lowest cost possible for a real user in that country.

3.1. Residential International PSTN Basket

The result from the Residential International PSTN basket, using the OECD Traffic weight methodology, is summarised in the table below.

Figure 3.1 EU27 weighted average for international residential call charges

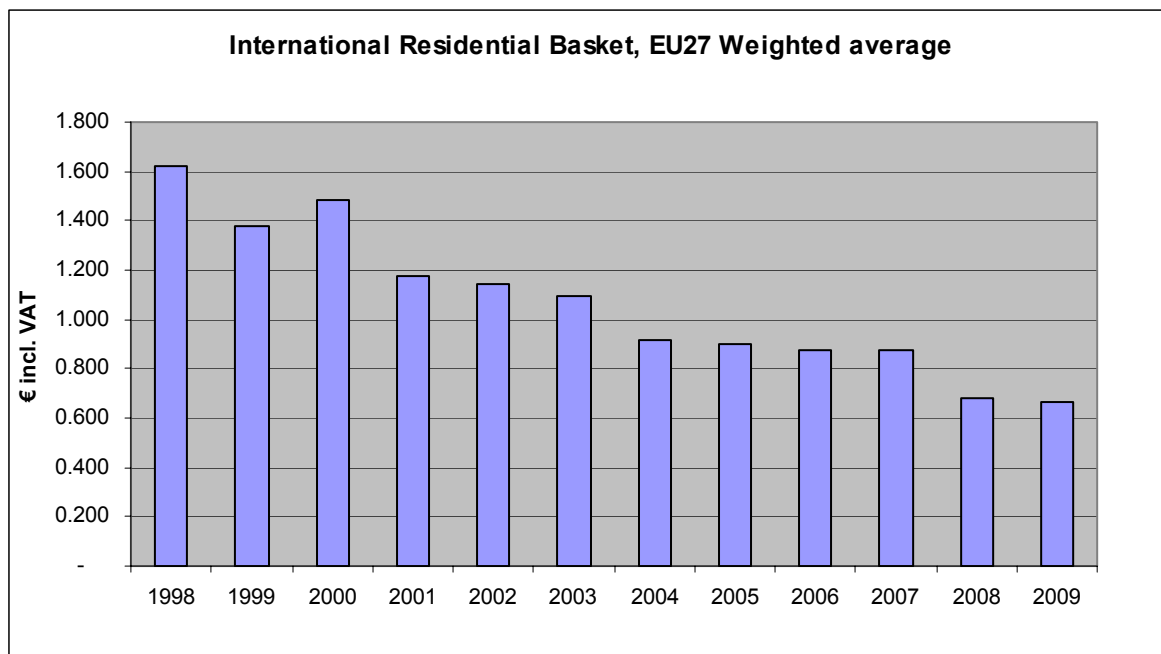


Table 3.1 International PSTN, Residential basket results

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Austria, Telekom Austria	1.70	1.60	1.34	1.30	0.99	0.99	0.99	0.61	0.61	0.60	0.61	0.61
Belgium, Belgacom	2.07	1.72	1.87	0.69	0.71	0.71	0.72	0.72	0.72	0.73	0.75	0.77
Bulgaria, Vivacom					1.96	1.96	1.11	0.84	0.84	0.84	0.85	0.42
Cyprus, CYTA			1.52	1.27	0.97	0.48	0.37	0.28	0.27	0.27	0.27	0.27
Czech, Telefonica O2			1.92	1.46	1.30	1.30	0.67	0.97	0.96	0.96	0.73	0.73
Denmark, TDC	1.43	1.24	1.39	0.92	0.92	0.86	0.86	0.86	0.86	0.85	0.85	0.85
Estonia, Elion			2.67	0.82	0.82	0.82	0.82	0.68	0.63	0.63	0.42	0.42
Finland, TeliaSonera	1.51	1.28	1.73	1.14	1.15	1.11	1.15	1.15	1.15	1.08	1.12	1.12
France, France Telecom	1.00	1.13	0.91	0.76	0.76	0.76	0.79	0.79	0.79	0.79	0.79	0.79
Germany, Deutsche Telekom	1.84	1.28	1.25	0.69	0.69	0.69	0.69	0.70	0.70	0.71	0.14	0.14
Greece, OTE	1.94	1.94	1.50	1.33	1.34	1.32	1.32	1.16	1.16	1.09	1.09	1.09
Hungary, Magyar Telekom			1.89	1.55	1.55	1.27	1.27	1.05	1.01	0.96	0.65	0.67
Ireland, Eircom	1.08	0.97	1.18	0.81	0.81	0.81	0.76	0.76	0.76	0.78	0.47	0.47
Italy, Telecom Italia	2.17	1.55	1.64	1.48	1.24	1.19	1.19	1.19	1.19	1.19	1.19	1.19
Japan, NTT	4.74	3.67	3.50	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61
Latvia, Latt telecom			2.05	2.14	2.14	2.14	2.14	2.14	2.16	2.16	0.79	0.77
Lithuania, TEO LT			3.84	2.16	2.16	2.16	1.23	1.23	1.45	1.45	1.45	0.31
Luxembourg, P&T Luxembourg	1.51	0.99	0.77	0.56	0.56	0.56	0.56	0.53	0.53	0.53	0.53	0.53
Malta, Go						2.48	0.95	0.95	0.87	0.87	0.87	0.66
Netherlands, KPN	1.03	0.94	0.55	0.52	0.51	0.58	0.58	0.58	0.58	0.46	0.50	0.50
Poland, Polish Telecom			2.42	2.31	2.31	2.31	1.61	1.66	1.39	1.39	0.45	0.45
Portugal, Telecom Portugal	1.97	1.69	1.63	1.07	1.09	1.09	1.09	0.89	1.01	1.01	1.00	1.00
Romania, RomTelecom							1.09	0.97	0.97	0.97	0.34	0.34
Slovakia, Slovak Telecom			2.58	1.65	1.61	1.61	1.60	1.60	0.70	0.70	0.70	0.70
Slovenia, Telekom Slovenije			1.14	1.10	1.11	1.11	1.11	0.62	0.62	0.62	0.62	0.62
Spain, Telefonica	1.93	1.80	1.68	1.21	1.09	0.78	0.78	0.78	0.78	0.78	0.81	0.84
Sweden, Telia	1.00	1.00	0.55	0.55	0.55	0.47	0.47	0.47	0.47	0.58	0.41	0.41
UK, BT	1.30	1.30	1.44	1.39	1.39	1.39	0.61	0.63	0.67	0.69	0.83	0.80
USA, SBC, LA	2.90	0.76	0.65	0.69	0.70	0.54	0.34	0.35	0.35	0.34	0.33	0.33
USA, Verizon, NY	2.90	0.76	0.65	0.69	0.70	0.54	0.34	0.35	0.35	0.34	0.33	0.33
EU27 weighted average	1.62	1.38	1.48	1.18	1.14	1.10	0.92	0.90	0.88	0.88	0.68	0.67

Note:

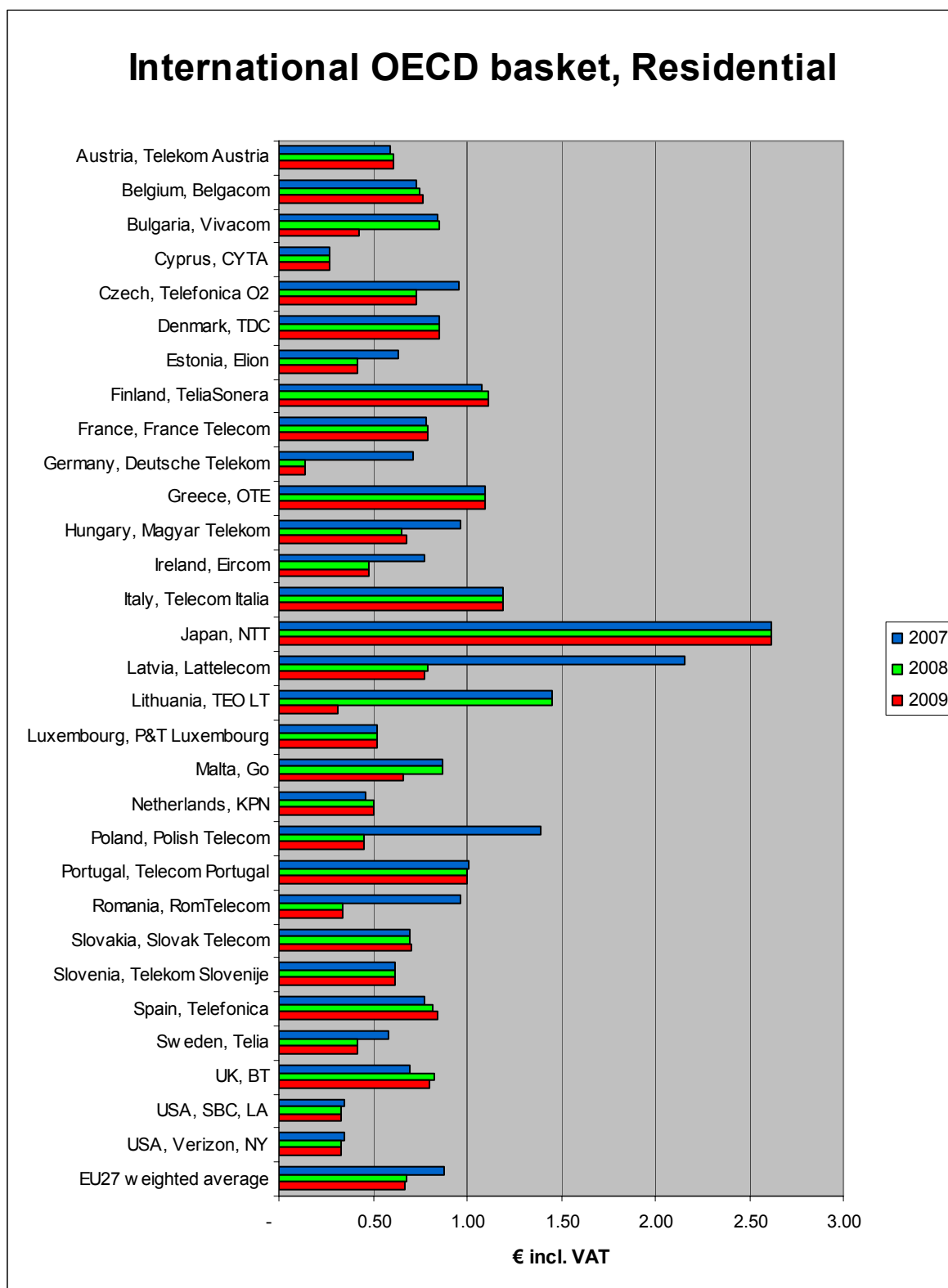
All charges in Euro, including VAT

The values are charges for one call, based on the OECD basket definition.

The OECD Traffic weight basket methodology is applied.

For USA is used AT&T, and for Japan is used KDDI.

Figure 3.2: International PSTN, Residential Basket results



3.2. Business International PSTN Basket

The result from the Business International PSTN basket, using the OECD Traffic weight methodology, is summarised in the table below.

Figure 3.3 EU27 weighted average for international business call charges

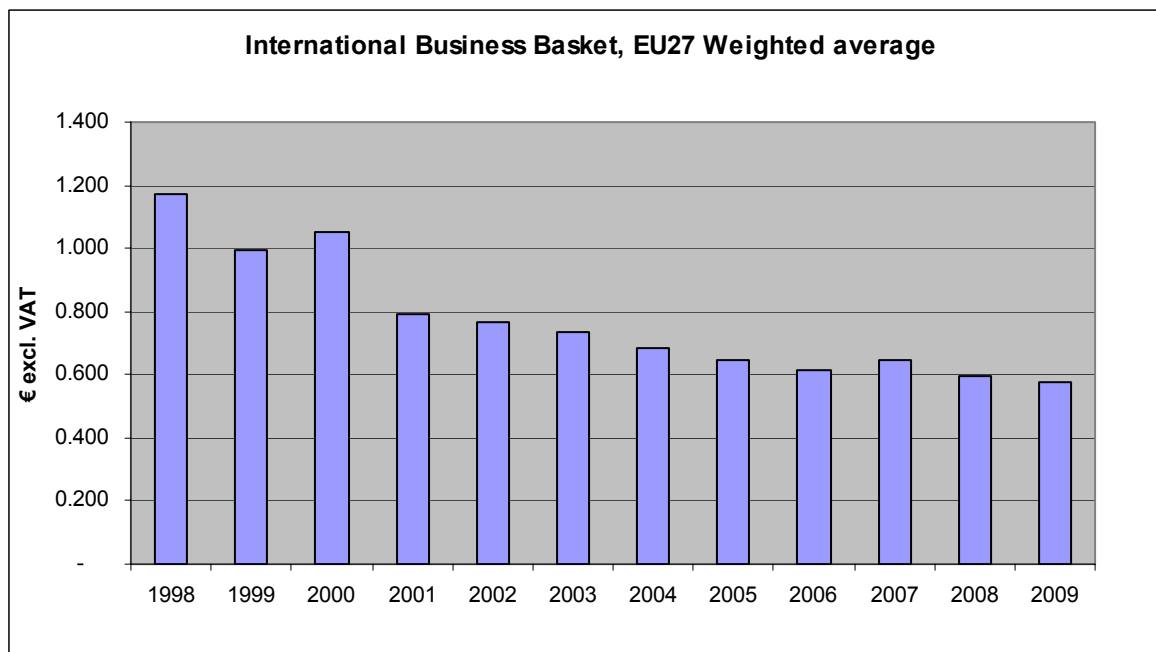


Table 3.2 International PSTN, Business basket results

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Austria, Telekom Austria	1.19	1.12	0.88	0.86	0.86	0.86	0.86	0.47	0.47	0.46	0.38	0.38
Belgium, Belgacom	1.40	1.29	1.37	0.58	0.60	0.60	0.61	0.61	0.61	0.62	0.63	0.65
Bulgaria, Vivacom					1.27	1.27	0.79	0.55	0.55	0.55	0.55	0.28
Cyprus, CYTA			1.11	0.95	0.72	0.32	0.25	0.19	0.19	0.19	0.19	0.19
Czech, Telefonica O2			1.80	1.12	0.94	0.94	0.44	0.46	0.44	0.44	0.44	0.44
Denmark, TDC	1.05	0.91	1.03	0.58	0.58	0.54	0.54	0.54	0.54	0.54	0.53	0.53
Estonia, Elion			2.03	0.54	0.54	0.54	0.54	0.46	0.42	0.42	0.42	0.28
Finland, TeliaSonera	1.11	0.97	1.32	0.89	0.90	0.88	0.91	0.91	0.91	0.84	0.87	0.87
France, France Telecom	0.72	0.81	0.71	0.39	0.39	0.39	0.43	0.43	0.43	0.43	0.43	0.43
Germany, Deutsche Telekom	1.33	0.88	0.87	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.09	0.09
Greece, OTE	1.45	1.45	1.00	0.88	0.88	0.87	0.87	0.76	0.76	0.71	0.71	0.71
Hungary, Magyar Telekom			1.18	0.97	0.97	0.79	0.79	0.66	0.62	0.63	0.38	0.38
Ireland, Eircom	0.79	0.70	0.87	0.58	0.58	0.58	0.53	0.53	0.53	0.57	0.37	0.37
Italy, Telecom Italia	1.60	1.15	1.12	1.02	0.86	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Japan, NTT	4.34	3.27	3.16	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
Latvia, Latttelecom			1.61	1.68	1.68	1.68	1.68	1.68	1.69	1.69	1.16	0.98
Lithuania, TEO LT			3.01	1.70	1.70	1.70	0.96	0.96	1.13	1.13	1.13	0.21
Luxembourg, P&T Luxembou	1.15	0.77	0.60	0.41	0.41	0.41	0.41	0.39	0.39	0.39	0.25	0.25
Malta, Go						2.03	0.60	0.60	0.66	0.66	0.67	0.68
Netherlands, KPN	0.74	0.67	0.37	0.35	0.35	0.40	0.40	0.40	0.40	0.40	0.41	0.41
Poland, Polish Telecom			1.54	1.48	1.48	1.48	1.03	0.82	0.45	0.45	0.43	0.43
Portugal, Telecom Portugal	1.49	1.20	1.15	0.79	0.80	0.80	0.80	0.73	0.83	0.83	0.83	0.83
Romania, RomTelecom							0.79	0.71	0.64	0.64	0.36	0.36
Slovakia, Slovak Telecom			1.98	1.10	0.90	0.72	0.69	0.69	0.46	0.46	0.46	0.46
Slovenia, Telekom Slovenije			0.83	0.80	0.80	0.80	0.80	0.40	0.40	0.40	0.40	0.40
Spain, Telefonica	1.40	1.29	1.22	0.84	0.76	0.55	0.55	0.55	0.55	0.55	0.58	0.60
Sweden, Telia	0.72	0.72	0.35	0.35	0.35	0.30	0.30	0.30	0.30	0.37	0.37	0.37
UK, BT	0.95	0.95	1.06	1.01	1.01	1.01	1.01	1.01	1.01	1.24	1.49	1.49
USA, SBC, LA	2.43	0.54	0.39	0.37	0.41	0.39	0.38	0.38	0.39	0.39	0.36	0.36
USA, Verizon, NY	2.43	0.54	0.39	0.37	0.41	0.39	0.38	0.38	0.39	0.39	0.36	0.36
EU27 weighted average	1.17	1.00	1.05	0.79	0.77	0.74	0.69	0.65	0.62	0.65	0.59	0.58

Note:

All charges in Euro, excluding VAT

EU average is a weighted average across 27 EU Member States, using population as weight.

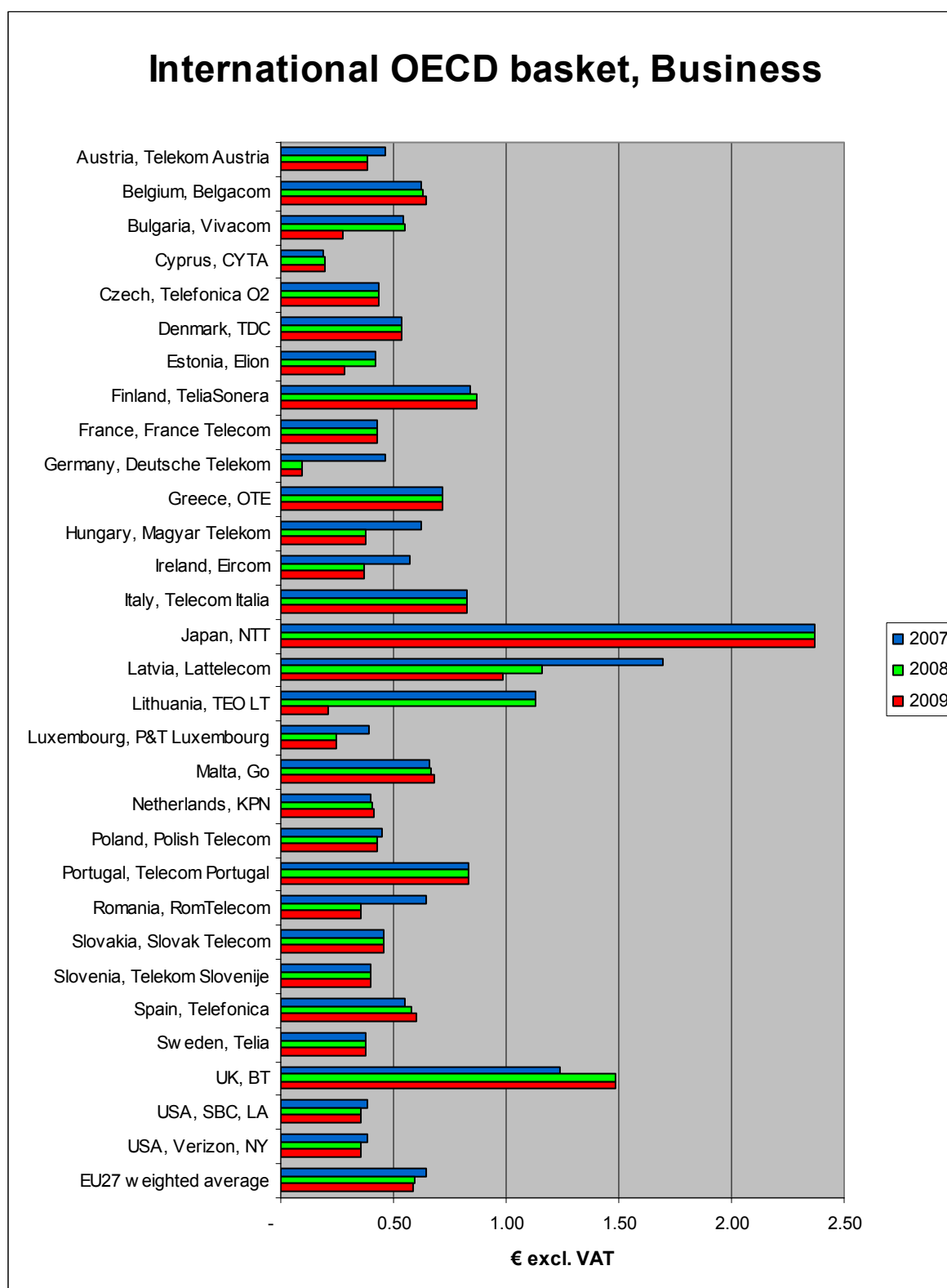
The values are charges for one call, based on the OECD basket definition.

The OECD Traffic weight basket methodology is applied.

For USA is used AT&T, and for Japan is used KDD.

The Business calls will appear cheaper than the residential calls, as the basket has a heavy weight towards peak calls, which are shorter (3 minutes) than off-peak calls (5 minutes).

Figure 3.4: International PSTN, Business Basket results



4. National PSTN calls

The objective here has been to study the development of the call charges actually paid by the consumer on individual calls. The numbers presented in this section do not give any indication of the overall price levels of PSTN services in a country, relative to another.

For those countries where unit based charging is used, the cost of the amount of full units is calculated. Any call set-up charges, minimum charges and/or call specific duration allowances have been taken into account.

3 distinct call durations are used: 3 minutes, 5 minutes and 10 minutes. 3 call distances are selected: 3 km (equivalent to a local call), 50 km and 200 km. In several countries the tariff will theoretically change at exactly one of these distances. In such cases the rates from the lower distance band is used.

The data is presented with the following parameters:

- Using EURO exchange rates
- Including VAT
- The years 1998 through to 2009 are covered where possible
- The default³ residential package is selected. No discount packages are taken into account.
- Call charges refer to calls within the operator's own network.
- The US tariffs considered in this report are from Verizon, NY for local calls, Verizon, NY and AT&T (2000/2003) for national (intra-state) calls and AT&T for international calls.

Table 4.1 **Call types**

	3 minutes	5 minutes	10 minutes
3 km	√	√	√
50 km	√	√	√
200 km	√	√	√

Due to the large amount of data only the 10 minute duration at weekdays 11:00 (am) is presented in this report. Other durations will follow the same pattern, except for short distance, short duration calls where countries still using unit based charging will severely disadvantage the user.

Even attempting to show data for one duration graphically in a readable form is quite difficult, and an approach with individual country graphs has been chosen. The base data is displayed in tables 4.3 to 4.5.

Wherever unit based charging is used, the price of full units will be calculated. This leads to a situation where in some countries the price does not appear to change with call duration and/or distance, but this still reflects the actual prices paid by the consumer.

4.1. Call cost summaries

The following tables show the cost of 10 minute calls at peak time for incumbent operators and close competitors in the EU countries.

³ The Default package is the tariff that a customer will get if no specific options are selected. With some operators the customer is required to select a package, and in such cases the most popular package is used, if such can be identified with the help of the NRA. There may be other packages offering lower prices.

Table 4.2a 10 minute call charges for a 3 km call at weekdays 11:00, Incumbents

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	0.495	0.495	0.495	0.544	0.544	0.561	0.572	0.572	0.572	0.583	0.601	0.616
Bulgaria	Vivacom			0.056	0.061	0.086	0.166	0.166	0.160	0.160	0.160	0.160	0.152
Czech	Telefónica O2			0.537	0.440	0.440	0.440	0.622	0.621	0.621	0.621	0.621	0.621
Denmark	TDC	0.447	0.406	0.406	0.410	0.369	0.369	0.369	0.369	0.369	0.366	0.366	0.369
Germany	Telekom	0.437	0.433	0.433	0.429	0.420	0.420	0.420	0.390	0.390	0.400	0.400	0.290
Estonia	Elion			0.137	0.250	0.250	0.250	0.250	0.248	0.250	0.248	0.248	0.227
Greece	OTE	0.180	0.208	0.312	0.364	0.307	0.307	0.307	0.309	0.309	0.309	0.309	0.309
Spain	Telefonica	0.315	0.315	0.279	0.284	0.284	0.284	0.284	0.284	0.186	0.234	0.240	0.290
France	Telecom	0.423	0.423	0.419	0.393	0.392	0.392	0.392	0.330	0.358	0.358	0.353	0.358
Ireland	Eircom	0.584	0.487	0.507	0.507	0.507	0.507	0.492	0.492	0.493	0.517	0.517	0.579
Italy	Telecom	0.236	0.236	0.252	0.252	0.252	0.252	0.252	0.222	0.222	0.222	0.222	0.222
Cyprus	CYTA			0.077	0.157	0.157	0.196	0.196	0.212	0.212	0.244	0.169	0.169
Latvia	Lattelecom			0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.361
Lithuania	TEO LT			0.260	0.347	0.347	0.347	0.388	0.388	0.388	0.388	0.388	0.388
Luxembourg	P&T	0.372	0.372	0.372	0.310	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309
Hungary	Magyar Telekom			0.358	0.358	0.358	0.422	0.422	0.422	0.405	0.405	0.405	0.161
Malta	Go						0.271	0.248	0.248	0.248	0.248	0.251	0.252
Netherlands	KPN	0.318	0.318	0.297	0.318	0.315	0.332	0.332	0.332	0.332	0.325	0.450	0.550
Austria	Telekom	0.802	0.802	0.691	0.691	0.560	0.560	0.490	0.490	0.490	0.490	0.490	0.490
Poland	Telecom			0.345	0.345	0.345	0.345	0.345	0.341	0.341	0.341	0.487	0.487
Portugal	Telecom	0.248	0.268	0.233	0.303	0.309	0.309	0.405	0.369	0.369	0.369	0.366	0.366
Romania	RomTelecom			0.228	0.368	0.331	0.331	0.345	0.345	0.321	0.321	0.225	0.225
Slovakia	Slovak Telecom			0.401	0.521	0.521	0.521	0.751	0.751	0.751	0.751	0.763	0.750
Slovenia	Telekom			0.171	0.171	0.263	0.263	0.263	0.263	0.263	0.288	0.288	0.288
Finland	TeliaSonera	0.209	0.209	0.219	0.227	0.227	0.227	0.244	0.244	0.244	0.278	0.385	0.288
Sweden	Telia	0.260	0.265	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270
UK	BT	0.448	0.448	0.448	0.448	0.448	0.448	0.340	0.341	0.341	0.369	0.454	0.596
Simple average		0.3849	0.3790	0.3290	0.3508	0.3448	0.3501	0.3639	0.3583	0.3542	0.3617	0.3737	0.3697
EU27 weighted		0.3784	0.3774	0.3615	0.3688	0.3624	0.3657	0.3607	0.3432	0.3364	0.3467	0.3698	0.3724

Prices in Euro, including VAT

Table 4.2b 10 minute call charges for a 3 km call at weekdays 11:00, Competitors

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	0.2481	0.2481	0.4628	0.5720	0.5720	0.5830	0.6500	0.6854
Bulgaria	Orbitel						0.3220	0.3221	0.3223
Czech	České Radiokomunikace			0.4914	0.4914	0.4914	0.4914	0.4914	0.4914
Denmark	Telenor	0.3291	0.3291	0.3291	0.3426	0.3560	0.3526	0.3526	0.3694
Germany	Vodafone *	0.9200	0.4501	0.4500	0.4500	0.4500	0.4500	0.4500	0.4165
Estonia	Starman		0.2288	0.2288	0.2288	0.2288	0.2672	0.2799	0.2847
Greece	Wind	0.2832	0.2832	0.2832	0.2856	0.2859	0.2860	0.2860	0.2860
Spain	Ono	0.2734	0.2535	0.2535	0.2535	0.2784	0.3579	0.3579	0.3579
France	SFR	0.2750	0.2750	0.2750	0.2350	0.2010	0.2100	0.2100	0.2100
Ireland	Vodafone	0.5451	0.4800	0.3800	0.3790	0.3790	0.3790	0.3790	0.4412
Italy	Infostrada	0.2195	0.2195	0.2195					0.1500
Cyprus	Primetel *			0.1670	0.1670	0.1670	0.1670	0.0720	0.1875
Latvia	Telecom Baltija		2.3446	2.3446	0.6866	0.7034	0.2010	0.2010	0.2061
Lithuania	Eurocom			0.3880	0.3185	0.3185	0.3185	0.3909	0.3387
Luxembourg	Tango	0.2900	0.2898	0.2898	0.2800	0.2800	0.2800	0.2800	0.2800
Hungary	Invitel		0.5872	0.5872	0.4000	0.3627	0.3627	0.3627	0.4366
Malta	Melita *								0.1204
Netherlands	Tele2 *	0.2890	0.2890	0.2900	0.2900	0.2900	0.2660	0.2860	0.5400
Austria	Tele2	0.5600	0.5600	0.5520	0.4900	0.4900	0.4600	0.4600	0.4600
Poland	Netia *	0.3448	0.3448	0.3567	0.3418	0.3418	0.3143	0.3655	0.7066
Portugal	Sonaecom *	0.7100	0.7100	0.3560	0.3619	0.3691	0.3849	0.5000	0.5000
Romania	RCS&RDS					0.1190	0.1190	0.1190	0.1190
Slovakia	GTS Slovakia *				0.7426	0.7110	0.7103	0.7103	0.5940
Slovenia	T-2					0.2212	0.1250	0.1250	0.1250
Finland	Elisa	0.2400	0.2200	0.2200	0.2200	0.2200	0.2400	0.2400	0.2400
Sweden	Tele2	0.2402	0.2402	0.2598	0.2598	0.2598	0.2539	0.2539	0.2539
UK	Virgin	0.3964	0.3964	0.3975	0.3975	0.3975	0.4089	0.5338	0.8335
Simple average		0.3852	0.4605	0.4355	0.3724	0.3539	0.3324	0.3472	0.3687
EU27 weighted		0.4307	0.3544	0.3547	0.3597	0.3438	0.3486	0.3761	0.4162

Prices in Euro, including VAT. Operators marked * have changed since last year.

For information about monthly rental see chapter 6.

Local calls are free with Wind, Italy.

Tele2, Sweden, has changed from per second to per minute billing.

Table 4.3a 10 minute call charges for a 50 km call at weekdays 11:00, Incumbents

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	1.737	1.737	1.737	0.544	0.544	0.561	0.572	0.572	0.572	0.583	0.601	0.616
Bulgaria	Vivacom			1.129	0.920	0.859	0.552	0.552	0.313	0.313	0.497	0.497	0.497
Czech	Telefónica O2			1.610	2.583	2.583	2.583	1.623	1.254	0.621	0.621	0.621	0.621
Denmark	TDC	0.662	0.635	0.541	0.410	0.369	0.369	0.369	0.369	0.369	0.366	0.366	0.369
Germany	Telekom	1.498	1.238	1.238	1.227	1.230	1.219	1.199	0.490	0.490	0.510	0.510	0.290
Estonia	Elion			0.709	0.249	0.250	0.250	0.250	0.248	0.250	0.248	0.248	0.227
Greece	OTE	2.116	1.558	1.402	0.364	0.307	0.767	0.732	0.738	0.738	0.738	0.738	0.738
Spain	Telefonica	1.536	1.150	1.042	0.959	0.609	0.542	0.542	0.542	0.542	0.562	0.577	0.290
France	Telecom	1.452	1.452	1.194	0.965	0.962	0.962	0.962	0.834	0.885	0.845	0.775	0.775
Ireland	Eircom	1.314	1.269	0.937	0.937	0.937	0.817	0.817	0.817	0.817	0.857	0.857	0.916
Italy	Telecom	2.164	1.692	1.724	1.442	1.225	1.225	1.148	1.148	1.148	1.148	1.148	1.148
Cyprus	CYTA			0.609	0.393	0.393	0.196	0.196	0.212	0.212	0.244	0.169	0.169
Latvia	Latt telecom			1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.048
Lithuania	TEO LT			1.073	1.158	1.158	1.158	0.793	0.793	0.793	0.793	0.793	0.793
Luxembourg	P&T	0.372	0.372	0.372	0.310	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309
Hungary	Magyar Telekom			0.633	0.633	0.633	0.840	0.840	0.840	0.807	0.807	0.807	1.116
Malta	Go						0.271	0.248	0.248	0.248	0.248	0.251	0.252
Netherlands	KPN	0.703	0.635	0.425	0.479	0.478	0.491	0.491	0.491	0.491	0.325	0.450	0.550
Austria	Telekom	0.802	0.802	0.691	0.691	0.670	0.670	0.490	0.490	0.490	0.490	0.490	0.490
Poland	Telecom			1.427	1.189	1.189	1.189	1.189	1.243	1.243	1.243	0.487	0.975
Portugal	Telecom	0.992	0.966	0.905	0.742	0.755	0.653	0.524	0.369	0.655	0.655	0.649	0.649
Romania	RomTelecom			1.370	1.228	1.104	1.104	0.714	0.643	0.595	0.595	0.225	0.225
Slovakia	Slovak Telecom			1.204	1.469	1.469	1.469	1.620	1.541	1.620	1.620	1.627	1.620
Slovenia	Telekom			0.171	0.171	0.263	0.263	0.263	0.263	0.263	0.288	0.288	0.288
Finland	TeliaSonera	0.839	0.864	0.871	0.876	0.876	0.876	0.900	0.940	0.940	0.954	0.954	0.954
Sweden	Telia	0.529	0.412	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270
UK	BT	0.898	0.898	0.898	0.898	0.898	0.898	0.340	0.341	0.341	0.369	0.454	0.596
Simple average		1.1744	1.0455	0.9693	0.8511	0.8216	0.7973	0.7028	0.6422	0.6312	0.6372	0.5994	0.6218
EU27 weighted		1.4189	1.2263	1.1739	1.0436	0.9778	0.9764	0.8514	0.7046	0.7021	0.7037	0.6374	0.6400

Prices in Euro, including VAT

Table 4.3b 10 minute call charges for a 50 km call at weekdays 11:00, Competitors

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	0.2481	0.2481	0.4628	0.5720	0.5720	0.5830	0.6500	0.6854
Bulgaria	Orbitel						0.3220	0.3221	0.3223
Czech	České Radiokomunikace			0.7430	0.7430	0.4914	0.4914	0.4914	0.4914
Denmark	Telenor	0.3291	0.3291	0.3291	0.3426	0.3560	0.3526	0.3526	0.3694
Germany	Vodafone *	0.9200	0.9200	0.9200	0.9200	0.9200	0.9200	0.4500	0.4165
Estonia	Starman		0.2288	0.2288	0.2288	0.2288	0.2672	0.2799	0.2847
Greece	Wind	0.2832	0.5900	0.5900	0.5950	0.5950	0.6190	0.5240	0.6190
Spain	Ono	0.8018	0.4562	0.5626	0.5200	0.4454	0.5421	0.5421	0.5421
France	SFR	0.5183	0.5183	0.5183	0.2350	0.3900	0.4200	0.4200	0.4200
Ireland	Vodafone	0.9851	0.4800	0.3800	0.3790	0.3790	0.3790	0.3790	0.4412
Italy	Infostrada	1.0495	1.0540	1.0540	0.1850	0.1850	0.1850	0.1850	0.1500
Cyprus	Primetel *			0.1670	0.1670	0.1670	0.1670	0.0720	0.1875
Latvia	Telecom Baltija		2.3446	2.3446	0.9719	0.9886	0.2010	0.2010	0.2061
Lithuania	Eurocom			0.7933	0.6369	0.6369	0.6080	0.7441	0.7441
Luxembourg	Tango	0.2900	0.2898	0.2898	0.2800	0.2800	0.2800	0.2800	0.2800
Hungary	Invitel		0.7798	0.7798	0.6752	0.6453	0.6453	0.6453	0.7196
Malta	Melita *								0.1204
Netherlands	Tele2 *	0.4290	0.4290	0.3890	0.3890	0.3890	0.3850	0.3950	0.5400
Austria	Tele2	0.5600	0.5600	0.5520	0.4900	0.4900	0.4600	0.4600	0.4600
Poland	Netia *	1.4268	1.4268	0.9809	1.0850	1.0850	1.1427	1.0721	0.7066
Portugal	Sonaeom *	1.0650	1.0650	0.5106	0.5195	0.6547	0.6547	0.5000	0.5000
Romania	RCS&RDS					0.1190	0.1190	0.1190	0.1190
Slovakia	GTS Slovakia *				1.3035	1.1060	1.1054	1.1054	0.5940
Slovenia	T-2					0.2212	0.1250	0.1250	0.1250
Finland	Elisa	0.9200	0.9200	0.9200	0.9200	0.9200	0.9800	0.9838	0.9838
Sweden	Tele2	0.2402	0.2402	0.2598	0.2598	0.2598	0.2539	0.2539	0.2539
UK	Virgin	0.3964	0.3964	0.3975	0.3975	0.3975	0.4089	0.5338	0.8335
Simple average		0.6539	0.6987	0.6442	0.5572	0.5169	0.4853	0.4649	0.4487
EU27 weighted		0.7590	0.7338	0.6975	0.5503	0.5385	0.5503	0.4803	0.4840

Prices in Euro, including VAT. Operators marked * have changed since last year.

For information about monthly rental see chapter 6.

Tele2, Sweden, has changed from per second to per minute billing.

Table 4.4a 10 minute call charges for a 200 km call at weekdays 11:00, Incumbents

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	1.737	1.737	1.737	0.544	0.544	0.561	0.572	0.572	0.572	0.583	0.601	0.616
Bulgaria	Vivacom			1.411	1.472	1.288	1.104	1.104	0.681	0.681	0.497	0.497	0.497
Czech	Telefónica O2			1.610	2.712	2.712	2.583	1.623	1.254	0.621	0.621	0.621	0.621
Denmark	TDC	0.662	0.635	0.541	0.410	0.369	0.369	0.369	0.369	0.369	0.366	0.366	0.369
Germany	Telekom	2.933	1.857	1.238	1.227	1.230	1.219	1.199	0.490	0.490	0.510	0.510	0.290
Estonia	Elion			0.710	0.250	0.250	0.250	0.250	0.248	0.250	0.248	0.248	0.227
Greece	OTE	3.151	2.784	1.402	0.982	0.767	0.767	0.732	0.738	0.738	0.738	0.738	0.738
Spain	Telefonica	3.546	2.645	1.848	1.597	0.956	0.883	0.883	0.845	0.846	0.877	0.901	0.951
France	Telecom	1.747	1.526	1.194	0.965	0.962	0.962	0.962	0.834	0.885	0.845	0.775	0.775
Ireland	Eircom	2.043	1.269	0.937	0.937	0.937	0.817	0.817	0.817	0.817	0.857	0.857	0.916
Italy	Telecom	2.164	1.692	1.724	1.442	1.225	1.225	1.148	1.148	1.148	1.148	1.148	1.148
Cyprus	CYTA			0.609	0.393	0.393	0.196	0.196	0.212	0.212	0.244	0.169	0.169
Latvia	Lattelecom			1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.022	1.048
Lithuania	TEO LT			1.073	1.199	1.199	1.158	0.793	0.793	0.793	0.793	0.793	0.793
Luxembourg	P&T						0.309	0.309					
Hungary	Magyar Telekom			1.266	1.266	1.266	1.116	1.116	1.116	1.071	1.071	1.071	1.116
Malta	Go						0.271	0.248					
Netherlands	KPN	0.703	0.635	0.425	0.479	0.478	0.491	0.491	0.491	0.491	0.325	0.450	0.550
Austria	Telekom	2.302	2.302	2.302	0.767	0.670	0.670	0.590	0.590	0.590	0.590	0.590	0.590
Poland	Telecom			1.427	1.189	1.189	1.189	1.189	1.243	1.243	1.243	0.487	0.975
Portugal	Telecom	2.530	2.148	1.284	1.126	1.146	0.959	0.649	0.655	0.655	0.655	0.649	0.649
Romania	RomTelecom			1.370	1.228	1.104	1.104	0.714	0.643	0.595	0.595	0.225	0.225
Slovakia	Slovak Telecom			1.927	1.469	1.469	1.469	1.620	1.541	1.620	1.620	1.627	1.620
Slovenia	Telekom			0.171	0.171	0.263	0.263	0.263	0.263	0.263	0.288	0.288	0.288
Finland	TeliaSonera	0.839	0.864	0.871	0.876	0.876	0.876	0.900	0.940	0.940	0.954	0.954	0.954
Sweden	Telia	0.529	0.412	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270
UK	BT	0.898	0.898	0.898	0.898	0.898	0.898	0.340	0.341	0.341	0.369	0.454	0.596
Simple average		1.8418	1.5289	1.1706	0.9956	0.9393	0.8519	0.7544	0.7245	0.7008	0.6931	0.6524	0.6796
EU27 weighted		2.1084	1.6387	1.3087	1.1505	1.0513	1.0281	0.9009	0.7521	0.7434	0.7404	0.6747	0.7031

Prices in Euro, including VAT

Table 4.4b 10 minute call charges for a 200 km call at weekdays 11:00, Competitors

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	0.2481	0.2481	0.4628	0.5720	0.5720	0.5830	0.6500	0.6854
Bulgaria	Orbitel						0.3220	0.3221	0.3223
Czech	České Radiokomunikace			0.7430	0.7430	0.4914	0.4914	0.4914	0.4914
Denmark	Telenor	0.3291	0.3291	0.3291	0.3426	0.3560	0.3526	0.3526	0.3694
Germany	Vodafone *	0.9200	0.9200	0.9200	0.9200	0.9200	0.9200	0.9200	0.4165
Estonia	Starman		0.2288	0.2288	0.2288	0.2288	0.2672	0.2799	0.2847
Greece	Wind	0.5900	0.5900	0.5900	0.5950	0.5950	0.6190	0.5240	0.6190
Spain	Ono	1.4990	0.7323	0.8874	0.8448	0.7482	0.8448	0.8448	0.8448
France	SFR	0.5183	0.5183	0.5183	0.2350	0.3900	0.4200	0.4200	0.4200
Ireland	Vodafone	0.9851	0.4800	0.3800	0.3790	0.3790	0.3790	0.3790	0.4412
Italy	Infostrada	1.0495	1.0540	1.0540	0.1850	0.1850	0.1850	0.1850	0.1500
Cyprus	Primetel *			0.1670	0.1670	0.1670	0.1670	0.0720	0.1875
Latvia	Telecom Baltija		2.3446	2.3446	0.9719	0.9886	0.2010	0.2010	0.2061
Lithuania	Eurocom			0.7933	0.6369	0.6369	0.6080	0.7441	0.7441
Luxembourg	Tango								
Hungary	Invitel		1.1835	1.1835	0.6752	0.6453	0.6453	0.6453	0.7196
Malta	Melita *								
Netherlands	Tele2 *	0.4290	0.4290	0.3890	0.3890	0.3890	0.3850	0.3950	0.5400
Austria	Tele2	0.5600	0.5600	0.5520	0.4900	0.4900	0.5600	0.5600	0.5600
Poland	Netia *	1.6646	1.6646	0.9809	1.0850	1.0850	1.1427	1.0721	0.7066
Portugal	SonaeCom *	1.1880	1.1880	0.6315	0.6424	0.6547	0.6547	0.5000	0.5000
Romania	RCS&RDS					0.1190	0.1190	0.1190	0.1190
Slovakia	GTS Slovakia *				1.3035	1.1060	1.1054	1.1054	0.5940
Slovenia	T-2					0.2212	0.1250	0.1250	0.1250
Finland	Elisa	0.9200	0.9200	0.9200	0.9200	0.9200	0.9800	0.9838	0.9838
Sweden	Tele2	0.2402	0.2402	0.2598	0.2598	0.2598	0.2539	0.2539	0.2539
UK	Virgin	0.3964	0.3964	0.3975	0.3975	0.3975	0.4089	0.5338	0.8335
Simple average		0.7691	0.7793	0.7016	0.5902	0.5394	0.5096	0.5072	0.4847
EU27 weighted		0.8650	0.7948	0.7417	0.5852	0.5670	0.5800	0.5872	0.5140

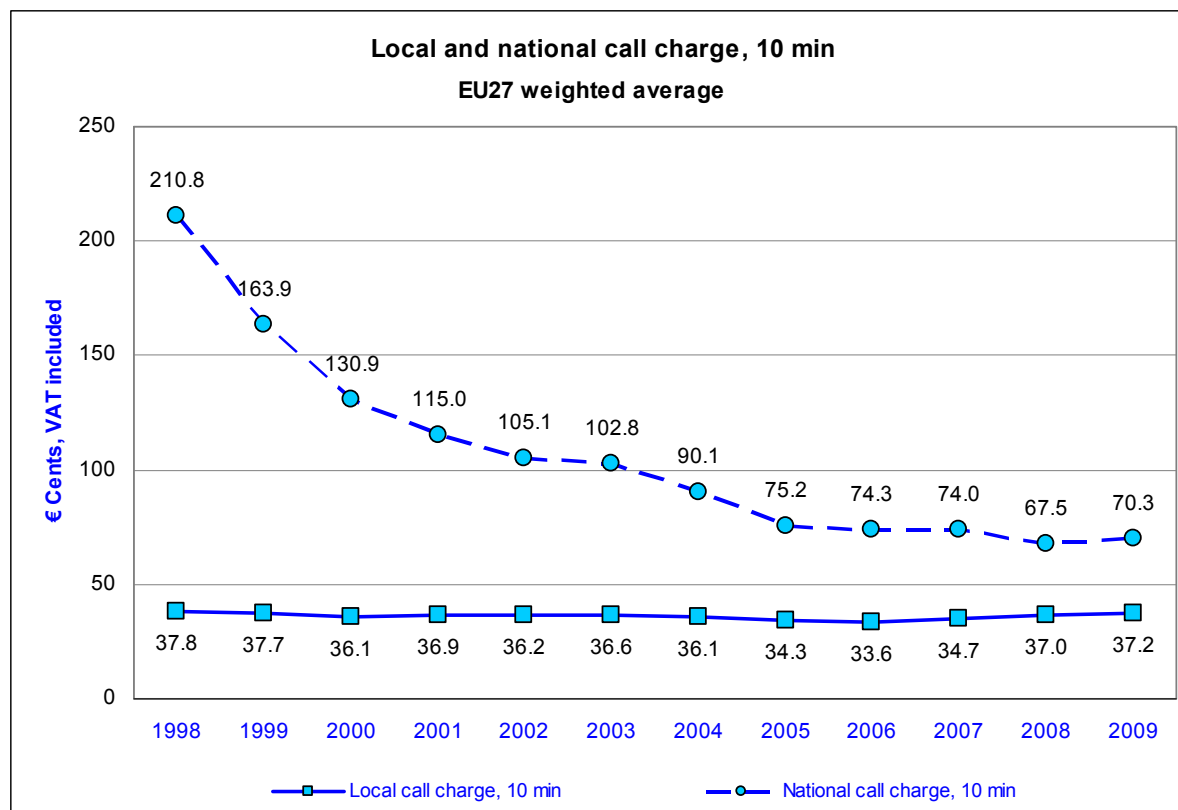
Prices in Euro, including VAT. Operators marked * have changed since last year.

For information about monthly rental see chapter 6.

Tele2, Sweden, has changed from per second to per minute billing.

The development of the EU27 weighted average over the period is shown in the graph below for local (3 km) and National (200 km) calls.

Figure 4.1 EU27 weighted average price for a local and a national 10 minute call



4.2. Individual country graphs

The following graphs show the price development of the incumbent operator in each country, for calls over 3, 50 and 200 km. For some graphs the lines will merge at some point(s). This may happen when for example there is a tariff structure change from separate local and national call prices to the same (local) price for the entire country (Belgium just below is a good example).

All graphs show prices as of 11:00 on a weekday.

Figure 4.2 10 minute call charges, Belgium

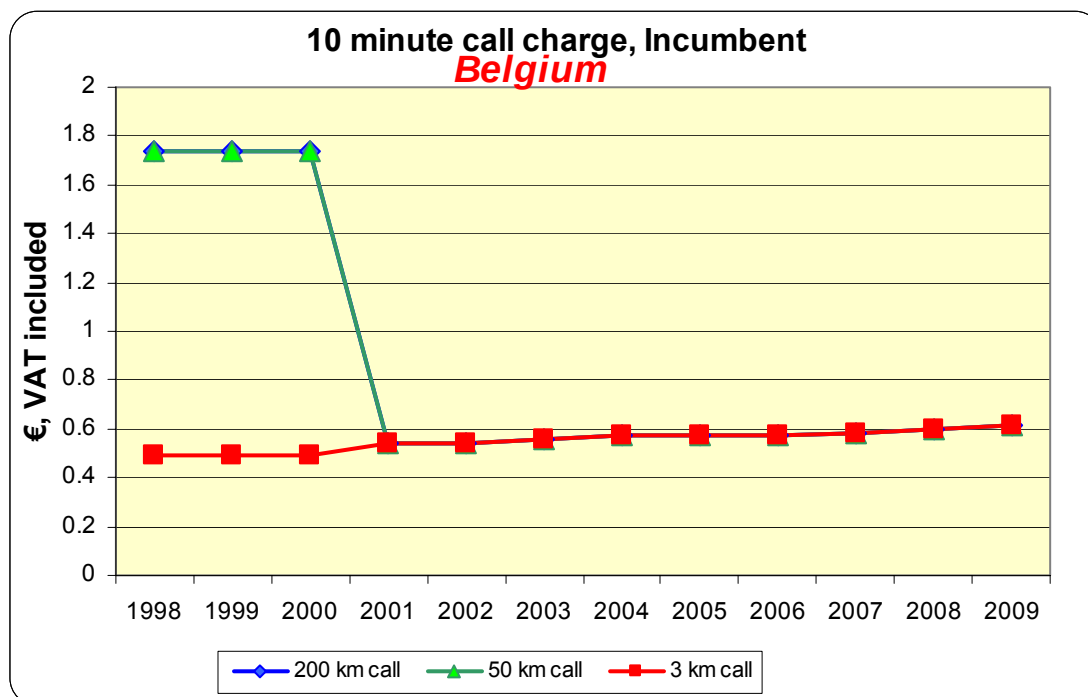


Figure 4.3 10 minute call charges, Bulgaria

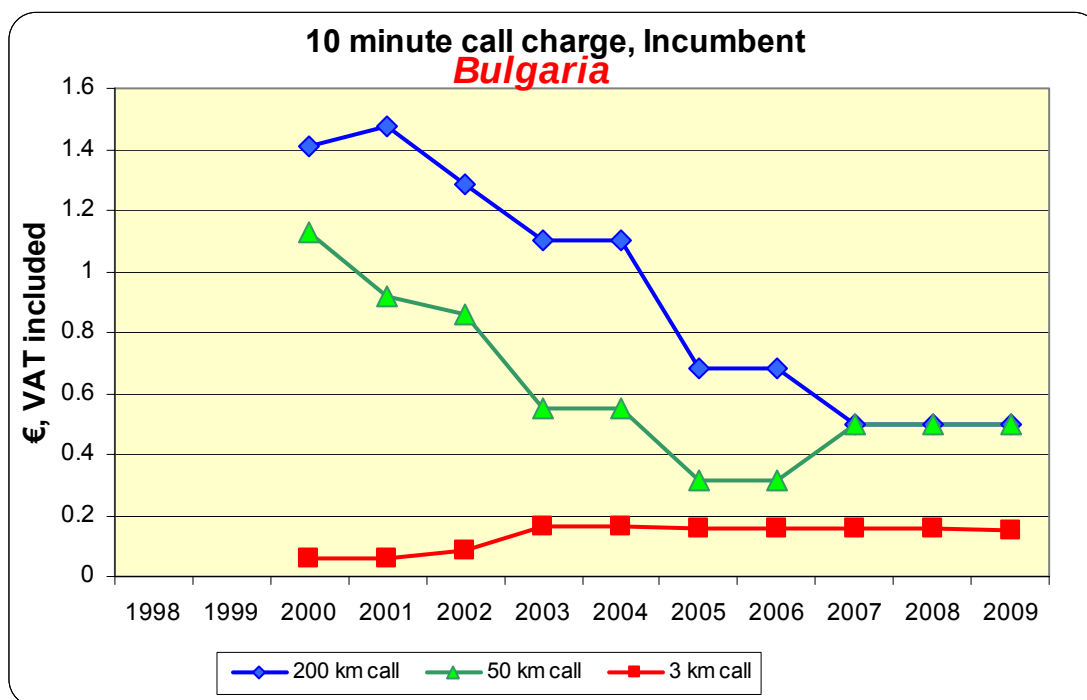


Figure 4.4 10 minute call charges, Czech Republic

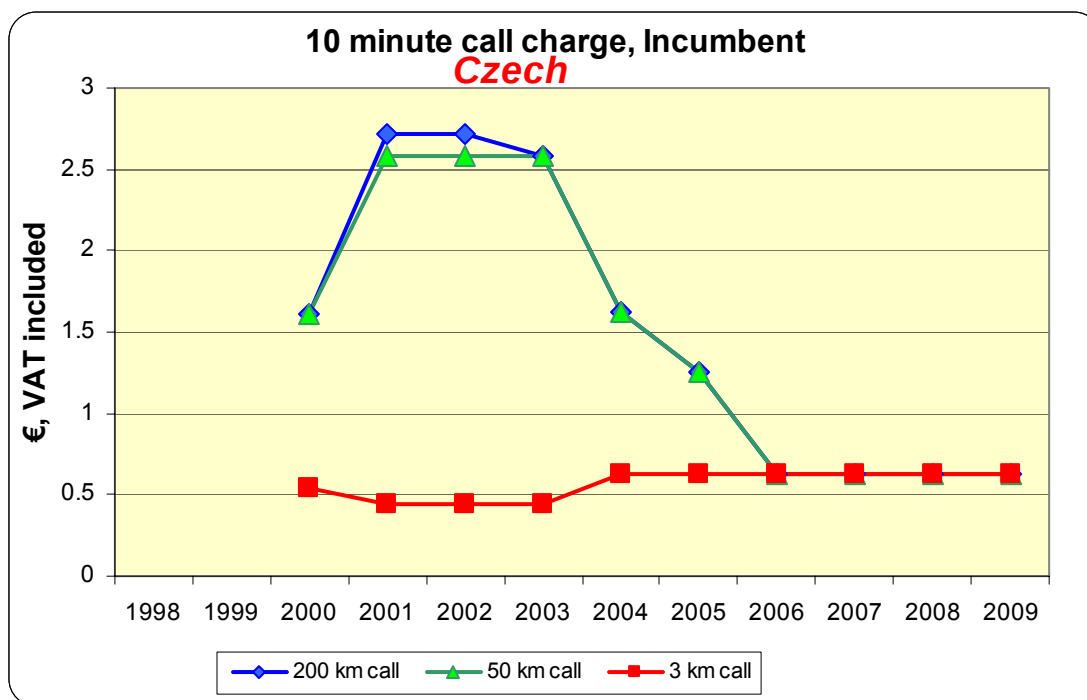


Figure 4.5 10 minute call charges, Denmark

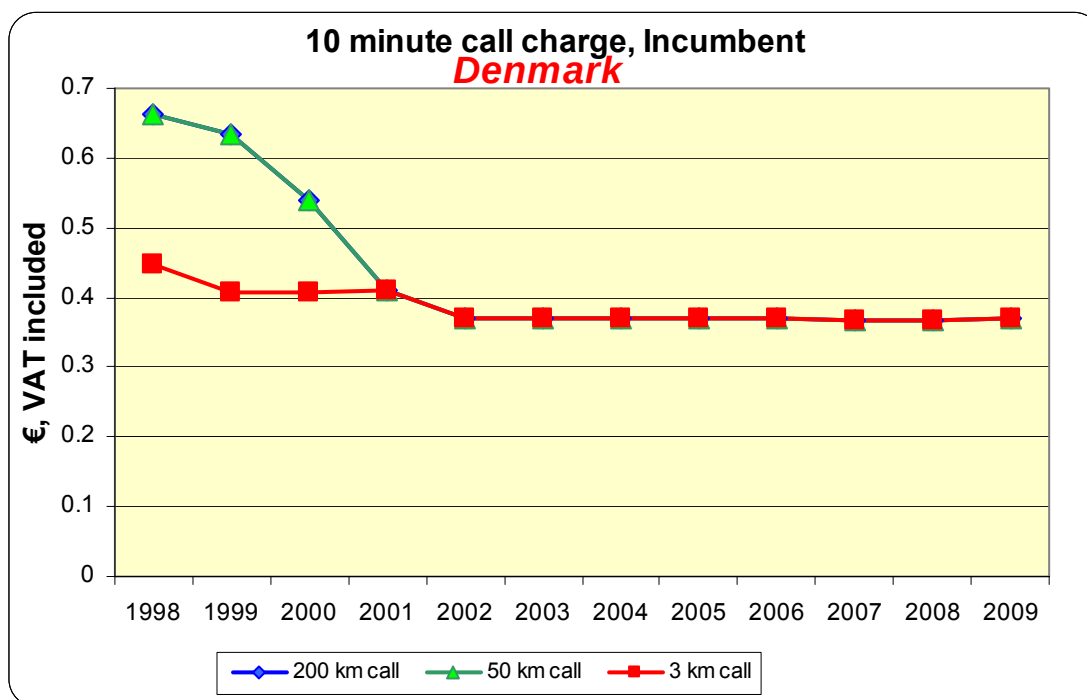


Figure 4.6 10 minute call charges, Germany

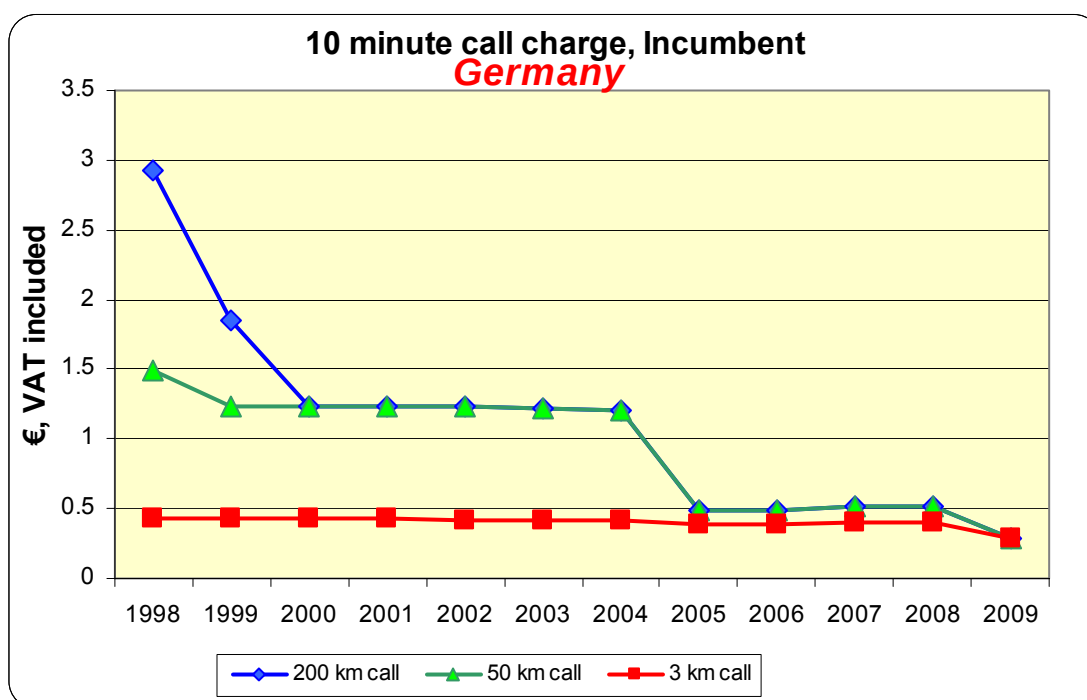


Figure 4.7 10 minute call charges, Estonia

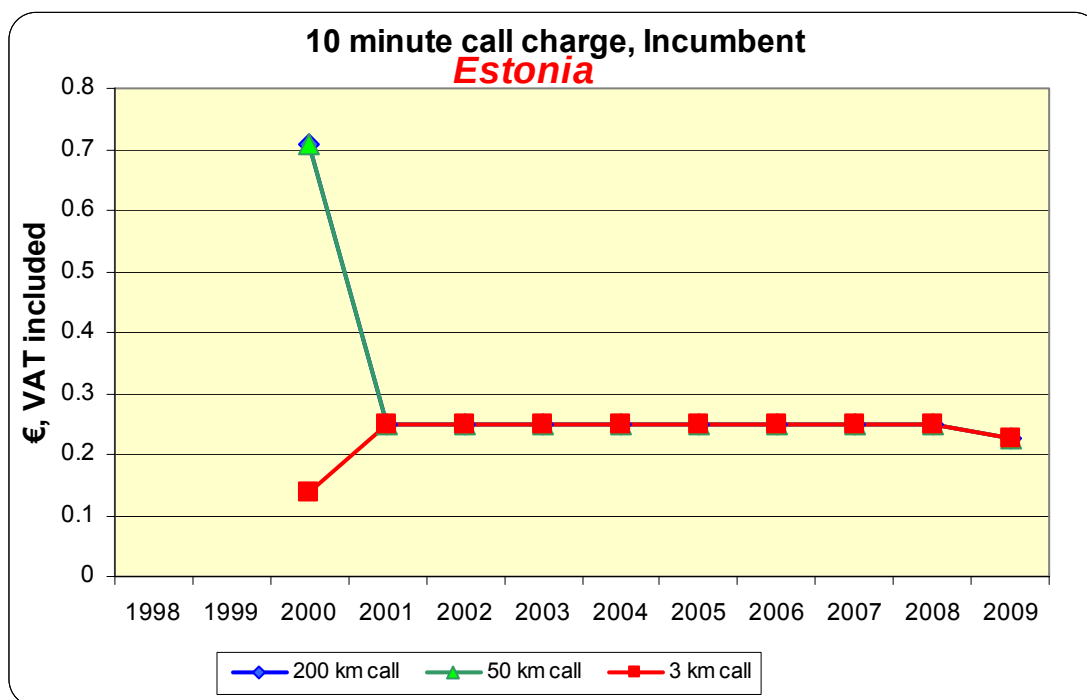


Figure 4.8 10 minute call charges, Greece

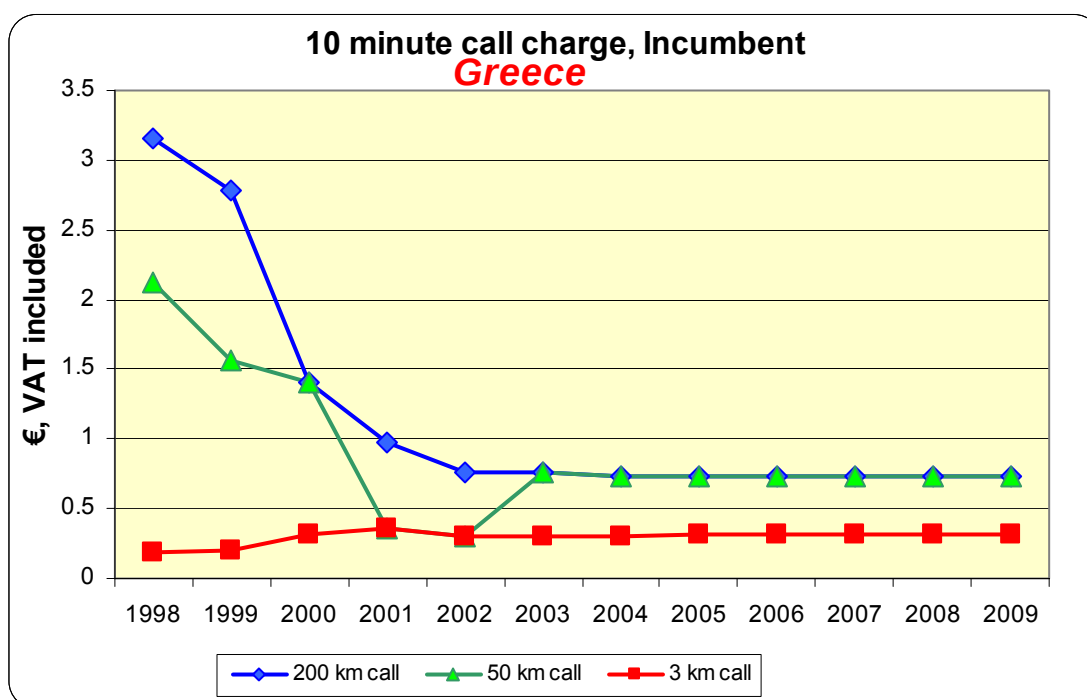


Figure 4.9 10 minute call charges, Spain

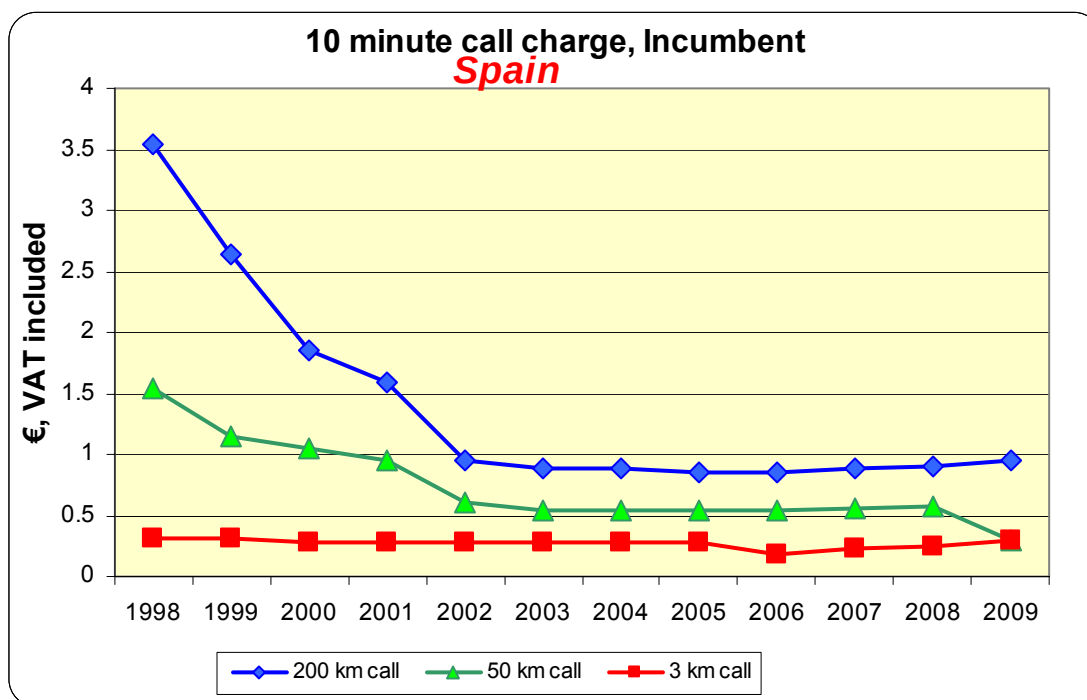


Figure 4.10 10 minute call charges, France

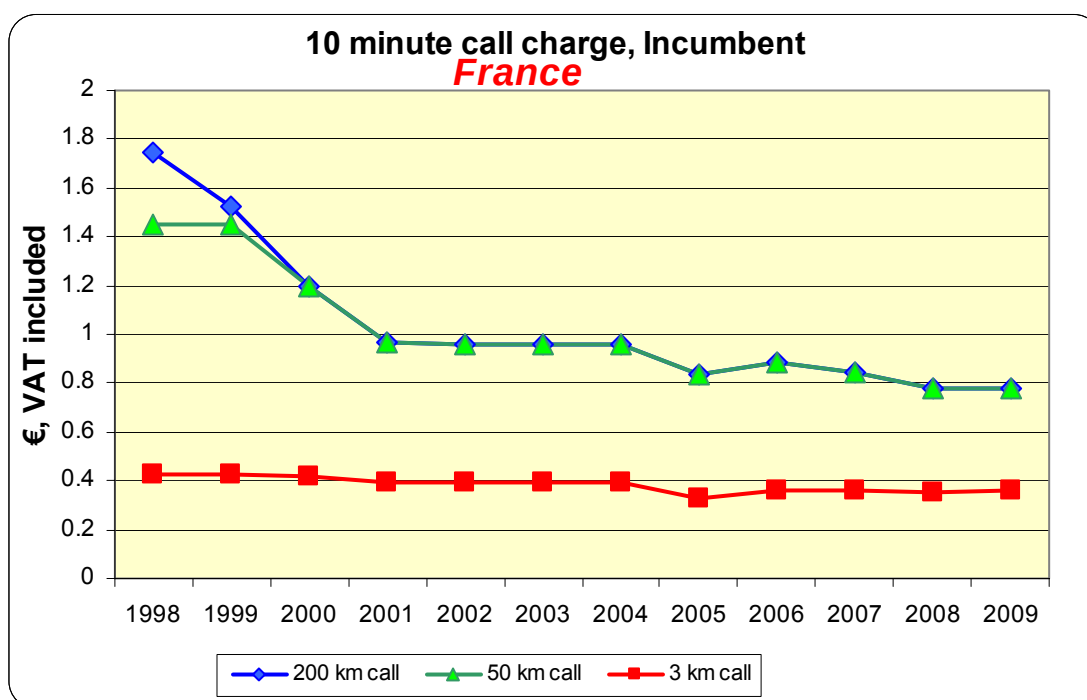


Figure 4.11 10 minute call charges, Ireland

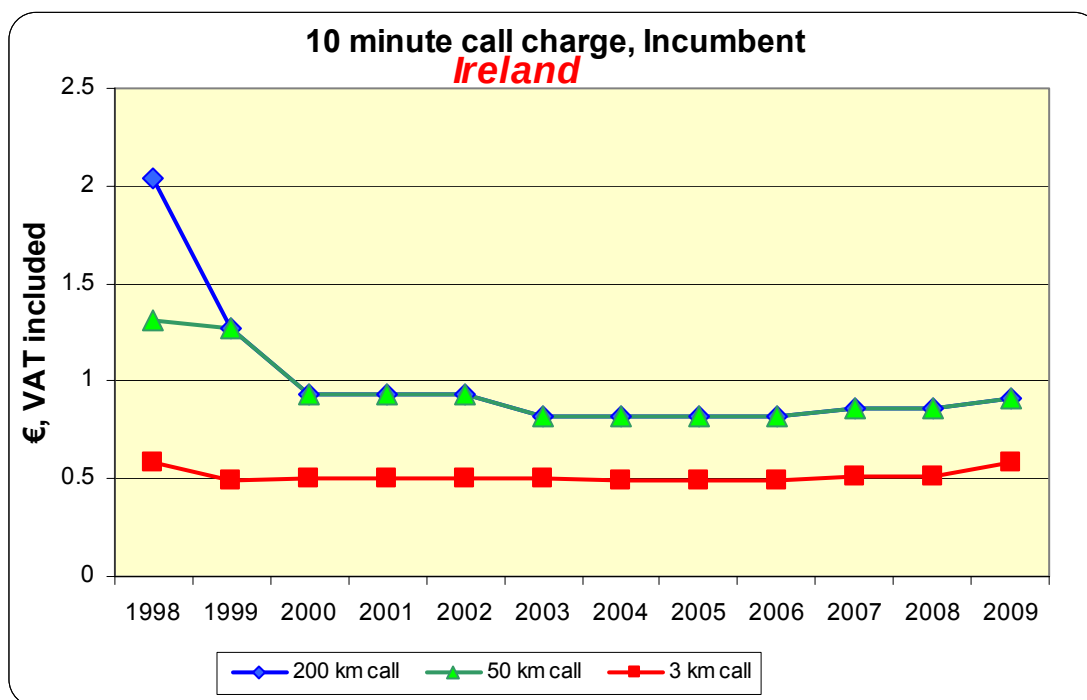


Figure 4.12 10 minute call charges, Italy

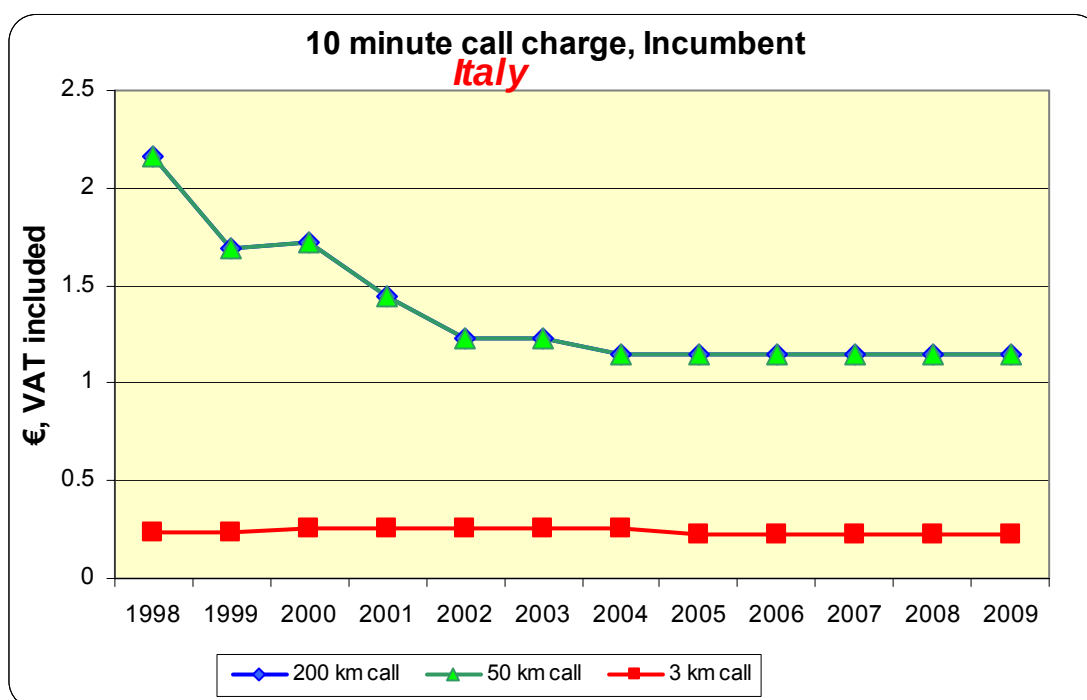


Figure 4.13 10 minute call charges, Cyprus

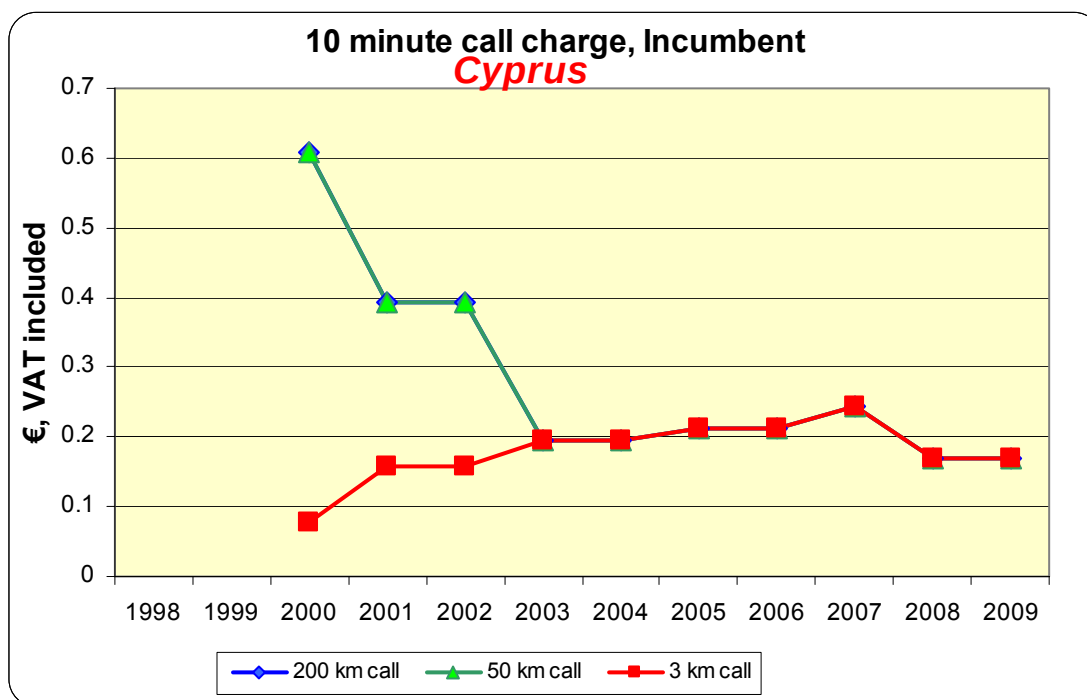


Figure 4.14 10 minute call charges, Latvia

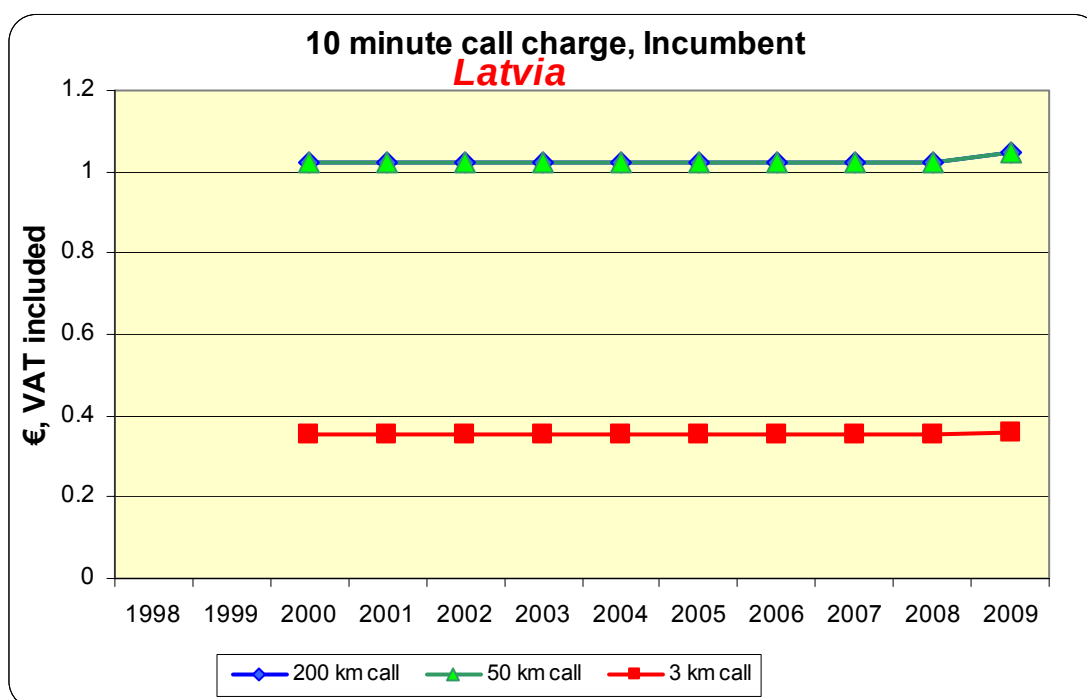


Figure 4.15 10 minute call charges, Lithuania

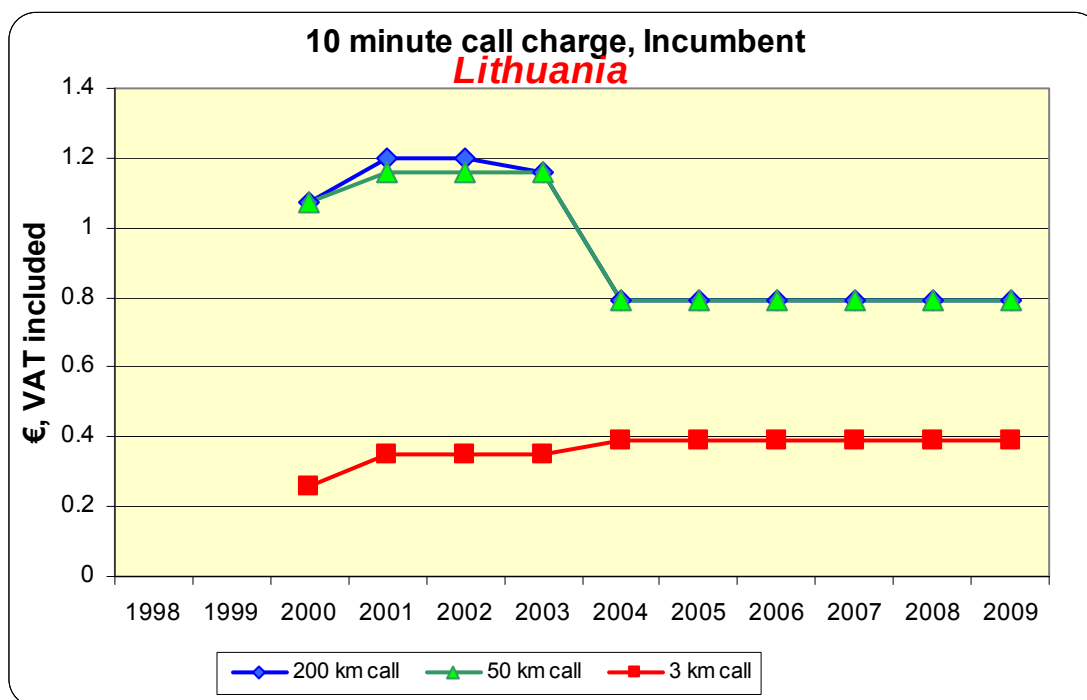


Figure 4.16 10 minute call charges, Luxembourg

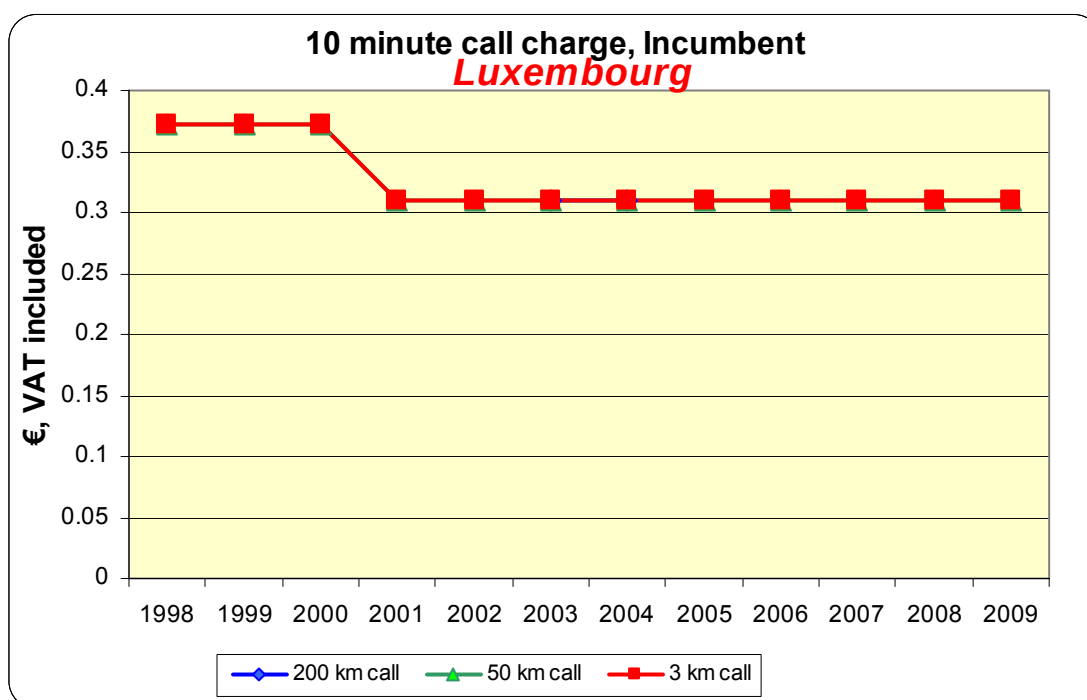


Figure 4.17 10 minute call charges, Hungary

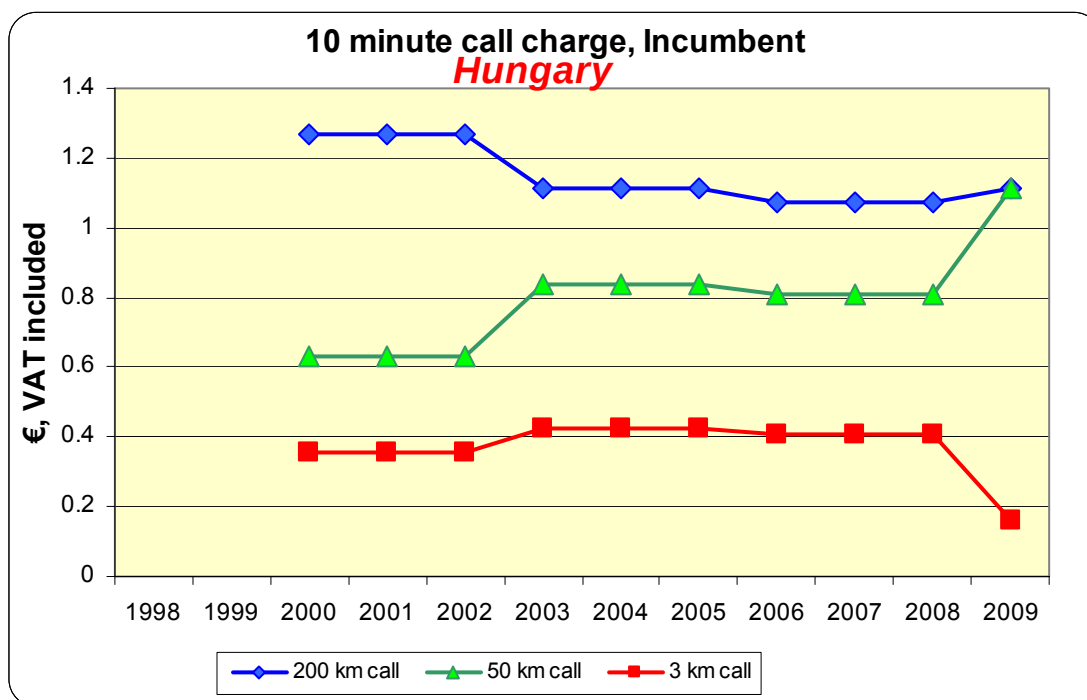


Figure 4.18 10 minute call charges, Malta

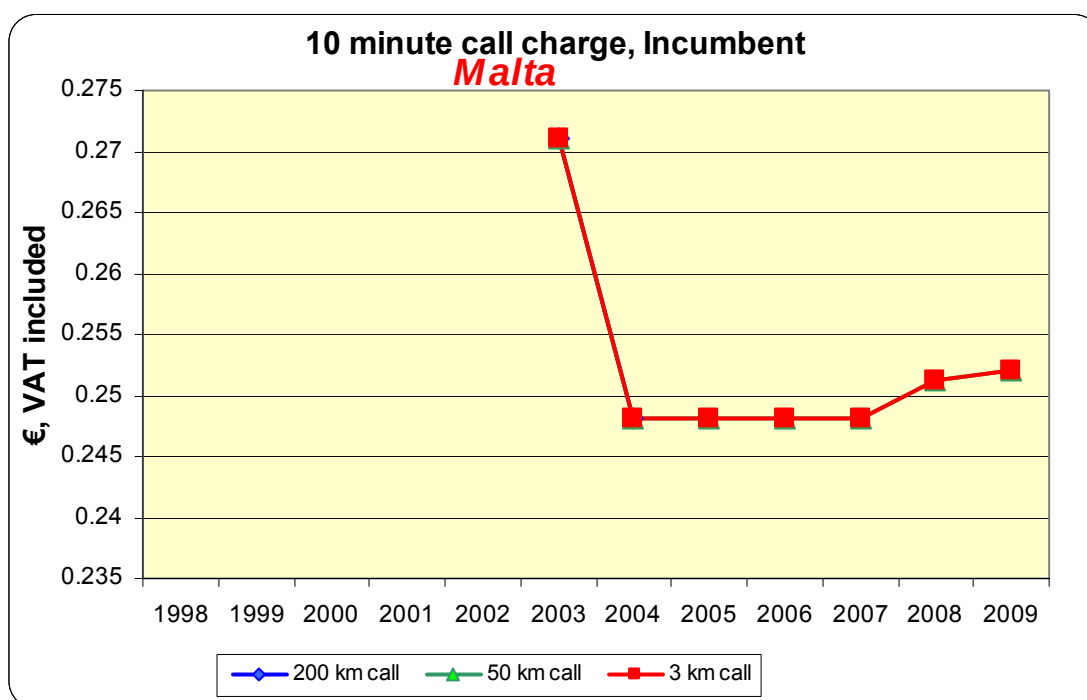
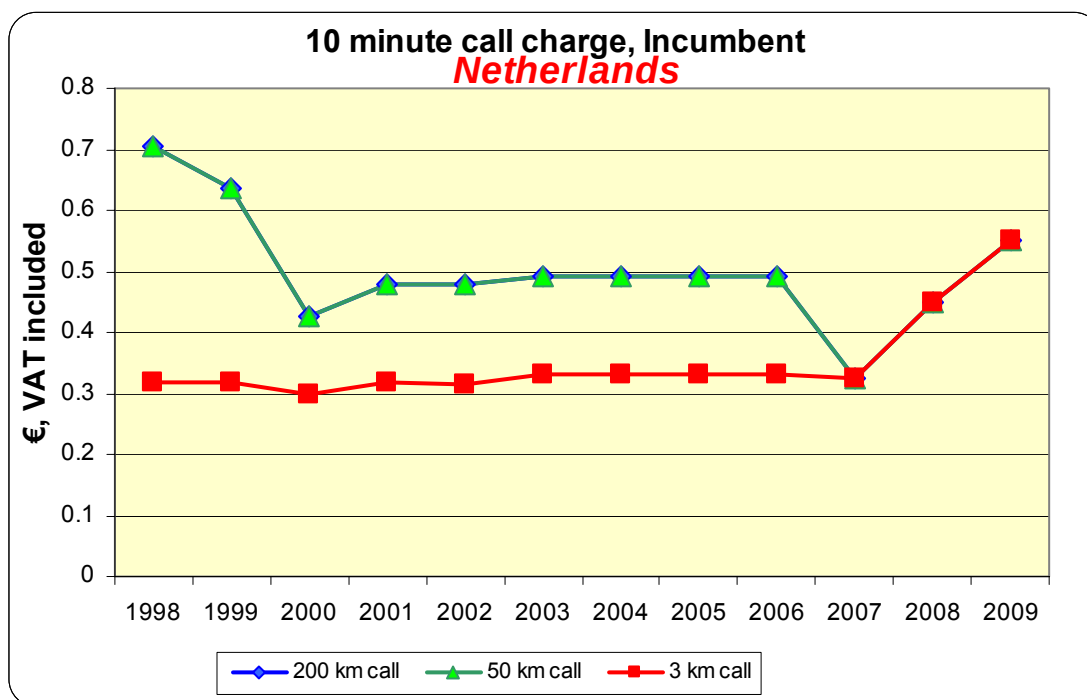
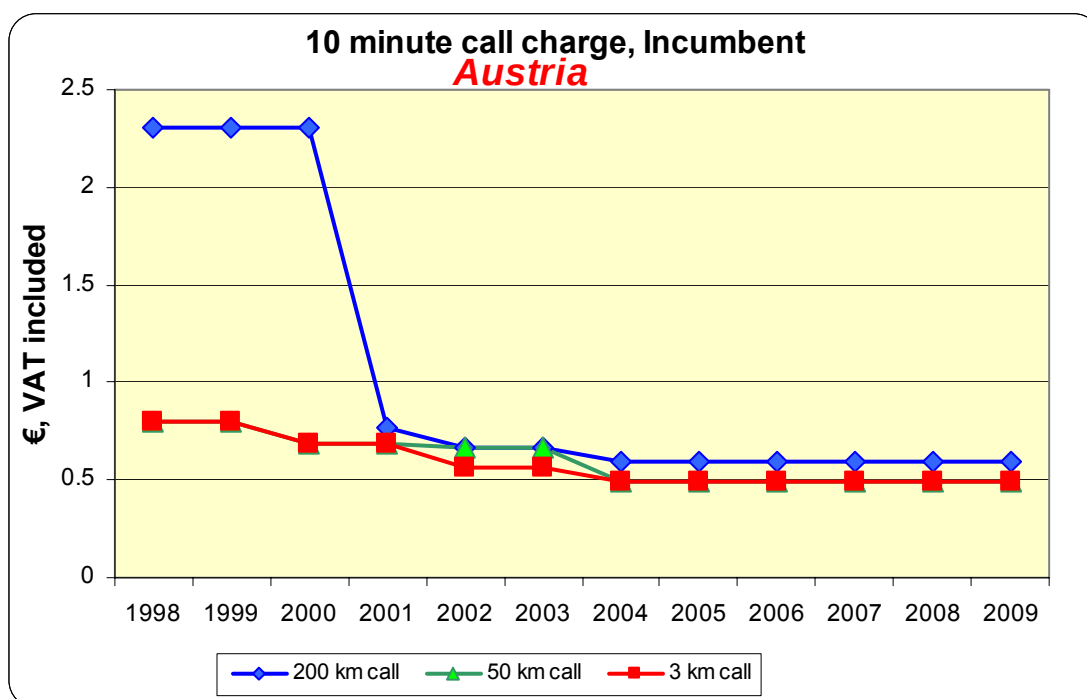


Figure 4.19 10 minute call charges, Netherlands



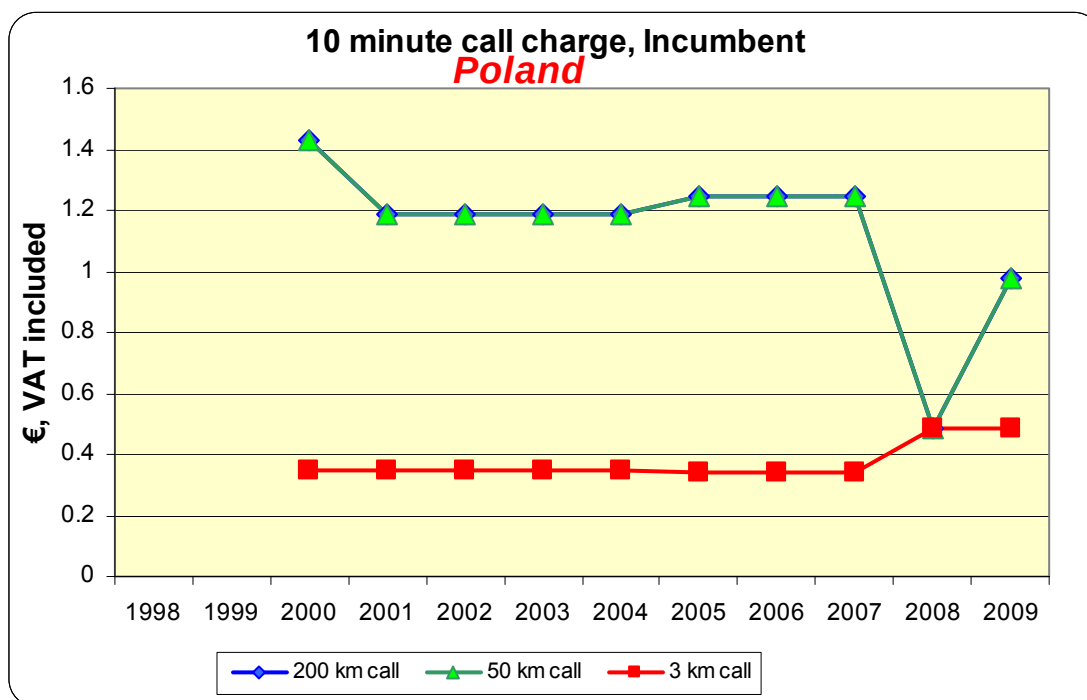
Note: Package shown up until 2006 is BelBasis, from 2007 BelVrij Weekend

Figure 4.20 10 minute call charge, Austria



Note: The default tariff for Telekom Austria changed from "Standard" to "TikTak Privat" in 2001.

Figure 4.21 10 minute call charges, Poland



Note: The default tariff for Poland since 2005 is Plan tp 60 minut za darmo

Figure 4.22 10 minute call charges, Portugal

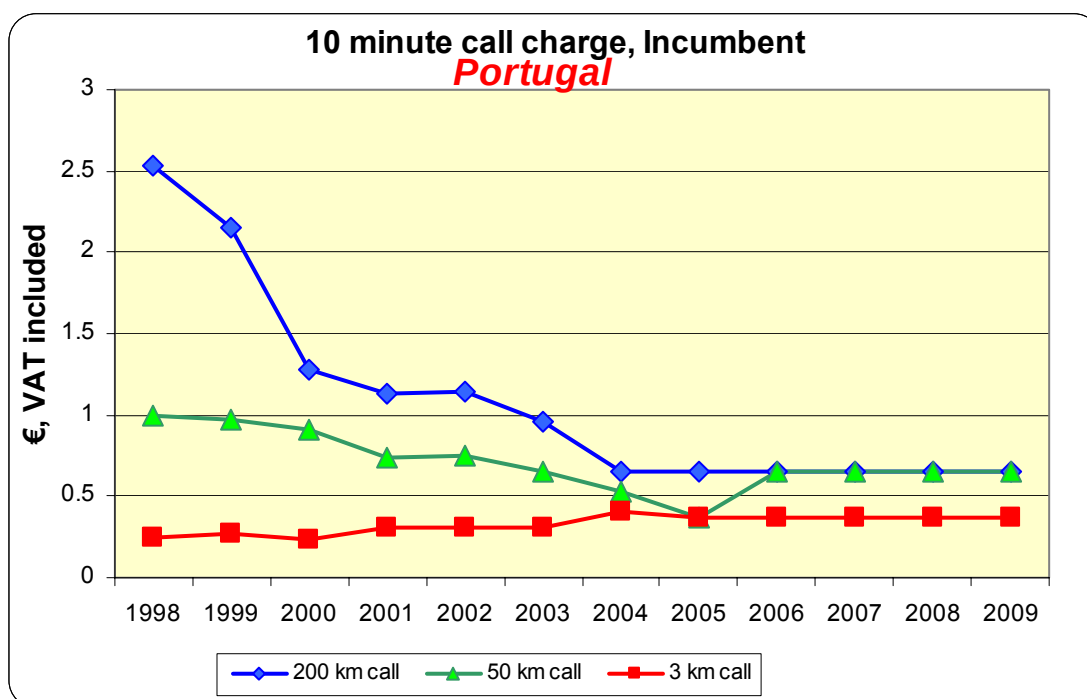


Figure 4.23 10 minute call charges, Romania

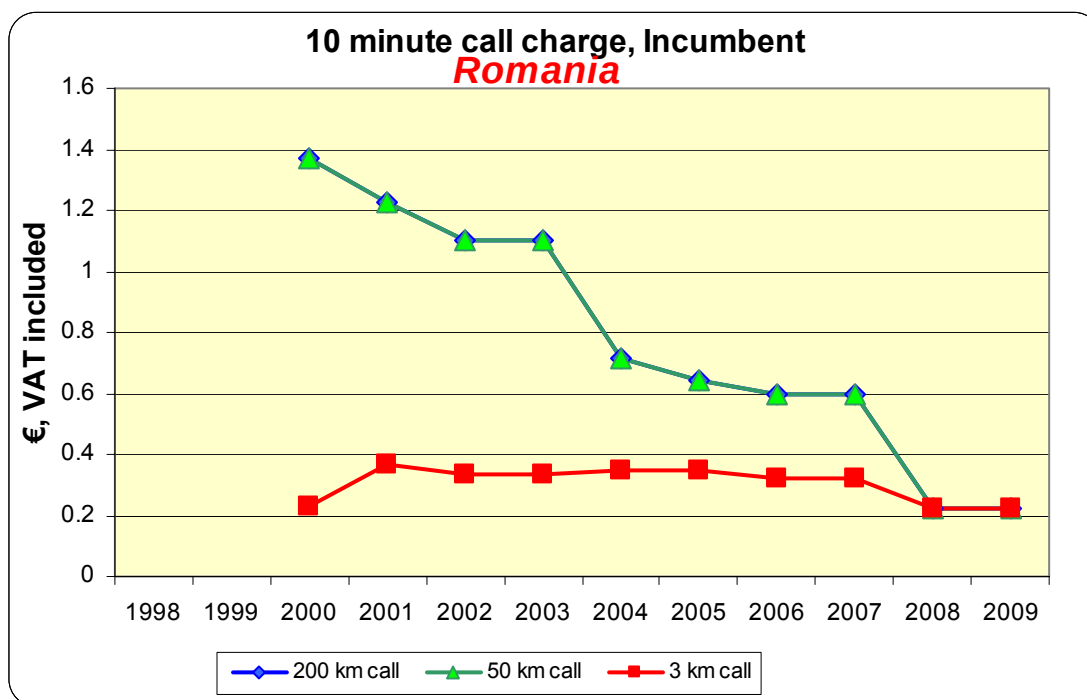


Figure 4.24 10 minute call charges, Slovak Republic

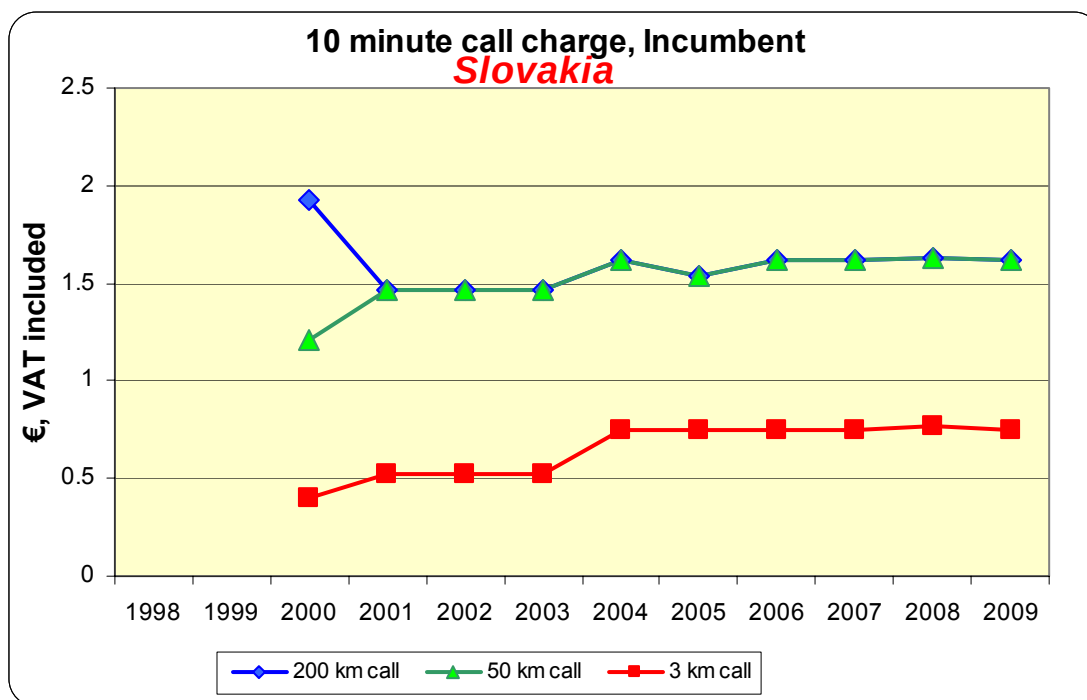


Figure 4.25 10 minute call charges, Slovenia

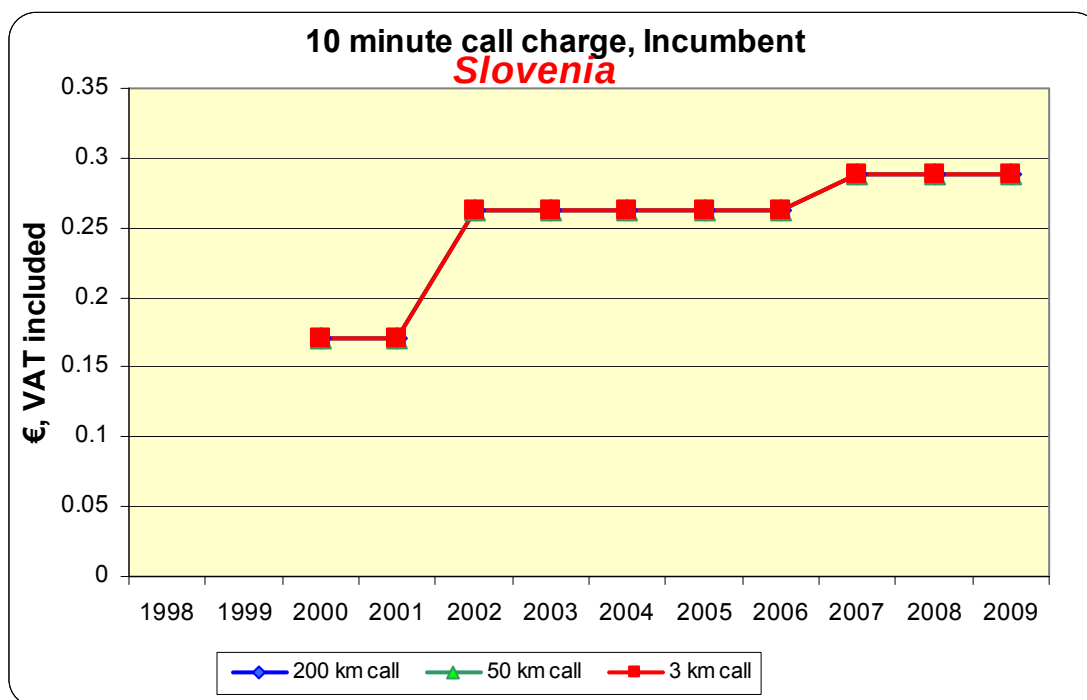


Figure 4.26 10 minute call charges, Finland

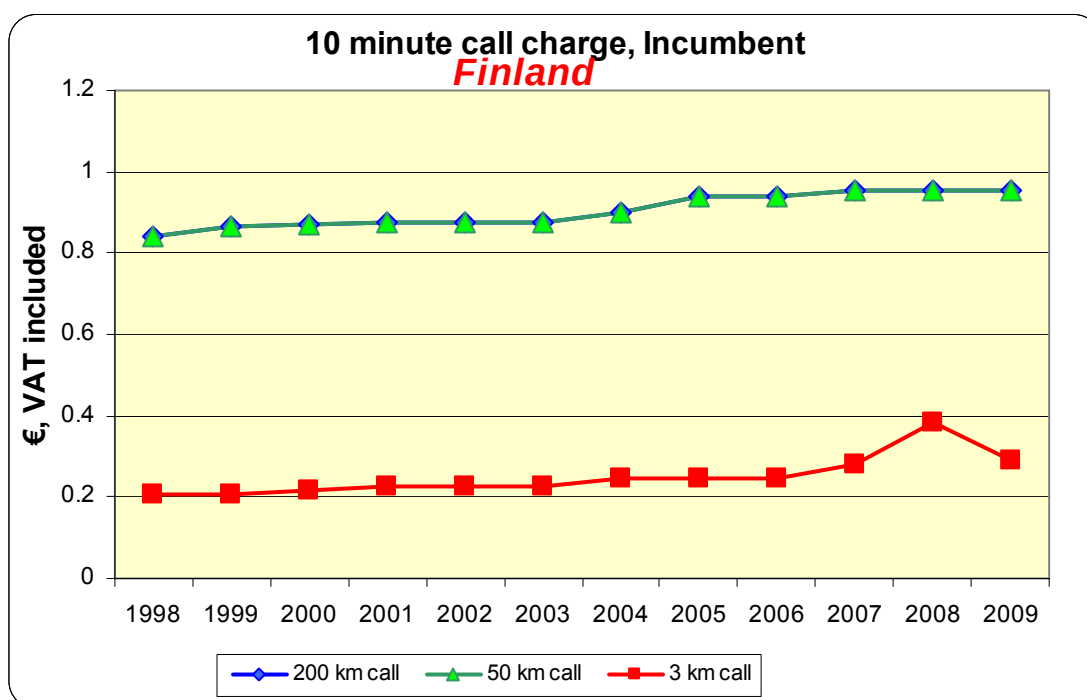


Figure 4.27 10 minute call charges, Sweden

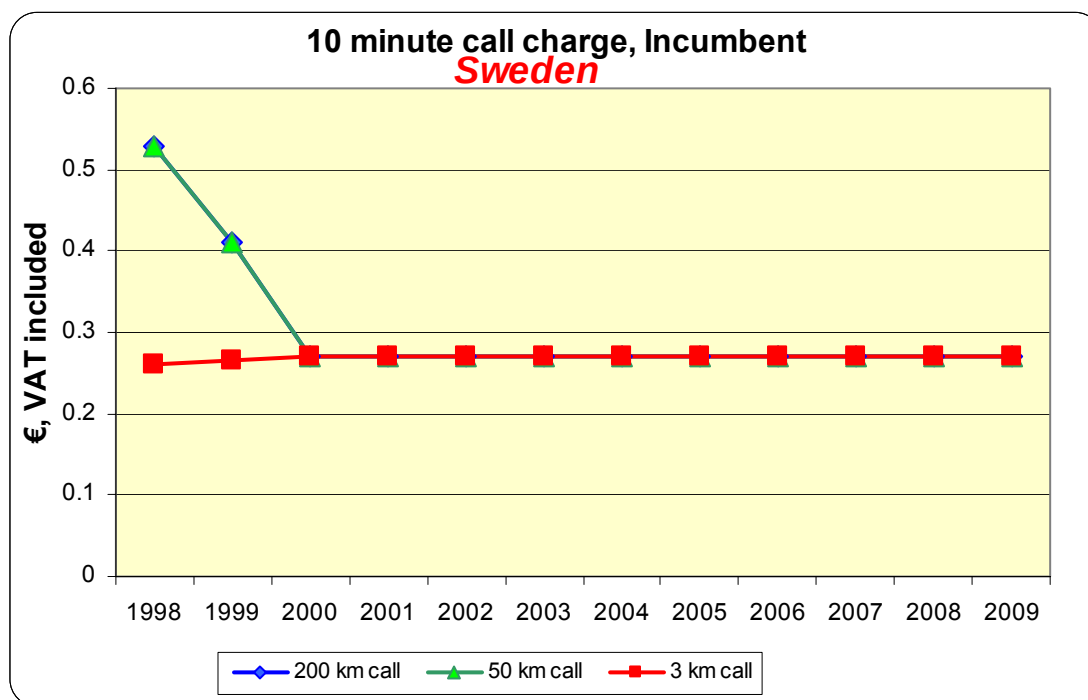
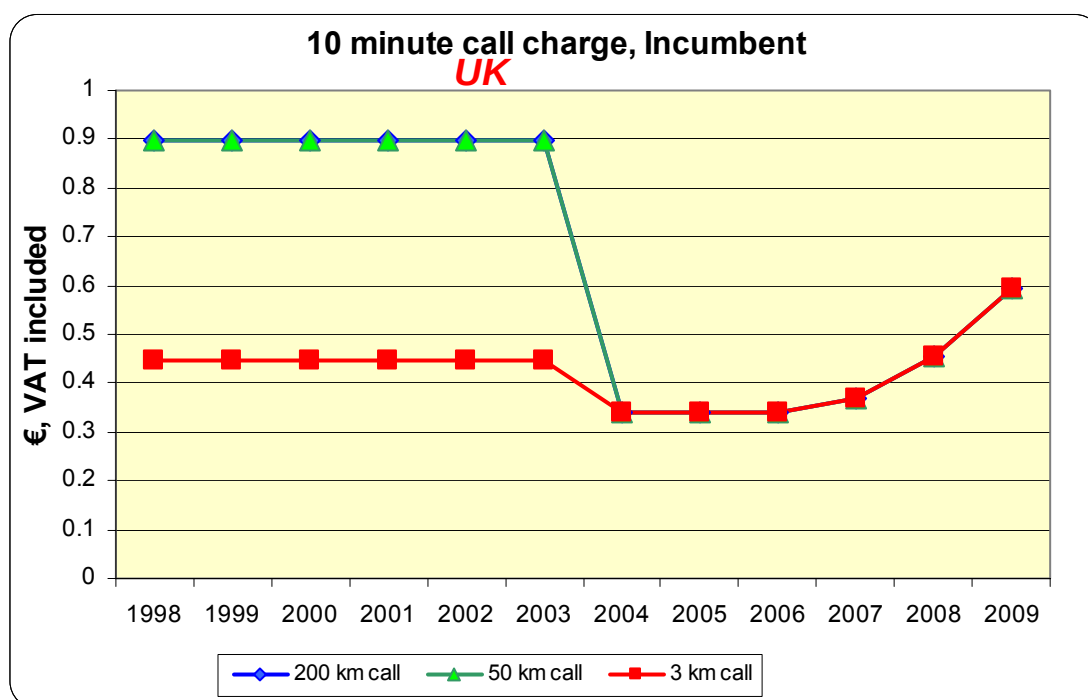


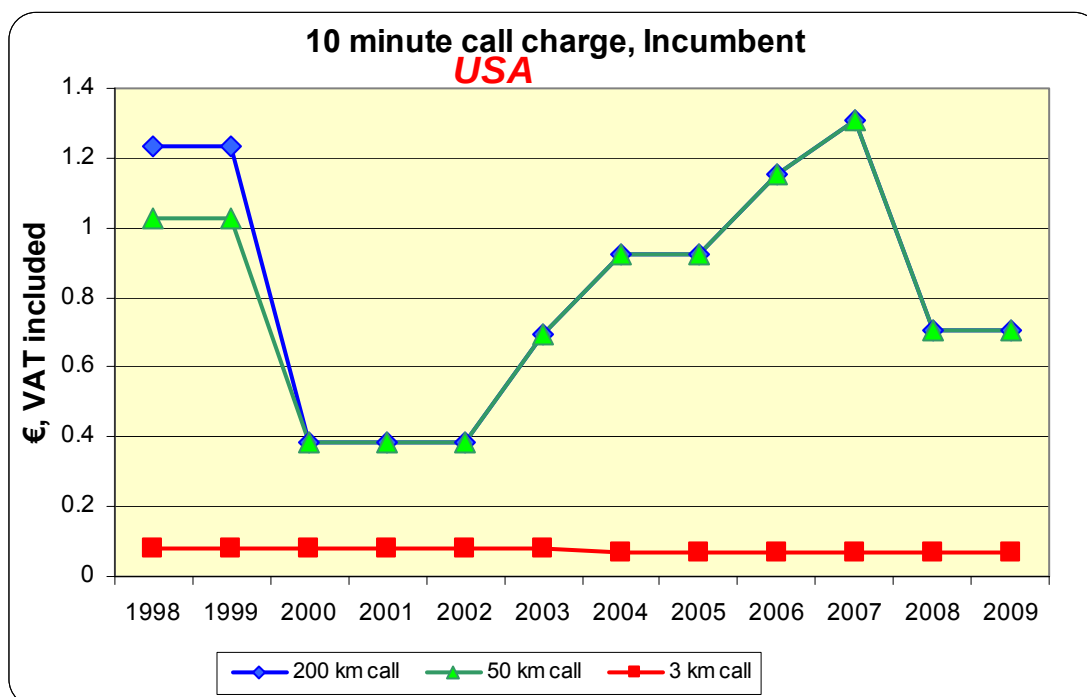
Figure 4.28 10 minute call charges, United Kingdom



BT has discontinued the Residential Standard tariff, and all users are moved to the BT Together Option 1 tariff in 2004.

BT changed the call charge structure in October 2006.

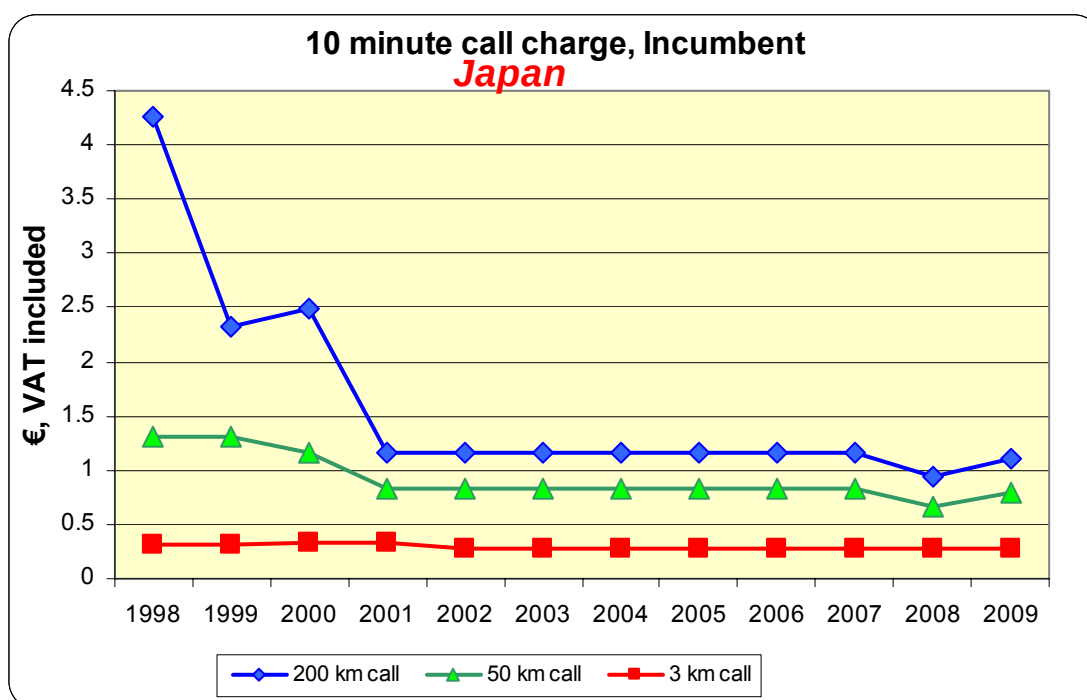
Figure 4.29 10 minute call charges, USA (New York)



Note on USA: The significant change in charges for 50 and 200 km calls from 1999 to 2000 reflects the fact that the long distance carriers are allowed to enter the intra-state markets from 2000. The tariffs for 2000 to 2002 relate to AT&T.

The prices showed for other years relate to Verizon Intra-State services, as these have subsequently been found more relevant to the other data showed in this report. Local calls (3 km) are not affected, and refer to Verizon local services for all years.

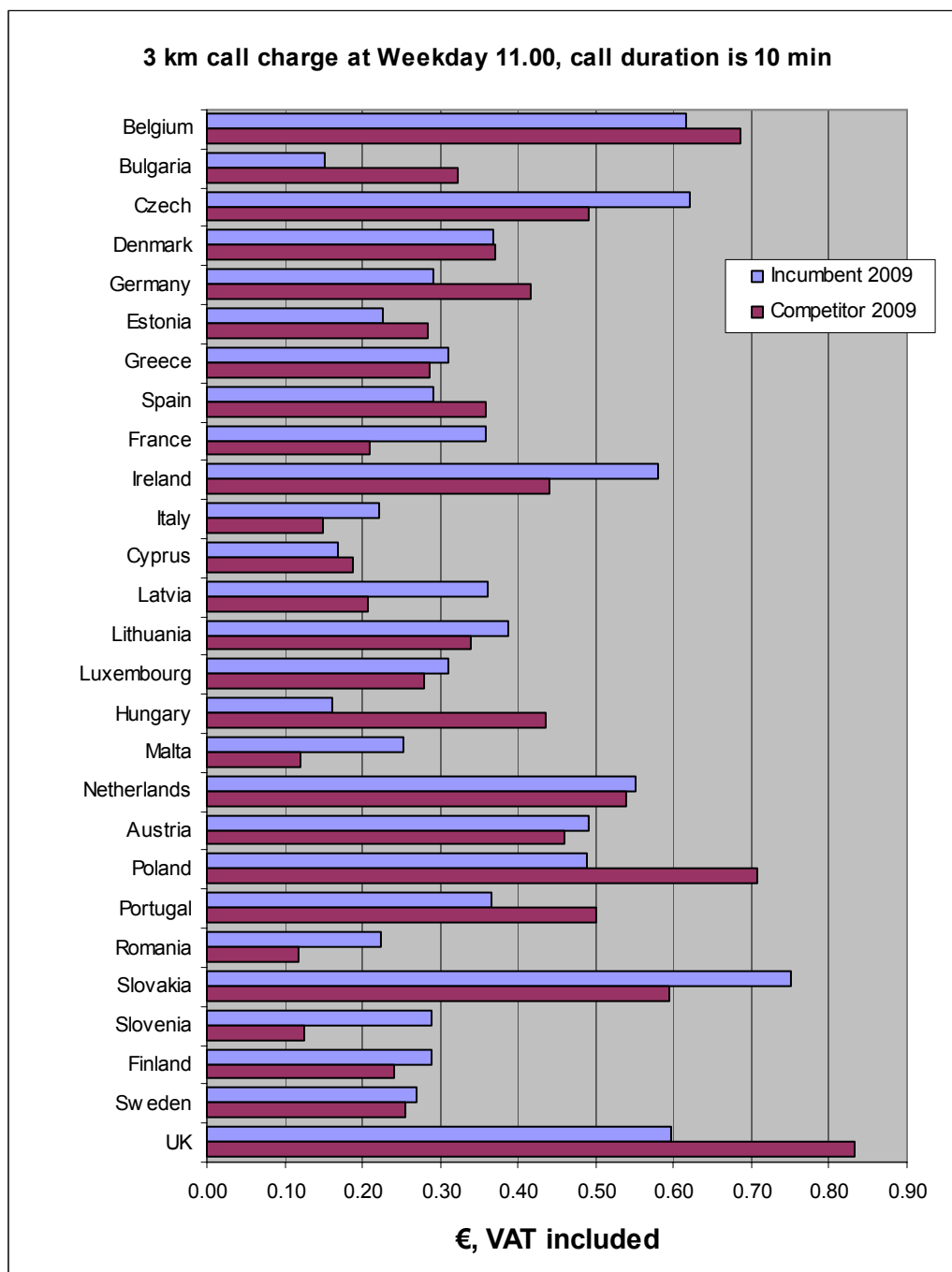
Figure 4.30 10 minute call charges, Japan



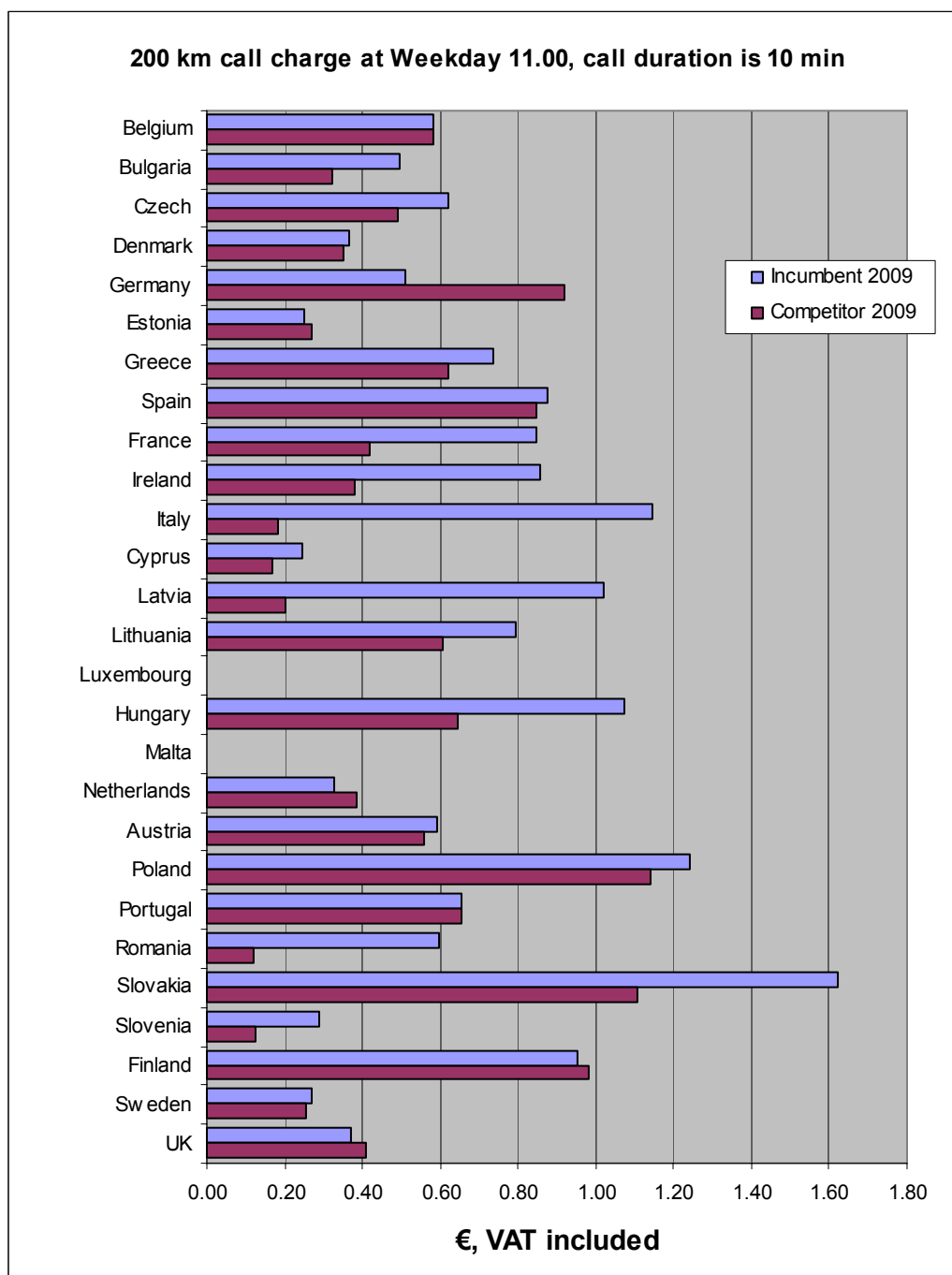
4.3. Comparing incumbents and competitors

Price relationships with the Incumbent's prices are shown in the graphs following, for local and long distance calls. The selection of tariff packages will impact on this comparison, although care has been taken to ensure reasonable compatibility.

Figure 4.31 Comparison between incumbent and competitor's prices, local call



In Sweden the competitor (Tele2) has changed from per second to per minute billing in 2009.

Figure 4.32 Comparison between incumbent and competitor's prices, long distance call

Calls of 200km distance do not make sense for Luxembourg and Malta due to the small size of the country.

In Sweden the competitor (Tele2) has changed from per second to per minute billing in 2009.

5. International PSTN calls

The objective here has also been to study the development of the call charges actually paid by the consumer on individual calls. As the issue of unit based charges is less relevant for international calls, due to very short units, the data has been based on average per minute call charges. Call charges have been calculated for 3, 5 and 10 minute calls, but the duration doesn't alter much in terms of price relationships between originating countries and destinations.

Prices of individual international calls have been analysed with 4 different destinations. These are:

Table 5.1 International call types

Calls to:	3 minutes	5 minutes	10 minutes
Near EU country	√	√	√
Distant EU country	√	√	√
USA	√	√	√
Japan	√	√	√

The data is presented with the following parameters:

- Using EURO exchange rates, including VAT
- The years from 1998 to 2009 are covered
- Standard residential tariffs are used throughout.
- Peak time call charges are used

Due to the large amount of data only the 10 minute duration is presented in this report.

All prices are shown using average per minute charges as a base. Call setup charges are included, as are the scheme with different prices for first and additional periods used in some countries.

Table 5.2 summarises the definition of near and distant EU destination countries.

Table 5.2 Definition of destination countries.

From:	Near EU	Far EU	From:	Near EU	Far EU
BE	FR	EL	LU	DE	EL
BU	EL	PT	HU	AT	FI
CZ	DE	FI	MT	IT	FI
DK	SE	EL	NL	DE	EL
DE	FR	EL	AT	DE	EL
EE	FI	EL	P	DE	EL
EL	IT	DK	PT	ES	DK
ES	PT	DK	RO	HU	PT
FR	BE	EL	SK	CZ	FI
IE	UK	EL	SI	AT	FI
IT	EL	DK	FI	SE	EL
CY	EL	DK	SE	DK	EL
LV	SE	EL	UK	FR	EL
LT	SE	EL			

5.1. Call cost summaries

Table 5.3a Calls to near EU country, Incumbent

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	4.499	4.463	4.463	1.836	1.834	1.938	1.977	1.977	1.977	2.017	2.057	2.111
Bulgaria	Vivacom			4.233	3.681	3.221	2.208	2.208	1.840	1.840	1.350	1.350	0.920
Czech	Telefónica O2					3.145	3.145	3.560	2.084	2.058	2.060	2.060	2.060
Denmark	TDC	2.704	2.233	2.166	0.772	0.772	0.772	0.772	0.772	0.772	0.769	0.769	0.769
Germany	Telekom	4.316	2.454	2.454	1.227	1.230	1.230	1.226	1.230	1.230	1.260	0.290	0.290
Estonia	Elion			3.228	1.244	0.958	0.958	0.989	0.989	0.989	0.989	0.638	1.005
Greece	OTE	5.194	5.194	3.255	2.909	2.950	2.950	2.908	2.493	2.493	2.493	2.493	2.493
Spain	Telefonica	4.691	3.904	3.625	3.625	2.205	1.530	1.530	1.530	1.530	1.530	1.566	1.630
France	Telecom	3.189	2.821	2.968	2.968	2.340	2.340	2.239	2.265	2.320	2.320	2.320	2.320
Ireland	Eircom	2.412	2.031	1.536	1.536	1.535	1.535	1.535	1.535	1.535	1.535	1.595	1.602
Italy	Telecom	5.037	3.630	2.789	2.789	2.241	2.116	2.116	2.116	2.116	2.116	2.116	2.116
Cyprus	CYTA			3.537	3.537	2.161	0.982	0.778	0.660	0.660	0.699	0.660	0.660
Latvia	Lattelecom			3.349	3.349	3.378	3.378	3.366	5.878	5.878	5.878	5.878	3.452
Lithuania	TEO LT			4.783	4.783	4.777	4.777	4.065	4.065	4.065	4.065	4.065	4.123
Luxembourg	P&T	3.956	2.737	2.058	1.437	1.436	1.436	1.365	1.365	1.365	1.365	1.365	1.365
Hungary	Magyar Telekom			3.303	3.303	3.321	2.079	2.079	1.996	1.996	1.996	1.996	2.070
Malta	Go						6.949	1.450	1.574	1.439	1.698	1.720	1.722
Netherlands	KPN	2.087	1.112	0.726	0.726	0.759	0.848	0.917	0.849	0.849	0.900	0.871	1.000
Austria	Telekom	3.837	4.055	3.070	3.070	2.470	2.470	1.896	1.896	1.896	1.999	1.990	1.990
Poland	Telecom			4.607	4.607	4.607	4.607	3.567	3.635	3.606	3.606	2.851	1.194
Portugal	Telecom	4.888	3.359	3.210	2.604	2.768	2.768	2.768	2.814	2.814	2.814	2.791	2.791
Romania	RomTelecom			5.372	6.331	4.108	4.108	2.856	2.618	2.618	1.189	1.189	1.189
Slovakia	Slovak Telecom			6.241	6.241	3.413	3.413	3.476	3.476	1.541	1.541	1.817	1.540
Slovenia	Telekom				2.981	1.753	1.753	1.753	1.252	1.252	1.252	1.252	1.252
Finland	TeliaSonera	2.216	1.785	1.810	1.801	1.837	1.837	1.771	1.900	1.900	1.779	1.779	1.779
Sweden	Telia	1.510	1.510	0.975	0.975	0.975	0.534	0.534	0.534	0.534	0.534	0.534	0.534
UK	BT	3.228	3.228	3.228	3.228	3.228	3.228	1.930	1.931	1.704	2.169	2.447	2.437
USA	Verizon	#N/A	0.846	0.769	0.769	0.769	0.615	0.615	0.615	0.692	0.692	0.615	0.615
Japan	NTT	17.891	14.018	11.663	11.663	11.663	11.663	12.242	11.663	11.580	11.580	11.580	11.054
EU27 Weighted		3.921	3.076	3.143	2.868	2.463	2.345	2.029	1.988	1.955	1.951	1.772	1.640

Table 5.3b Calls to near EU country, Competitor

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	1.388	1.938	1.938	1.977	1.977	2.017	2.017	2.126
Bulgaria	Orbitel						0.920	0.920	0.716
Czech	České Radiokomunikace			1.337	1.337	0.865	1.030	1.030	1.030
Denmark	Telenor	0.705	0.705	0.705	0.705	0.705	0.702	0.702	0.772
Germany	Vodafone *	1.227	1.227	1.227	1.227	1.227	1.500	0.800	1.999
Estonia	Starman		2.140	2.140	0.798	0.798	0.651	0.663	0.862
Greece	Wind	2.348	2.183	2.183	2.094	2.094	1.964	1.960	1.960
Spain	Ono	3.277	1.460	1.462	1.462	1.355	1.356	1.356	1.553
France	SFR	0.945	0.945	0.706	0.706	0.620	0.620	0.620	0.920
Ireland	Vodafone	1.536	1.000	0.800	0.999	1.199	0.799	0.848	0.863
Italy	Infostrada		2.329	2.330	2.330	1.546	1.546	1.546	1.549
Cyprus	Primetel *			0.727	0.727	0.727	0.550	0.530	0.478
Latvia	Telecom Baltija			2.345	2.864	1.189	1.005	0.703	0.721
Lithuania	Eurocom			5.124	1.497	1.497	1.497	3.784	3.784
Luxembourg	Tango	1.110	1.110	1.110	0.950	0.950	0.950	0.950	0.950
Hungary	Invitel		3.008	3.147	0.932	0.895	0.895	0.895	0.956
Malta	Melita *								0.300
Netherlands	Tele2 *		0.650	0.650	0.550	0.550	0.495	0.495	0.900
Austria	Tele2	1.380	1.380	1.380	0.990	0.990	1.790	0.990	1.790
Poland	Netia *	4.132	4.132	3.121	3.121	2.398	1.654	1.608	0.707
Portugal	Sonaecom *	1.188	1.188	1.661	2.734	2.734	2.814	2.791	2.791
Romania	RCS&RDS						1.380	1.380	1.380
Slovakia	GTS Slovakia *				1.501	1.185	1.185	1.185	0.594
Slovenia	T-2			1.002	1.002	1.002	0.400	0.400	0.400
Finland	Elisa	1.480	1.480	1.480	1.480	1.480	1.420	1.420	1.146
Sweden	Tele2	0.882	0.466	0.524	0.524	0.524	0.548	0.548	0.548
UK	Virgin	2.327	2.328	2.328	2.328	2.328	2.680	2.786	4.255
EU27 Weighted		1.971	1.802	1.705	1.644	1.445	1.468	1.363	1.752

Notes:

All charges are in Euro, including VAT

Call duration is 10 minutes, and any call setup is included

Table 5.4a Calls to distant EU country, Incumbent

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	6.428	5.948	5.948	2.577	2.578	2.651	2.705	2.705	2.705	2.760	2.815	2.889
Bulgaria	Vivacom			8.466	7.362	4.294	2.761	2.761	1.840	1.840	1.840	1.840	0.920
Czech	Telefónica O2					7.469	5.897	4.051	2.280	2.246	2.245	2.245	2.060
Denmark	TDC	6.734	6.062	6.062	4.400	4.400	4.400	4.064	4.064	4.064	4.060	4.060	4.060
Germany	Telekom	4.316	4.280	4.280	2.454	2.460	2.460	2.453	2.460	2.460	2.520	0.290	0.290
Estonia	Elion			8.975	5.754	5.717	5.717	5.747	3.418	3.418	3.418	1.277	3.443
Greece	OTE	5.194	5.194	3.255	2.909	2.950	2.950	2.908	2.493	2.493	2.493	2.493	2.493
Spain	Telefonica	4.691	3.904	3.625	3.625	2.205	1.530	1.530	1.530	1.530	1.530	1.566	1.630
France	Telecom	3.805	3.429	2.968	2.968	2.500	2.500	2.195	2.221	2.320	2.320	2.320	2.320
Ireland	Eircom	4.824	4.826	4.826	4.826	4.825	4.825	3.969	3.872	3.872	3.872	3.932	3.948
Italy	Telecom	5.037	3.630	2.789	2.789	2.241	2.116	2.116	2.116	2.116	2.116	2.116	2.116
Cyprus	CYTA			5.894	5.894	3.930	3.262	0.978	0.648	0.648	0.688	0.648	0.648
Latvia	Lattelecom			6.699	6.699	5.890	5.890	5.878	6.716	6.716	6.716	6.716	6.886
Lithuania	TEO LT			16.740	16.740	11.957	11.957	4.065	4.065	4.065	4.065	4.065	4.123
Luxembourg	P&T	5.673	3.934	3.934	2.429	2.429	2.429	2.064	1.365	1.365	1.365	1.365	1.365
Hungary	Magyar Telekom			4.266	4.266	4.284	2.492	2.492	2.492	2.921	2.392	2.392	2.492
Malta	Go						9.940	7.961	8.085	7.955	8.209	8.312	8.312
Netherlands	KPN	3.676	3.676	3.223	2.630	2.782	2.919	2.919	2.920	2.920	2.946	1.535	2.000
Austria	Telekom	5.116	5.407	4.317	4.317	3.770	3.770	3.096	3.096	3.096	3.194	3.194	3.194
Poland	Telecom			5.024	5.024	5.024	5.024	3.567	3.635	3.606	3.606	2.851	1.194
Portugal	Telecom	4.888	3.942	3.793	2.894	3.062	3.062	3.062	3.114	3.114	3.114	3.088	3.088
Romania	RomTelecom			5.372	6.331	4.108	4.108	2.856	2.618	2.618	1.189	1.189	1.189
Slovakia	Slovak Telecom			8.888	8.888	3.887	3.887	3.792	3.792	1.541	1.541	1.817	1.540
Slovenia	Telekom				3.847	1.753	1.753	1.753	1.402	1.402	1.402	1.402	1.402
Finland	TeliaSonera	5.745	5.589	5.676	5.670	5.637	4.837	4.771	4.900	4.900	4.779	4.779	4.779
Sweden	Telia	4.941	4.941	3.475	3.475	3.475	3.475	3.475	3.475	3.475	3.475	3.475	3.475
UK	BT	4.035	4.035	4.035	4.035	4.035	4.035	2.498	1.590	1.590	1.658	1.880	1.881
USA	Verizon	#N/A	2.153	2.230	2.230	2.230	1.615	0.769	0.769	0.846	0.846	0.769	0.769
Japan	NTT	17.968	17.891	18.941	18.941	18.941	18.941	18.611	18.941	17.618	12.407	12.407	12.633
EU27 Weighted		4.505	4.086	4.124	3.689	3.289	3.122	2.606	2.427	2.436	2.385	1.942	1.829

Table 5.4b Calls to distant EU country, Competitor

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	2.231	2.651	2.651	2.705	2.705	2.760	2.760	2.908
Bulgaria	Orbitel						0.920	0.920	0.716
Czech	České Radiokomunikace			1.529	1.529	1.258	1.498	1.498	1.498
Denmark	Telenor	4.050	4.050	4.050	4.050	4.050	4.047	4.047	4.064
Germany	Vodafone *	2.454	2.454	2.454	2.454	2.454	2.500	2.500	1.999
Estonia	Starman		4.057	4.057	2.907	1.820	2.248	2.261	2.958
Greece	Wind	2.348	2.183	2.183	2.094	2.094	1.964	1.960	1.960
Spain	Ono	3.277	1.460	1.462	1.462	1.355	1.356	1.356	1.553
France	SFR	1.545	1.545	0.707	0.707	0.920	0.920	0.920	0.920
Ireland	Vodafone	4.825	2.400	1.200	1.200	1.199	1.199	1.248	1.264
Italy	Infostrada		2.329	2.330	2.330	1.546	1.546	1.546	1.549
Cyprus	Primetel *			0.747	1.336	1.336	0.570	0.519	0.495
Latvia	Telecom Baltija			3.014	2.864	1.524	1.005	0.703	0.721
Lithuania	Eurocom			4.835	1.497	1.497	1.497	3.784	3.784
Luxembourg	Tango	1.485	1.485	1.485	0.950	0.950	0.950	0.950	0.950
Hungary	Invitel		3.239	3.376	0.932	0.895	0.895	0.895	0.956
Malta	Melita *								0.300
Netherlands	Tele2 *		2.090	2.090	1.820	1.820	1.645	1.390	1.900
Austria	Tele2	2.540	2.540	2.540	2.540	2.830	2.990	2.490	2.990
Poland	Netia *	6.242	6.242	3.121	3.121	2.398	1.654	1.608	0.707
Portugal	Sonaecom *	2.789	2.789	1.831	3.023	3.023	3.114	3.088	3.088
Romania	RCS&RDS						1.096	1.085	1.085
Slovakia	GTS Slovakia *				1.501	1.185	1.185	1.185	0.830
Slovenia	T-2			1.302	1.085	1.085	0.521	0.493	0.540
Finland	Elisa	4.180	4.180	4.180	4.180	4.180	4.120	4.120	3.098
Sweden	Tele2	3.382	3.382	3.426	3.426	3.426	3.450	3.450	3.450
UK	Virgin	2.327	2.328	2.328	2.328	2.328	2.226	2.399	3.755
EU27 Weighted		2.882	2.585	2.163	2.095	1.942	1.822	1.836	1.886

Notes:

All charges are in Euro, including VAT

Call duration is 10 minutes, and any call setup is included

Table 5.5a Calls to USA, Incumbent

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	5.999	5.948	5.948	1.836	1.834	1.938	1.977	1.977	1.977	2.017	2.057	2.111
Bulgaria	Vivacom			11.288	9.202	5.153	4.417	4.417	1.840	1.840	1.350	1.350	0.920
Czech	Telefónica O2					3.577	3.577	4.051	2.280	2.246	2.245	2.245	2.060
Denmark	TDC	5.256	4.719	4.719	2.720	2.720	2.385	2.385	2.385	2.385	2.381	2.381	2.381
Germany	Telekom	4.316	2.454	2.454	1.227	1.230	1.230	1.226	1.230	1.230	1.260	0.290	0.290
Estonia	Elion			10.257		2.376	2.376	2.407	2.555	2.268	2.268	1.628	2.309
Greece	OTE	5.818	5.818	3.255	2.909	2.950	2.950	2.908	2.933	2.933	2.933	2.933	2.933
Spain	Telefonica	6.077	4.532	4.253	4.253	2.205	1.530	1.530	1.530	1.530	1.530	1.566	1.630
France	Telecom	3.437	3.050	2.968	2.968	2.340	2.340	2.239	2.265	2.320	2.320	2.320	2.320
Ireland	Eircom	3.683	2.919	2.919	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.964	1.972
Italy	Telecom	4.988	3.630	2.789	2.789	2.241	2.116	2.116	2.116	2.116	2.116	2.116	2.116
Cyprus	CYTA			3.733	3.733	2.358	0.982	0.778	0.648	0.648	0.688	0.648	0.648
Latvia	Lattelecom			5.861	5.861	5.890	5.890	5.878	5.878	5.878	5.878	5.878	6.028
Lithuania	TEO LT			11.957	11.957	8.078	8.078	4.065	4.065	4.065	4.065	4.065	4.123
Luxembourg	P&T	5.673	2.737	2.058	1.437	1.436	1.436	1.365	1.365	1.365	1.365	1.365	1.365
Hungary	Magyar Telekom			4.404	4.404	4.422	3.042	2.492	3.042	2.921	2.392	2.392	2.492
Malta	Go						12.425	1.634	1.758	1.629	1.882	1.906	1.902
Netherlands	KPN	2.768	0.898	0.783	0.783	0.759	0.848	0.848	0.849	0.849	0.900	0.687	1.000
Austria	Telekom	5.756	6.078	4.317	4.317	3.770	3.770	1.896	1.896	1.896	1.999	1.990	1.990
Poland	Telecom			10.285	10.285	10.285	10.285	3.567	3.635	3.606	3.606	2.851	1.194
Portugal	Telecom	6.135	4.233	3.677	2.894	3.062	3.062	3.062	3.114	3.114	3.114	3.088	3.088
Romania	RomTelecom			6.906	7.290	4.745	4.745	2.737	2.618	2.618	1.189	1.189	1.189
Slovakia	Slovak Telecom			11.179	11.179	3.808	3.808	3.792	3.792	1.541	1.541	1.817	1.540
Slovenia	Telekom				2.981	1.753	1.753	1.753	1.402	1.402	1.402	1.402	1.402
Finland	TeliaSonera	7.428	5.653	5.678	4.795	4.837	4.837	4.771	4.900	4.900	4.779	4.779	4.779
Sweden	Telia	4.450	4.450	1.012	1.012	1.012	1.012	0.975	0.975	0.975	0.975	0.975	0.975
UK	BT	2.682	2.682	2.682	2.682	2.682	2.682	1.589	1.590	1.704	1.772	2.050	2.048
USA	Verizon	#N/A	#N/A	#N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Japan	NTT	9.991	6.196	4.963	4.963	4.963	4.963	4.963	4.963	4.905	4.384	4.384	4.737
EU27 Weighted		4.380	3.381	4.037	3.628	3.042	2.933	2.116	2.054	2.060	1.997	1.811	1.695

Table 5.5b Calls to USA, Competitor

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	1.388	1.938	1.938	1.977	1.977	2.017	2.017	2.126
Bulgaria	Orbitel						0.920	0.920	0.716
Czech	České Radiokomunikace			1.529	1.569	0.865	1.030	1.030	1.030
Denmark	Telenor	2.385	2.385	2.368	2.368	2.368	2.368	2.368	2.385
Germany	Vodafone *	1.227	1.227	1.227	1.227	1.227	1.500	1.200	1.999
Estonia	Starman		1.916	1.916	1.820	1.820	1.290	1.303	1.967
Greece	Wind	2.348	2.183	2.183	2.094	2.094	1.964	1.960	1.960
Spain	Ono	3.834	1.460	1.462	1.462	1.355	1.356	1.356	1.553
France	SFR	0.945	0.945	0.706	0.706	0.620	0.620	0.620	0.620
Ireland	Vodafone	1.905	1.200	0.800	1.200	0.799	0.799	0.848	0.863
Italy	Infostrada		2.329	2.330	2.330	1.546	1.546	1.546	1.549
Cyprus	Primetel *			0.727	0.727	0.727	0.550	0.519	0.478
Latvia	Telecom Baltija			3.014	2.864	1.524	1.005	0.703	0.721
Lithuania	Eurocom			3.416	1.497	1.497	1.497	3.813	3.813
Luxembourg	Tango	1.110	1.110	1.110	0.950	0.950	0.950	0.950	0.950
Hungary	Invitel		3.330	3.376	1.299	1.225	1.247	1.247	0.956
Malta	Melita *								0.300
Netherlands	Tele2 *		0.550	0.550	0.460	0.460	0.445	0.445	0.900
Austria	Tele2	1.380	1.380	1.380	0.990	0.990	1.790	0.990	1.790
Poland	Netia *	10.285	10.285	3.121	3.121	2.398	1.654	1.608	0.707
Portugal	Sonaecom *	2.131	2.131	1.831	3.023	3.023	3.114	3.088	3.088
Romania	RCS&RDS						0.986	0.952	0.952
Slovakia	GTS Slovakia *				1.501	1.185	1.185	1.185	0.830
Slovenia	T-2			1.302	1.085	1.085	0.400	0.400	0.400
Finland	Elisa	3.180	3.180	3.180	3.180	3.180	3.120	3.120	2.903
Sweden	Tele2	0.919	0.902	0.946	0.946	0.946	0.969	0.969	0.969
UK	Virgin	1.191	1.193	1.193	1.193	1.193	1.204	1.529	2.623
EU27 Weighted		2.587	2.249	1.606	1.565	1.355	1.327	1.313	1.548

Notes:

All charges are in Euro, including VAT

Call duration is 10 minutes, and any call setup is included

Table 5.6a Calls to Japan, Incumbent

		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Belgacom	11.998	11.899	11.899	4.934	4.933	5.094	5.202	5.202	5.202	5.306	5.412	5.555
Bulgaria	Vivacom			11.288	9.202	5.153	4.417	4.417	4.417	4.417	3.681	3.681	6.135
Czech	Telefónica O2					7.469	7.469	6.681	4.482	4.444	4.446	4.446	4.446
Denmark	TDC	13.451	11.772	11.772	9.438	9.438	9.102	9.102	9.102	9.102	9.098	9.098	9.098
Germany	Telekom	11.113	11.023	11.023	7.976	7.970	7.900	7.900	7.900	7.900	8.110	0.490	0.490
Estonia	Elion			22.399	15.981	15.981	15.981	16.012	16.009	5.112	5.112	3.833	5.200
Greece	OTE	9.350	9.350	4.848	2.909	2.950	2.950	2.908	2.933	2.933	2.933	2.933	2.933
Spain	Telefonica	12.974	12.131	12.131	12.131	11.018	8.189	7.678	5.638	6.518	6.518	6.554	6.847
France	Telecom	8.984	6.858	7.750	7.750	4.951	4.951	4.978	4.979	5.020	5.020	5.020	5.020
Ireland	Eircom	12.317	8.578	8.578	8.578	8.576	8.576	8.576	8.576	8.576	8.576	8.636	8.672
Italy	Telecom	12.580	9.952	8.986	8.986	8.957	8.781	8.781	8.781	8.781	8.781	8.781	8.781
Cyprus	CYTA			7.859	7.859	6.877	4.323	2.346	0.802	0.802	0.841	0.798	0.798
Latvia	Lattelecom			5.861	5.861	5.890	5.890	5.878	5.878	5.878	5.878	5.878	6.028
Lithuania	TEO LT			29.039	29.039	22.554	22.554	22.594	22.594	22.594	22.594	22.594	22.594
Luxembourg	P&T	12.198	6.842	3.934	2.429	2.429	2.429	1.365	1.365	1.365	1.365	1.365	1.365
Hungary	Magyar Telekom			4.404	4.404	4.422	6.070	6.070	5.827	5.827	5.827	5.827	6.070
Malta	Go						24.850	19.880	20.004	19.875	20.128	20.378	20.382
Netherlands	KPN	7.297	6.390	4.359	3.165	3.377	3.497	3.497	3.498	3.498	3.531	3.592	5.400
Austria	Telekom	12.790	13.517	9.593	4.317	3.770	3.770	3.600	3.600	3.600	3.694	3.694	3.694
Poland	Telecom			18.579	18.579	18.579	18.579	6.242	6.311	6.286	6.286	6.238	3.411
Portugal	Telecom	13.604	12.407	12.314	12.153	12.480	12.480	12.480	12.690	12.690	12.690	12.585	12.585
Romania	RomTelecom			9.707	11.319	7.366	7.366	4.879	4.403	4.403	4.403	4.165	4.165
Slovakia	Slovak Telecom			11.179	11.179	7.675	7.675	4.740	4.740	3.911	3.911	4.661	3.910
Slovenia	Telekom				8.567	6.760	6.760	6.760	5.709	5.709	5.708	5.708	5.708
Finland	TeliaSonera	14.158	14.064	14.088	7.351	7.337	5.637	5.571	5.700	5.700	5.579	5.579	5.579
Sweden	Telia	9.842	9.842	3.475	3.475	3.475	3.475	3.132	3.132	3.132	3.132	3.132	3.132
UK	BT	8.743	8.743	8.743	7.660	7.660	7.660	4.769	1.136	1.136	1.204	1.369	1.381
USA	Verizon	#N/A	2.461	1.230	1.230	1.230	1.307	0.769	0.769	0.846	0.846	0.769	0.769
Japan	NTT	#N/A	#N/A	#N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EU27 Weighted		10.812	9.823	10.201	9.123	8.316	8.041	6.548	5.844	5.890	5.925	4.687	4.606

Table 5.6b Calls to Japan, Competitor

		2002	2003	2004	2005	2006	2007	2008	2009
Belgium	Telenet	3.966	5.101	5.100	5.202	5.202	5.306	5.306	5.592
Bulgaria	Orbitel						2.045	2.045	2.045
Czech	České Radiokomunikace			3.833	3.833	3.066	1.498	1.498	1.498
Denmark	Telenor	9.034	9.034	9.034	9.034	9.034	9.031	9.031	9.102
Germany	Vodafone *	7.976	7.976	7.976	7.976	7.976	5.035	12.500	5.999
Estonia	Starman		11.535	11.535	10.896	14.059	10.237	10.250	4.421
Greece	Wind	2.348	2.183	2.183	2.094	2.094	1.964	1.960	1.960
Spain	Ono	9.552	7.794	7.795	7.795	7.619	7.620	7.620	7.643
France	SFR	3.263	3.263	2.965	2.965	2.120	2.120	2.120	2.120
Ireland	Vodafone	8.578	5.499	5.500	5.500	5.499	5.499	5.548	5.582
Italy	Infostrada		7.905	7.905	7.905	3.296	3.296	3.296	3.299
Cyprus	Primetel *			1.768	1.768	1.768	0.707	0.641	0.615
Latvia	Telecom Baltija			3.014	2.864	1.524	1.005	0.703	0.721
Lithuania	Eurocom			14.765	14.765	14.765	14.765	13.193	13.193
Luxembourg	Tango	1.110	1.110	1.110	0.950	0.950	0.950	0.950	0.950
Hungary	Invitel		7.367	3.468	3.134	2.950	3.009	3.009	0.956
Malta	Melita *								0.950
Netherlands	Tele2 *		2.810	2.810	2.450	2.450	1.745	1.745	5.300
Austria	Tele2	3.490	3.490	3.490	4.360	4.360	3.496	3.990	3.490
Poland	Netia *	18.460	18.460	3.537	3.537	3.537	4.505	4.459	2.583
Portugal	Sonaecom *	6.184	6.184	7.313	12.312	12.312	12.690	12.585	12.585
Romania	RCS&RDS						1.445	1.445	1.445
Slovakia	GTS Slovakia *				3.121	3.121	3.120	3.120	2.725
Slovenia	T-2			4.407	1.085	1.085	0.419	0.422	0.444
Finland	Elisa	6.880	6.880	5.680	5.680	5.680	5.620	5.620	4.269
Sweden	Tele2	3.382	3.382	3.083	3.083	3.083	3.106	3.106	3.106
UK	Virgin	5.734	5.735	5.735	5.735	5.735	6.769	6.266	8.778
EU27 Weighted		7.485	7.190	5.774	5.831	5.091	4.522	5.677	4.819

Notes:

All charges are in Euro, including VAT

Call duration is 10 minutes, and any call setup is included

5.2. Individual country graphs

The graphs below show the situation from each individual country, with calls using incumbent and competing operators..

Figure 5.1 Calls from Belgium

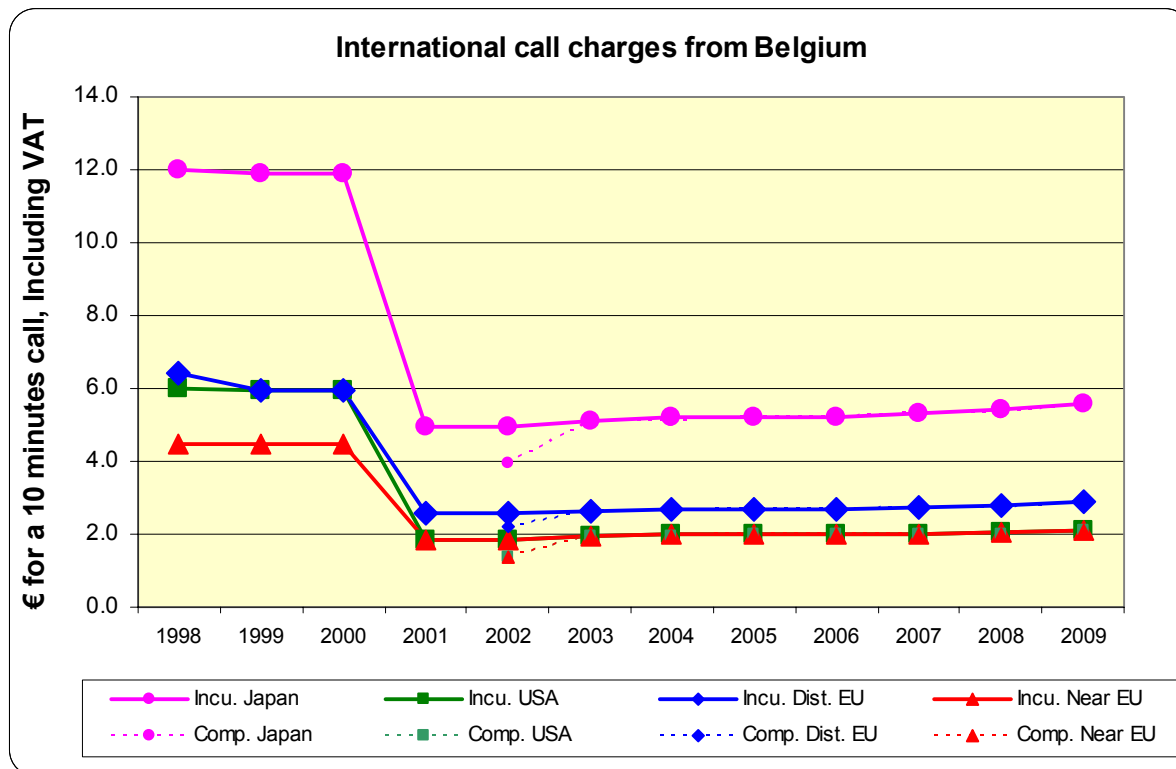


Figure 5.2 Calls from Bulgaria

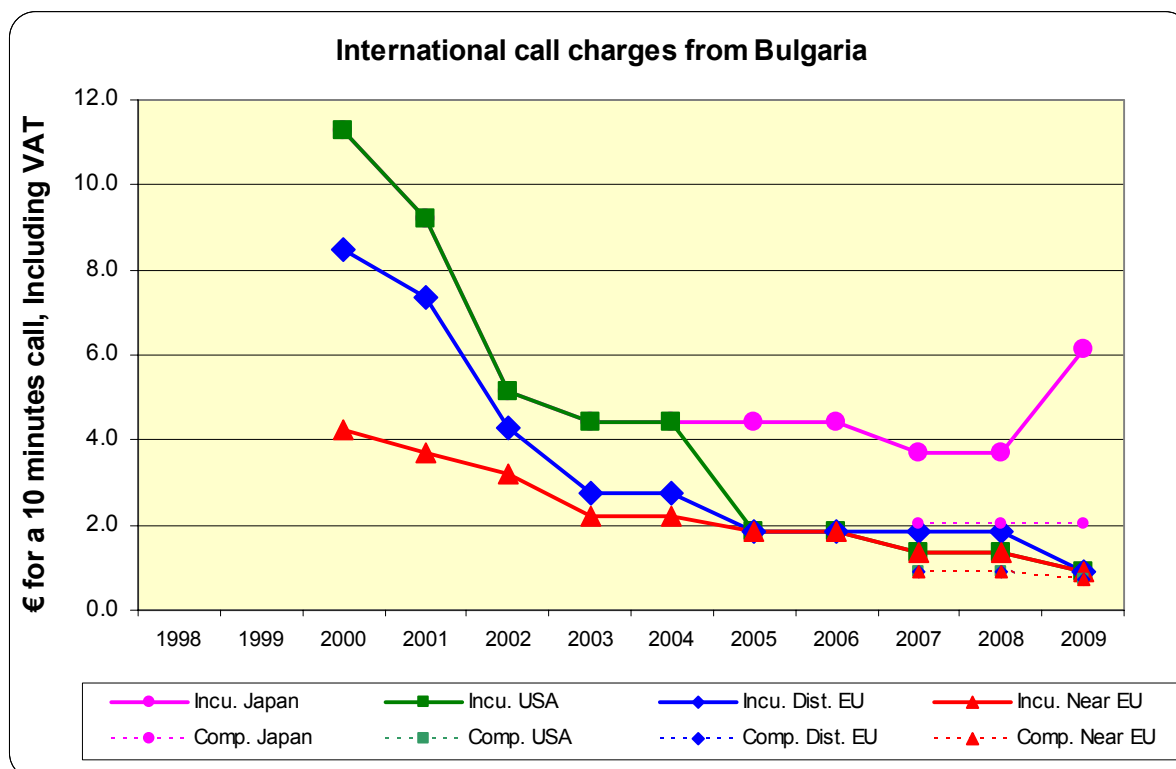


Figure 5.3 Calls from Czech Republic

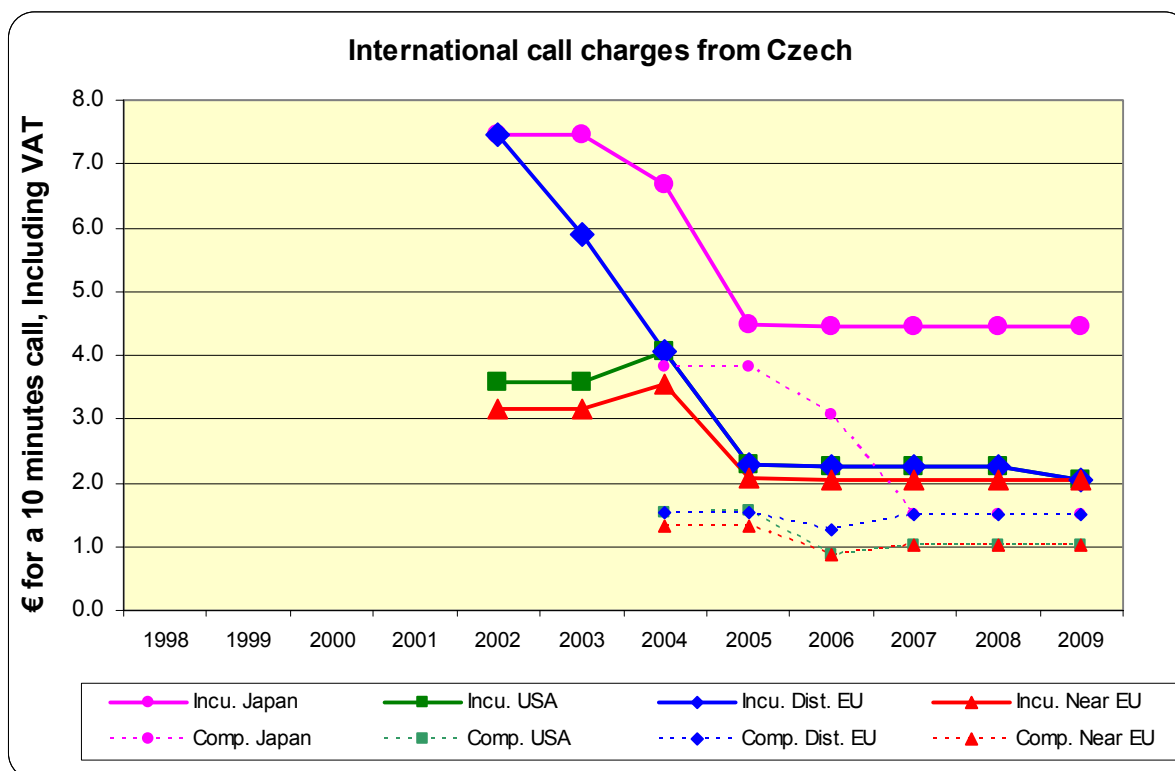


Figure 5.4 Calls from Denmark

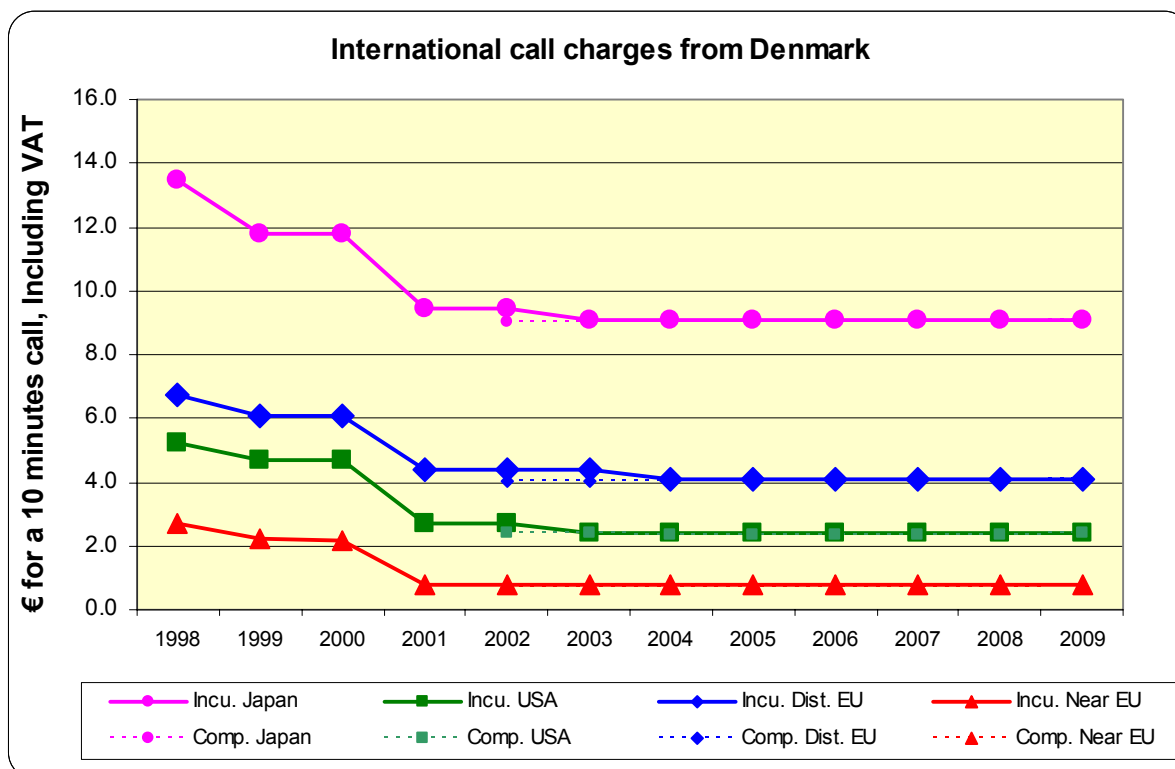
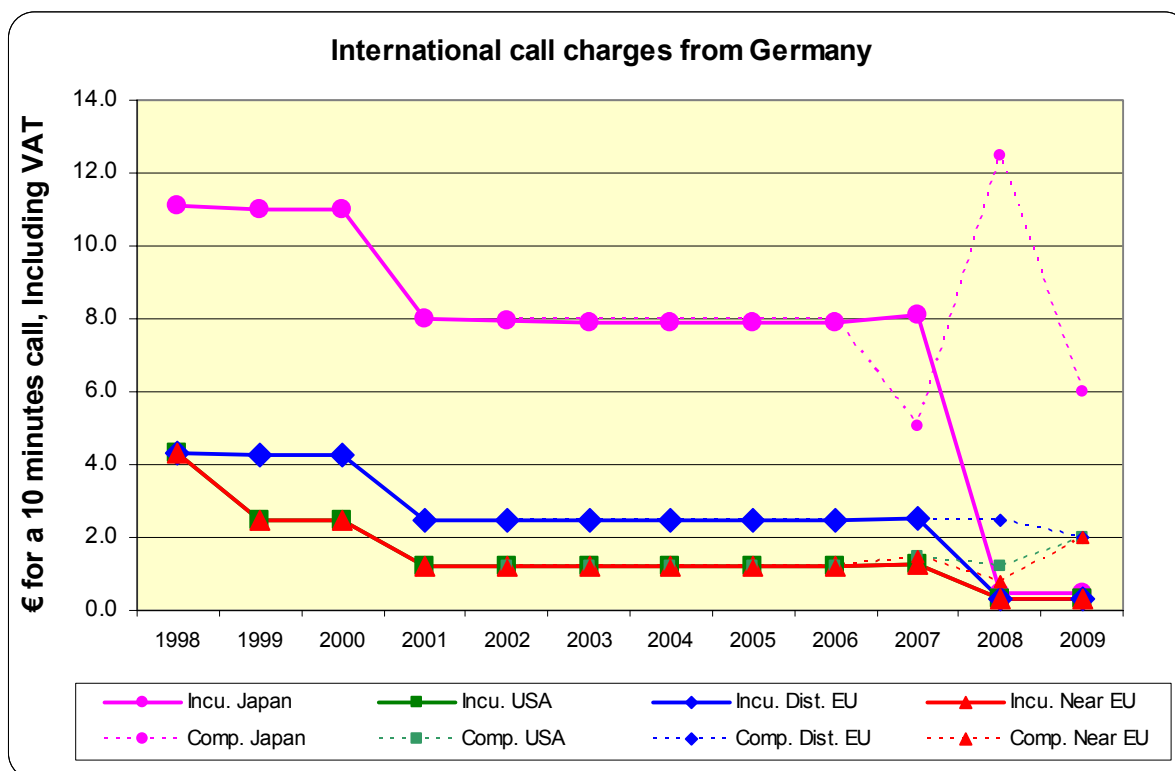


Figure 5.5 Calls from Germany



Arcor has now been taken over by Vodafone, and changes in last couple of years may be an effect of this.

Figure 5.6 Calls from Estonia

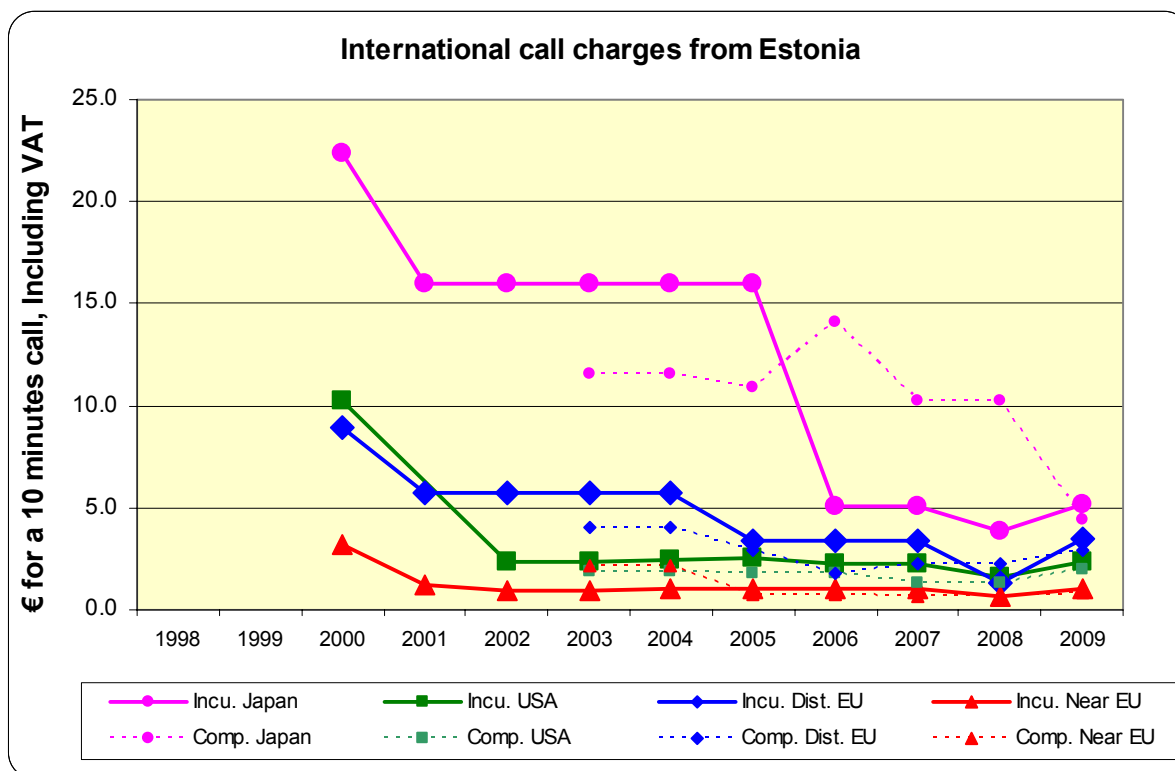


Figure 5.7 Calls from Greece

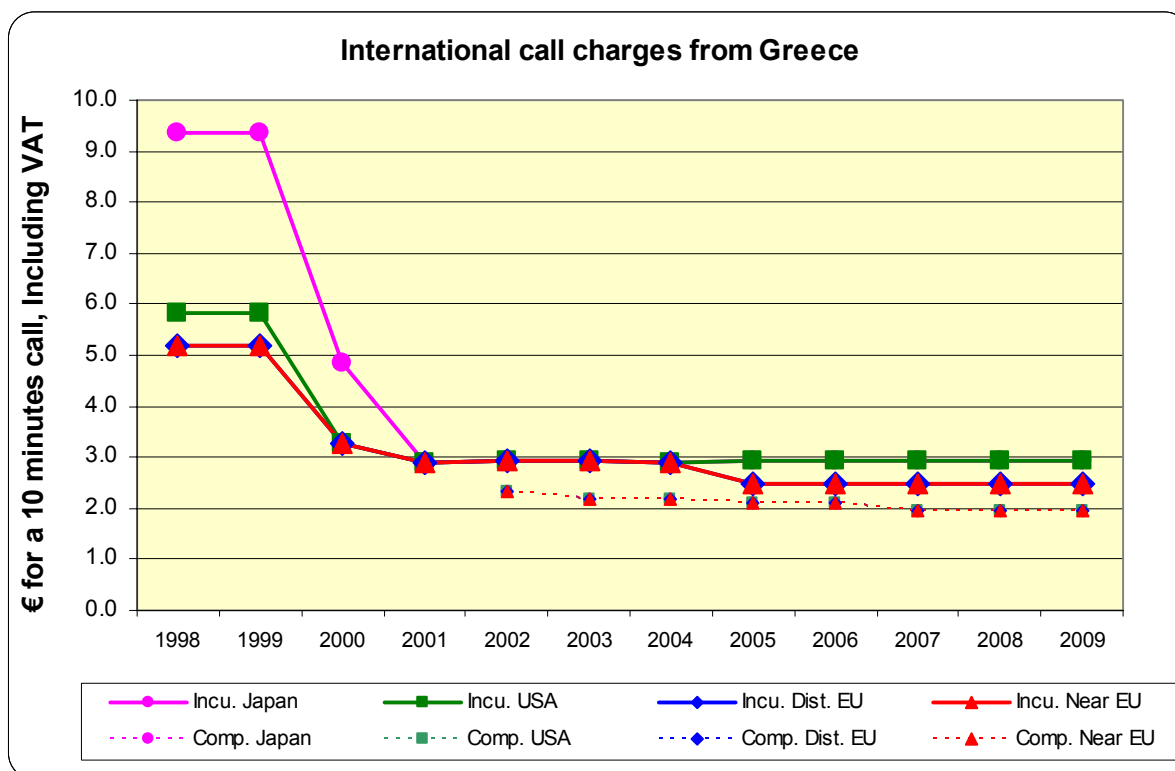


Figure 5.8 Calls from Spain

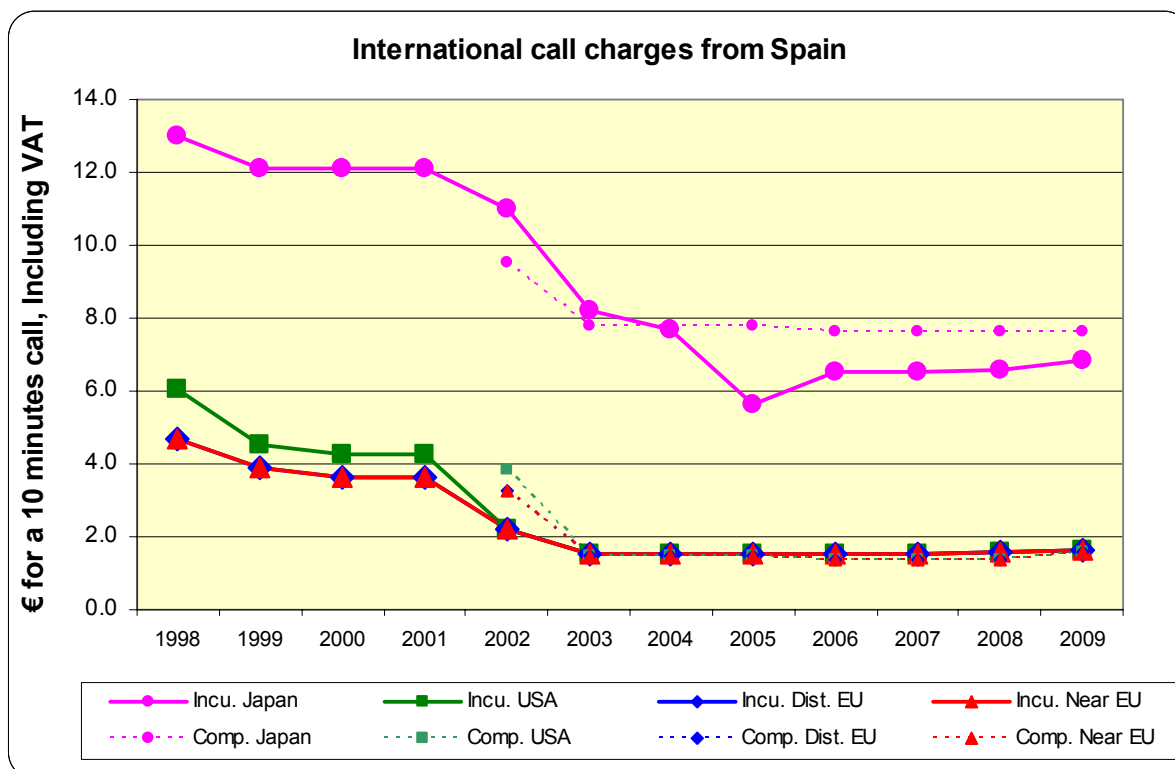


Figure 5.9 Calls from France

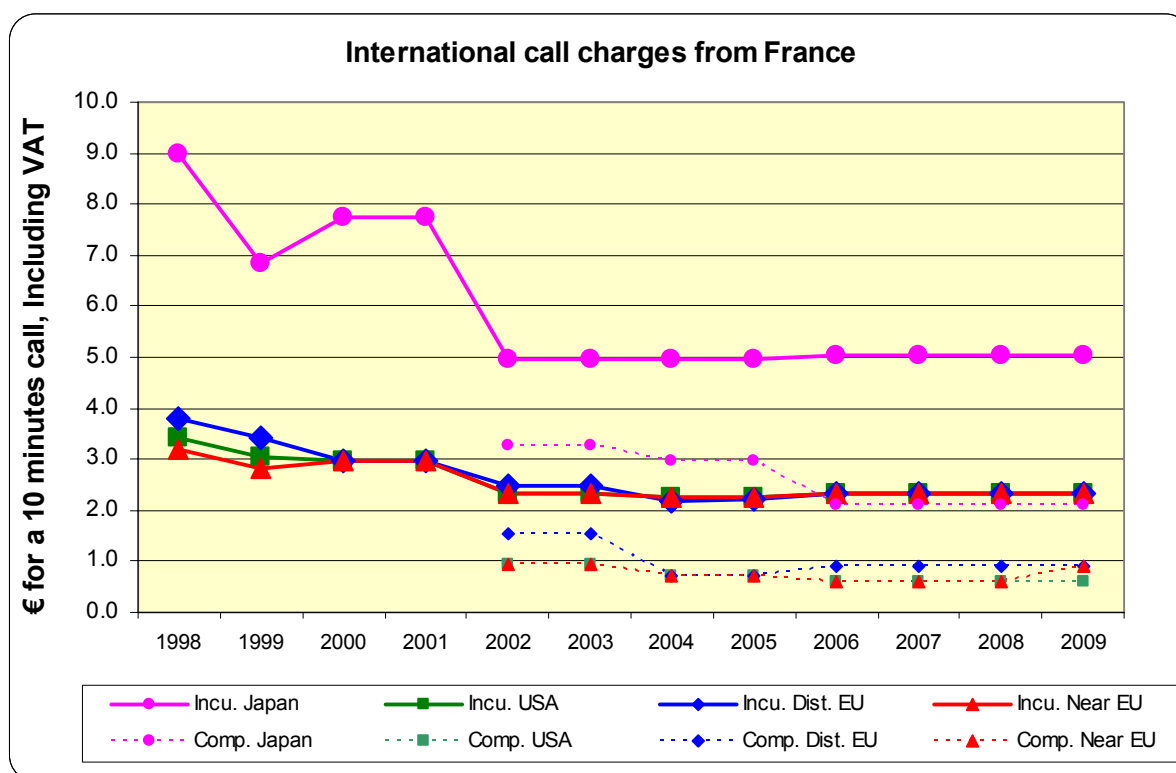


Figure 5.10 Calls from Ireland

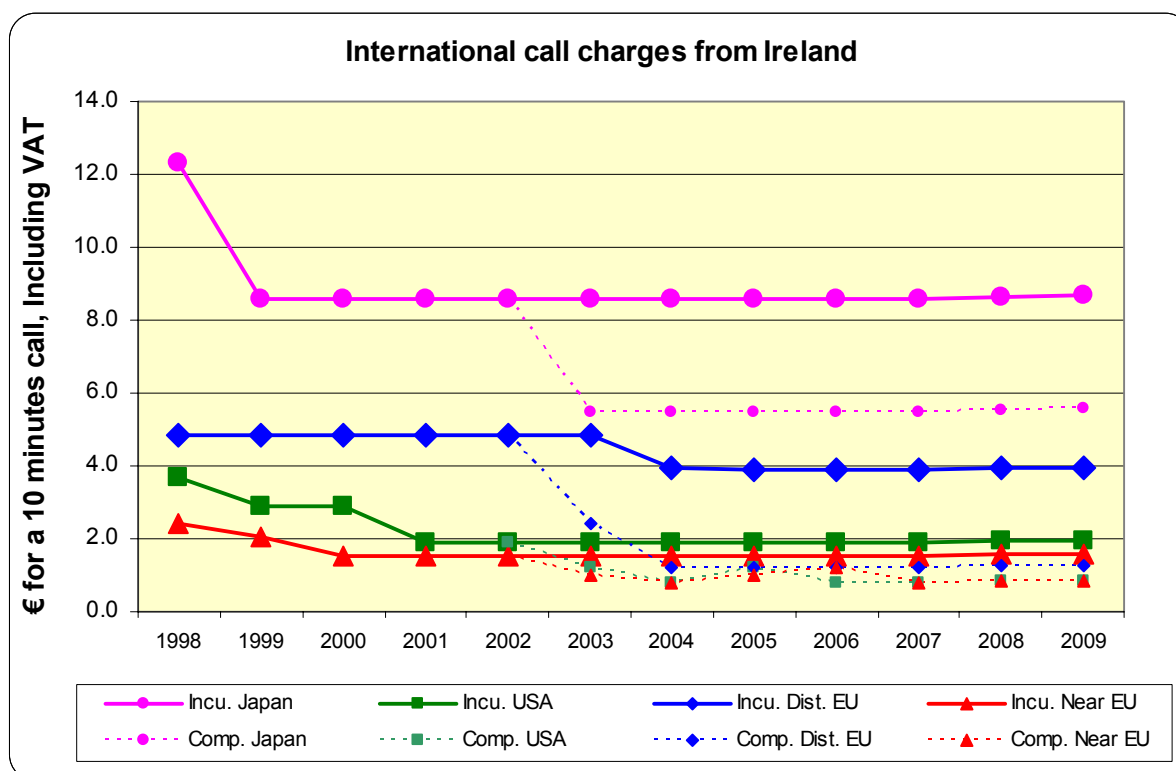


Figure 5.11 Calls from Italy

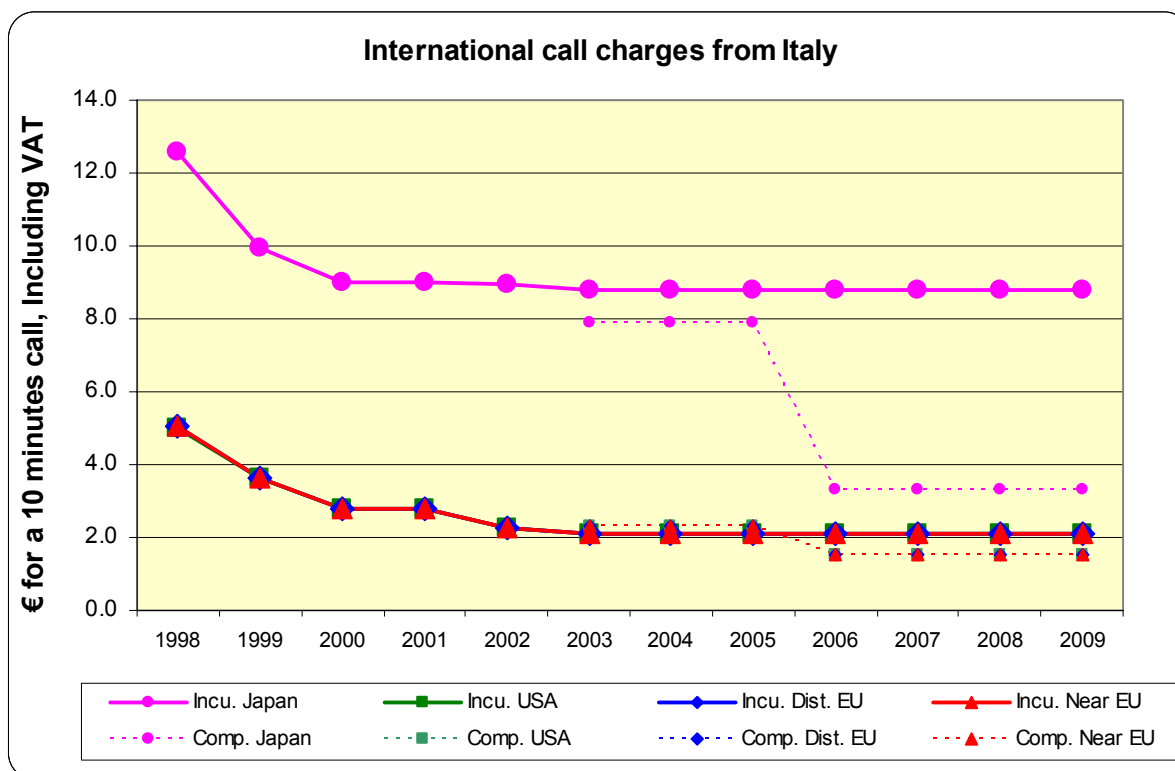


Figure 5.12 Calls from Cyprus

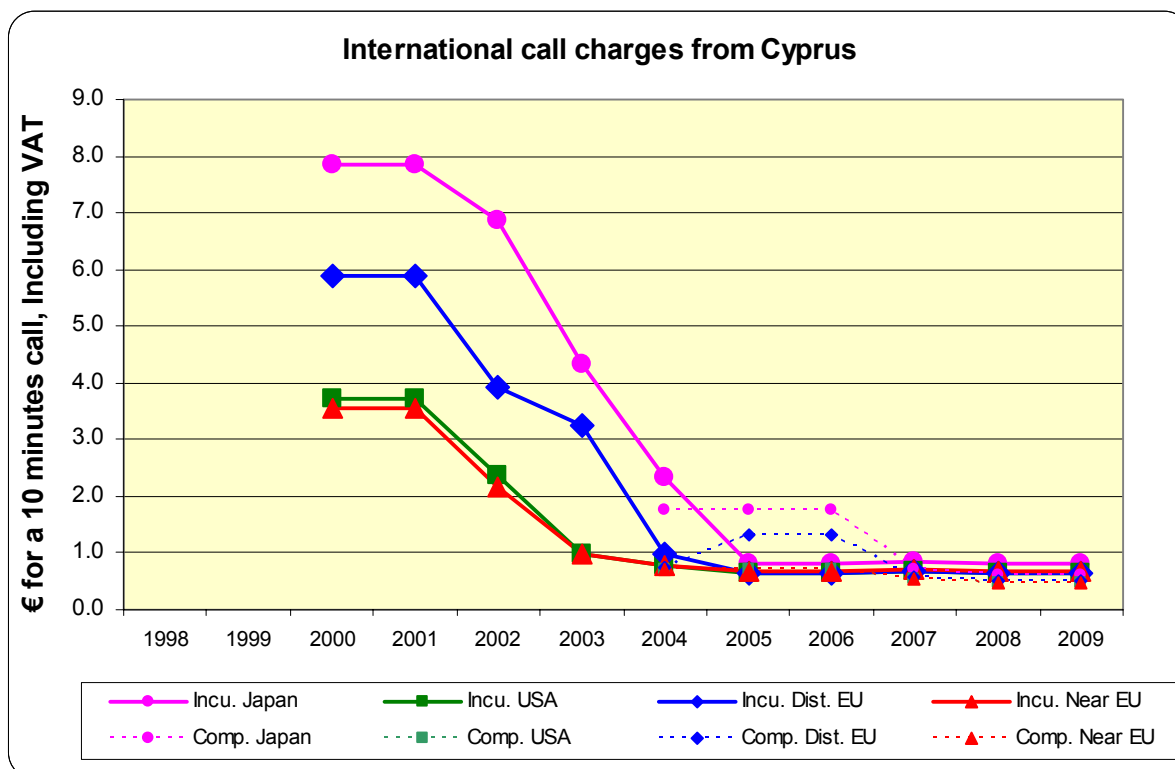


Figure 5.13 Calls from Latvia

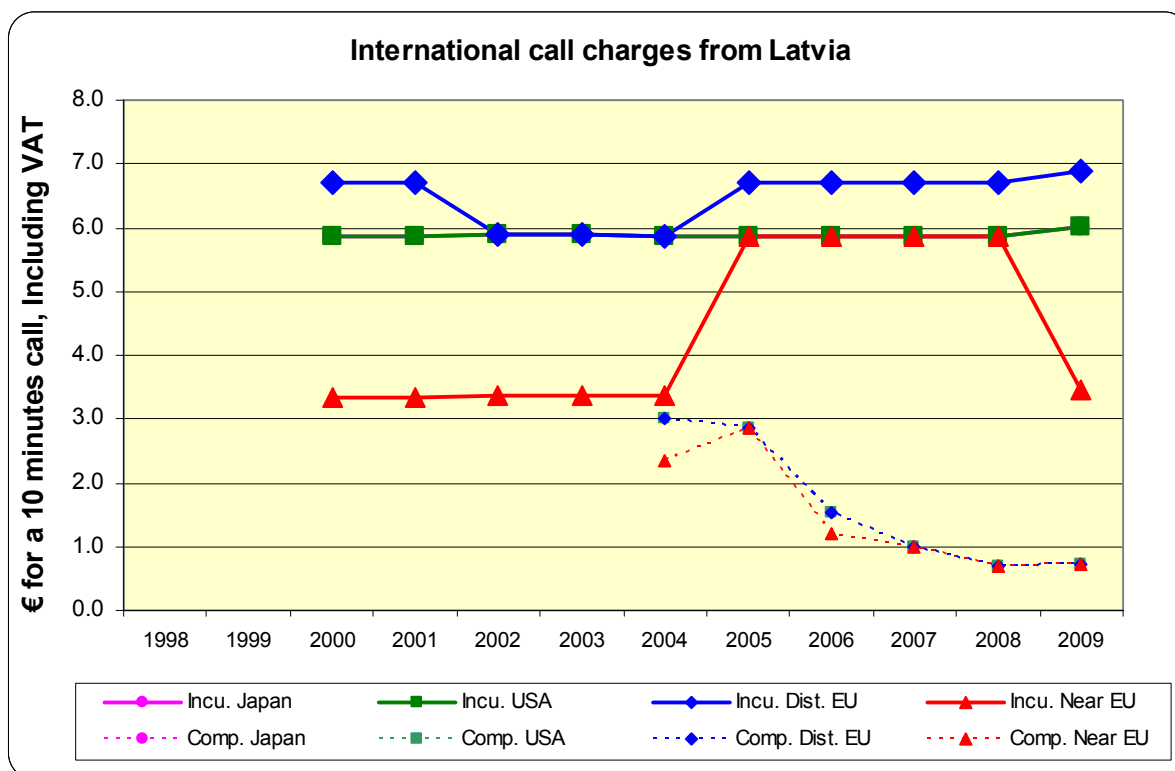


Figure 5.14 Calls from Lithuania

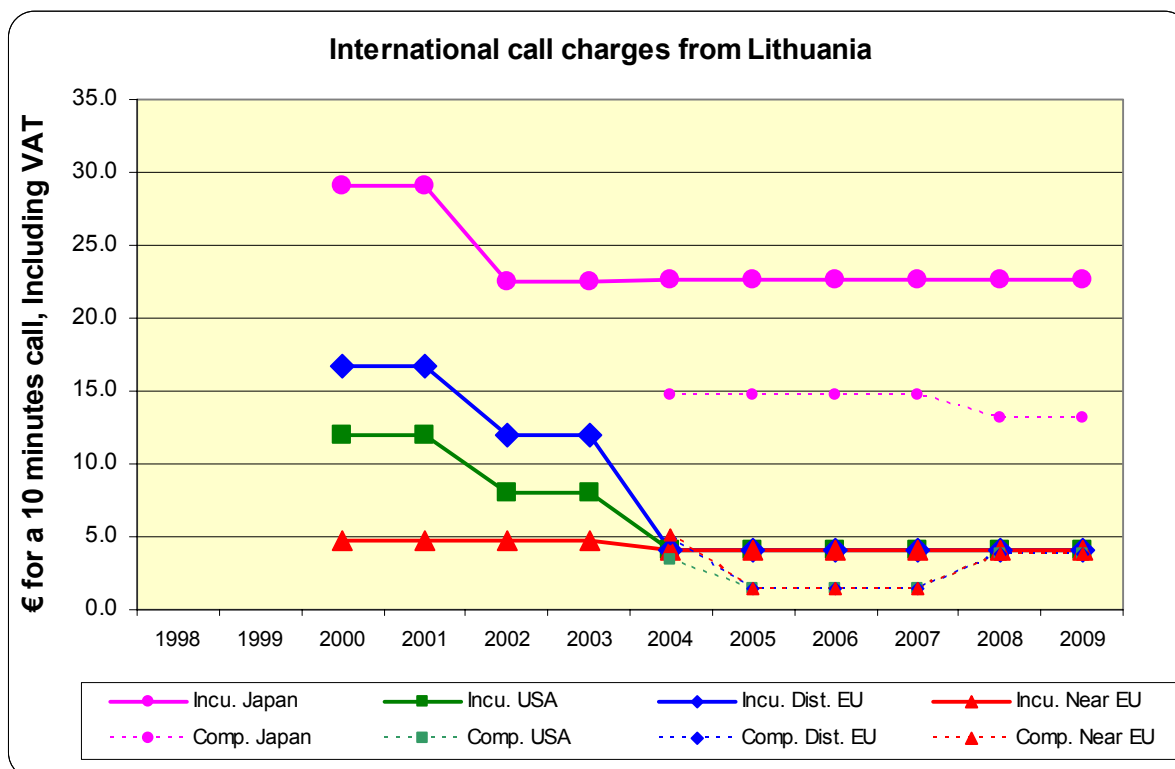


Figure 5.15 Calls from Luxembourg

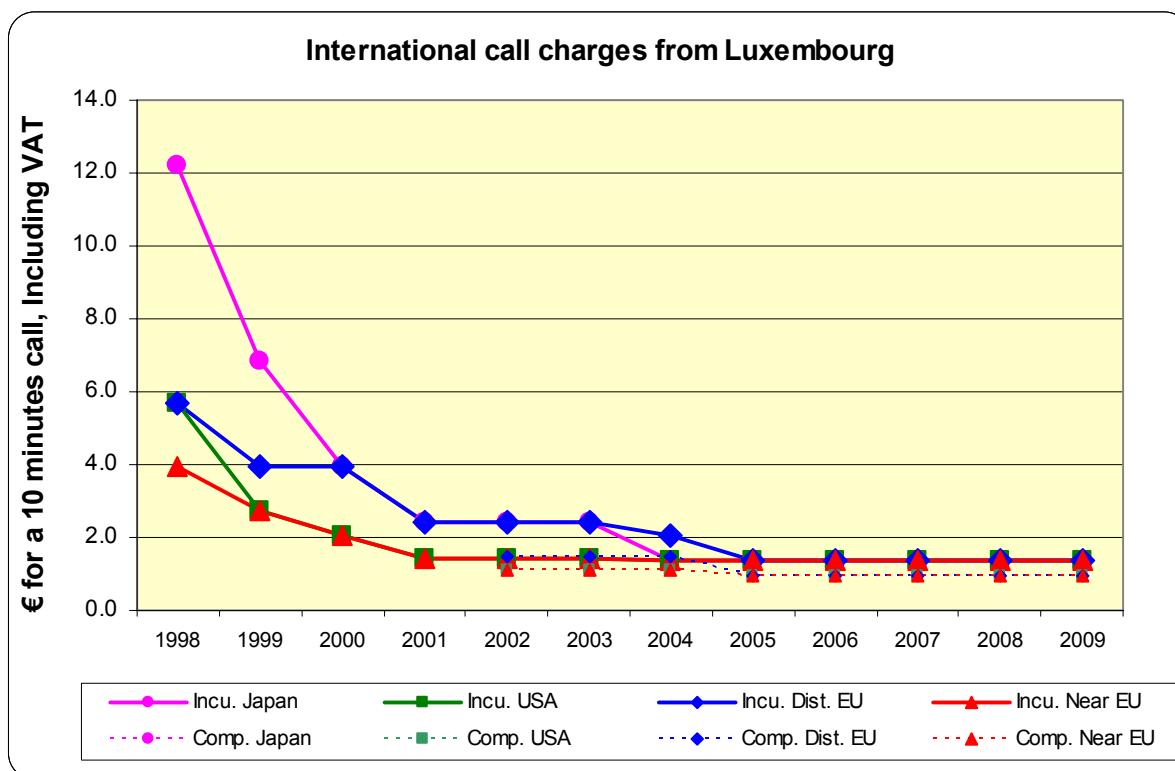


Figure 5.16 Calls from Hungary

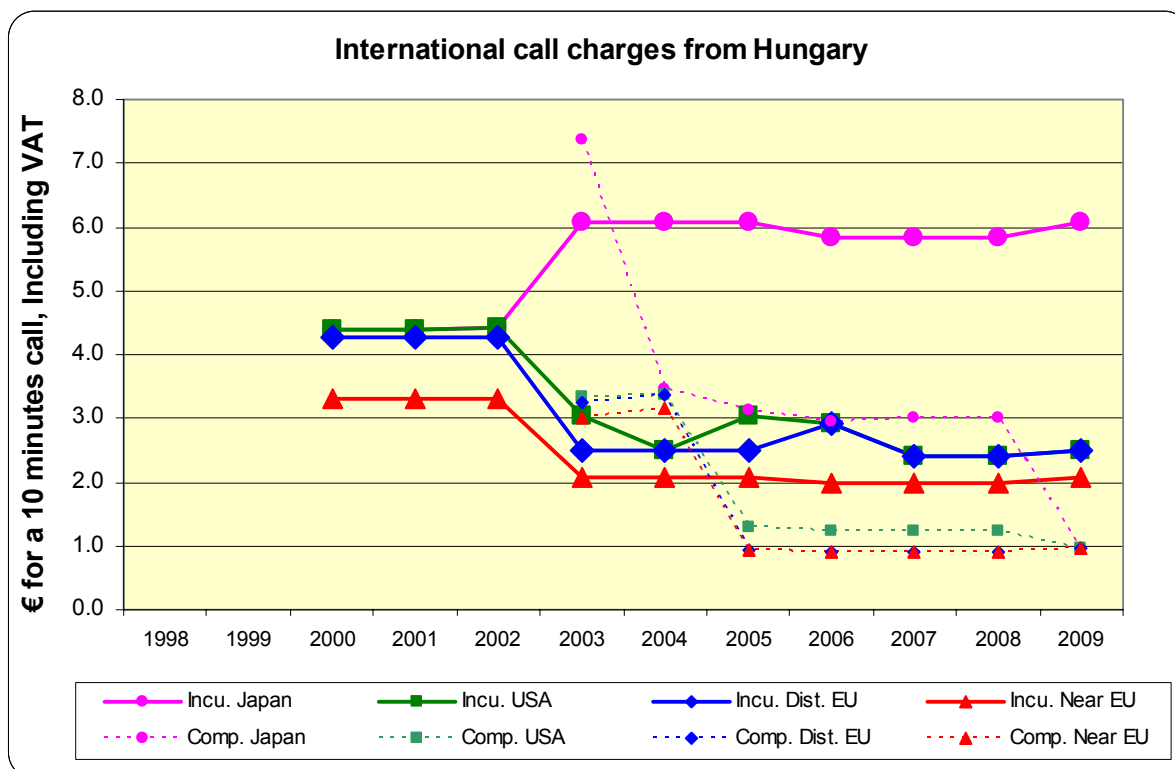


Figure 5.17 Calls from Malta

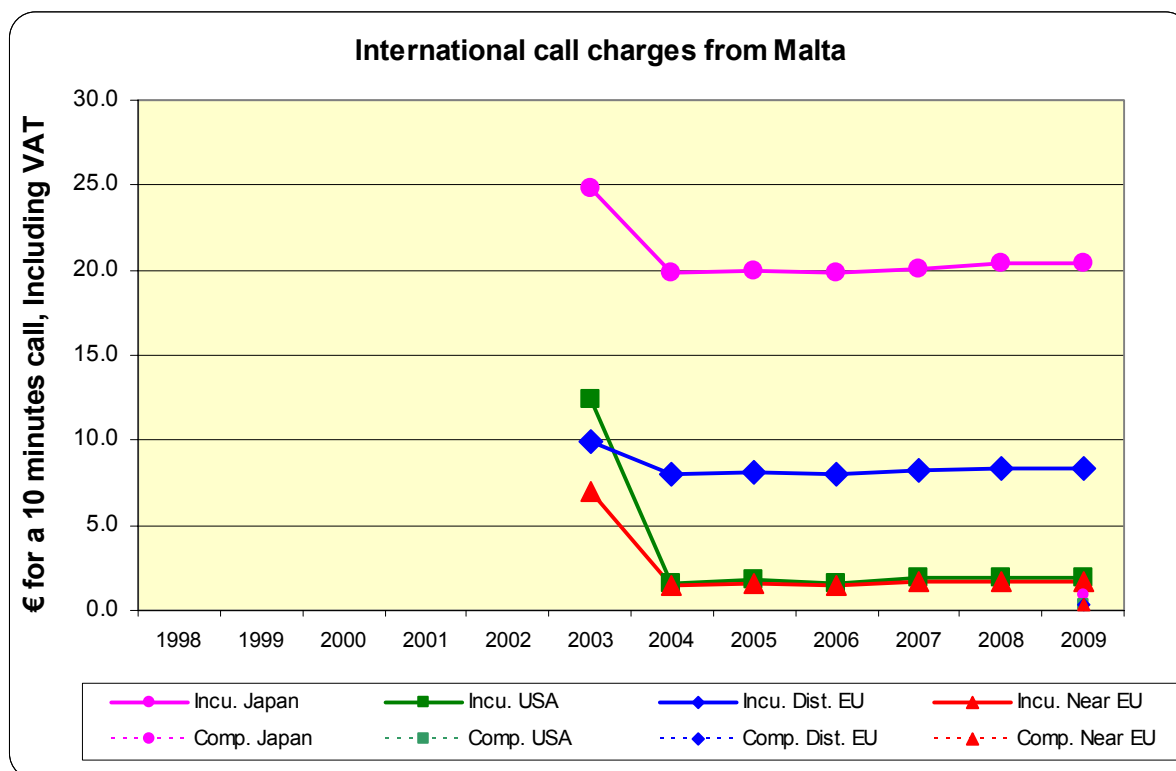


Figure 5.18 Calls from Netherlands

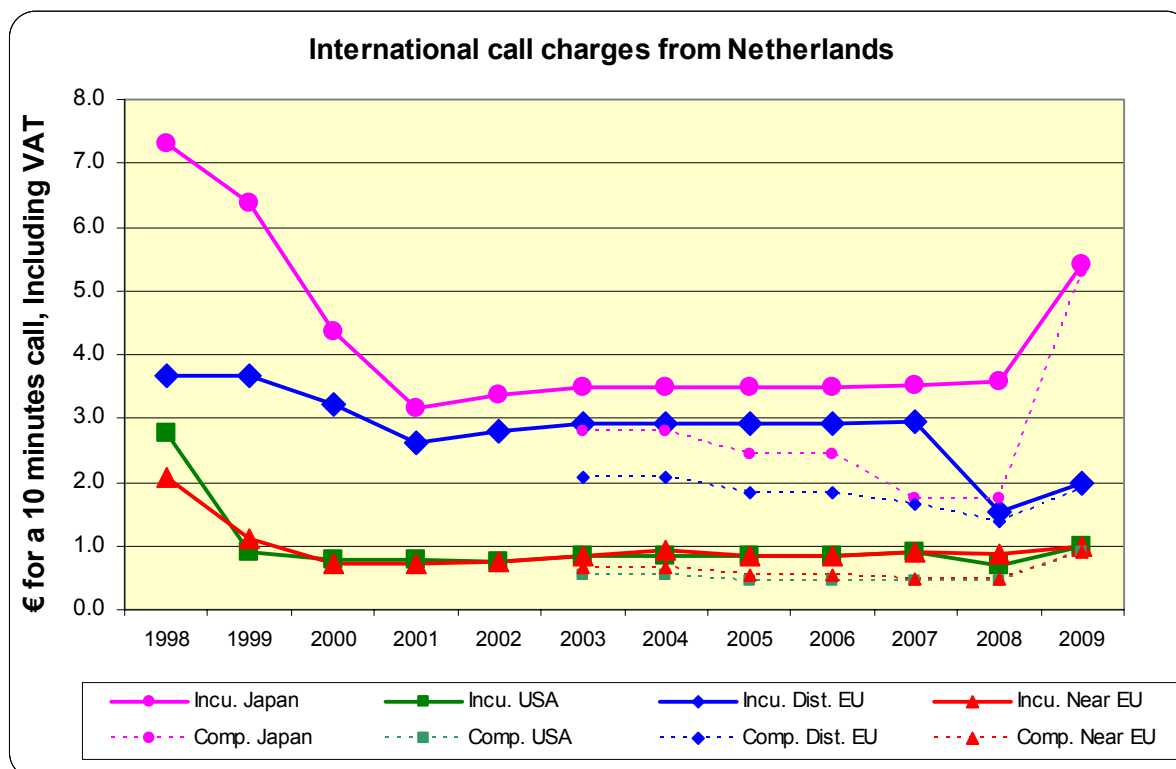


Figure 5.19 Calls from Austria

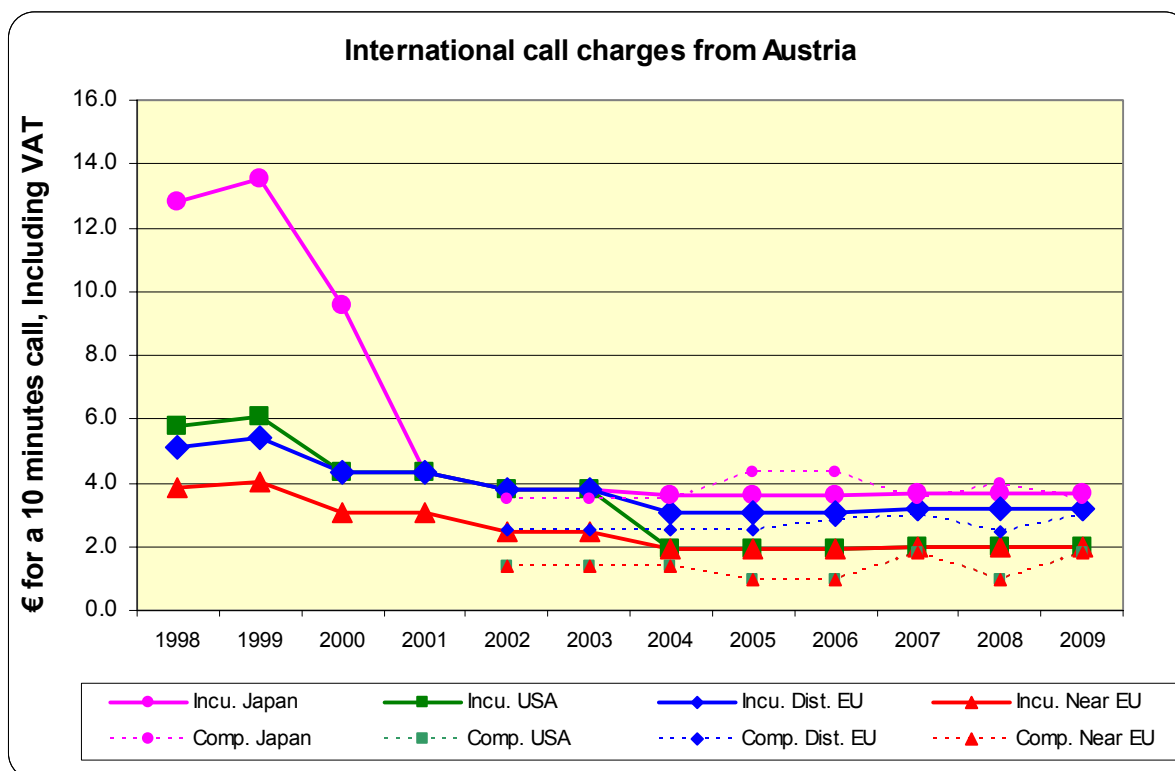


Figure 5.20 Calls from Poland

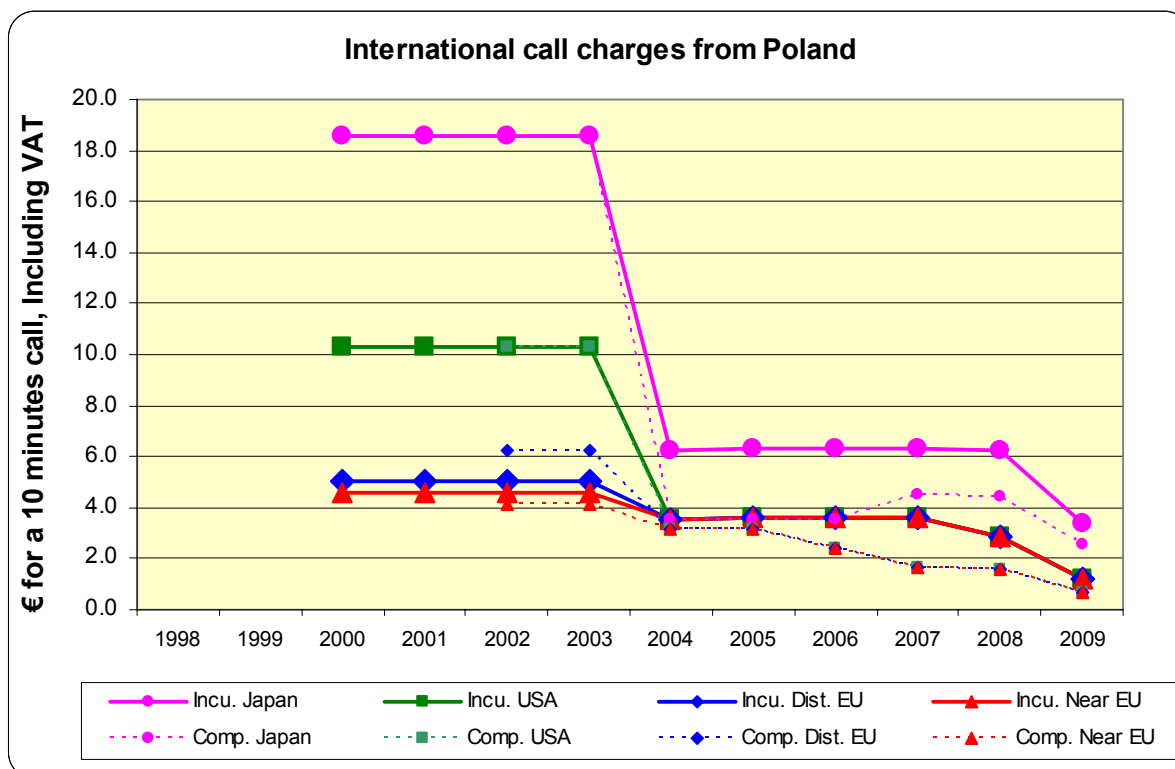


Figure 5.21 Calls from Portugal

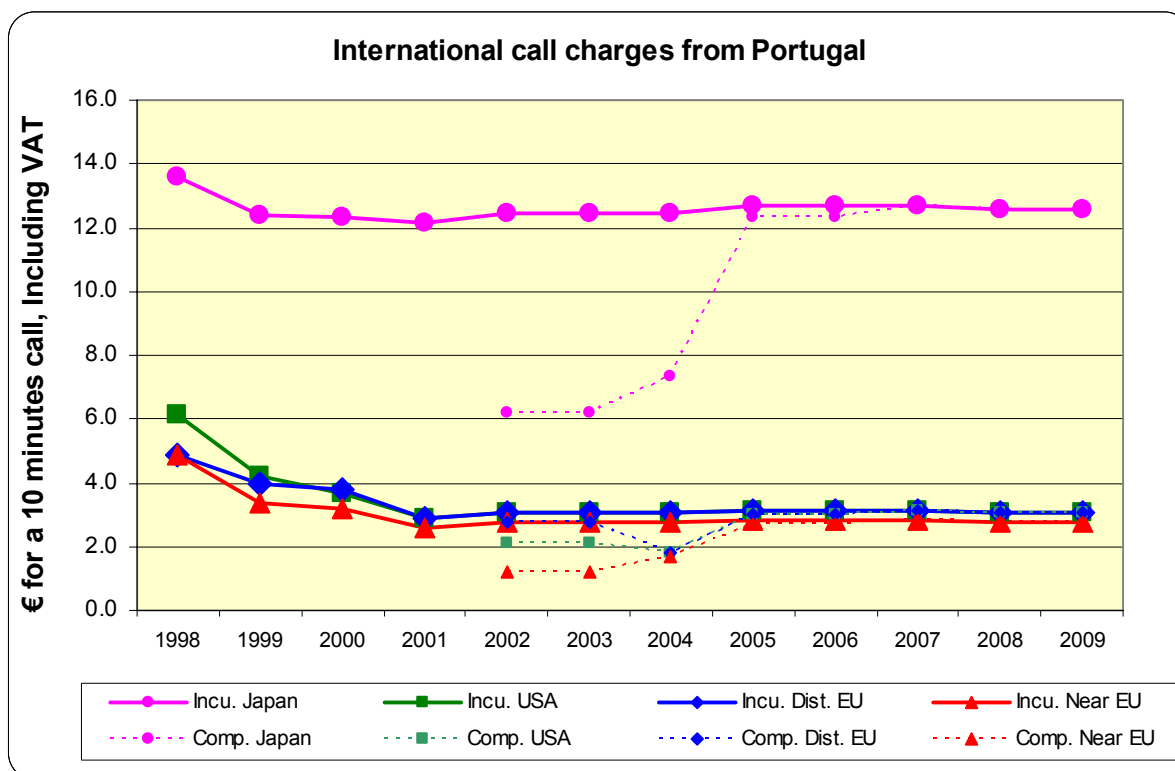


Figure 5.22 Calls from Romania

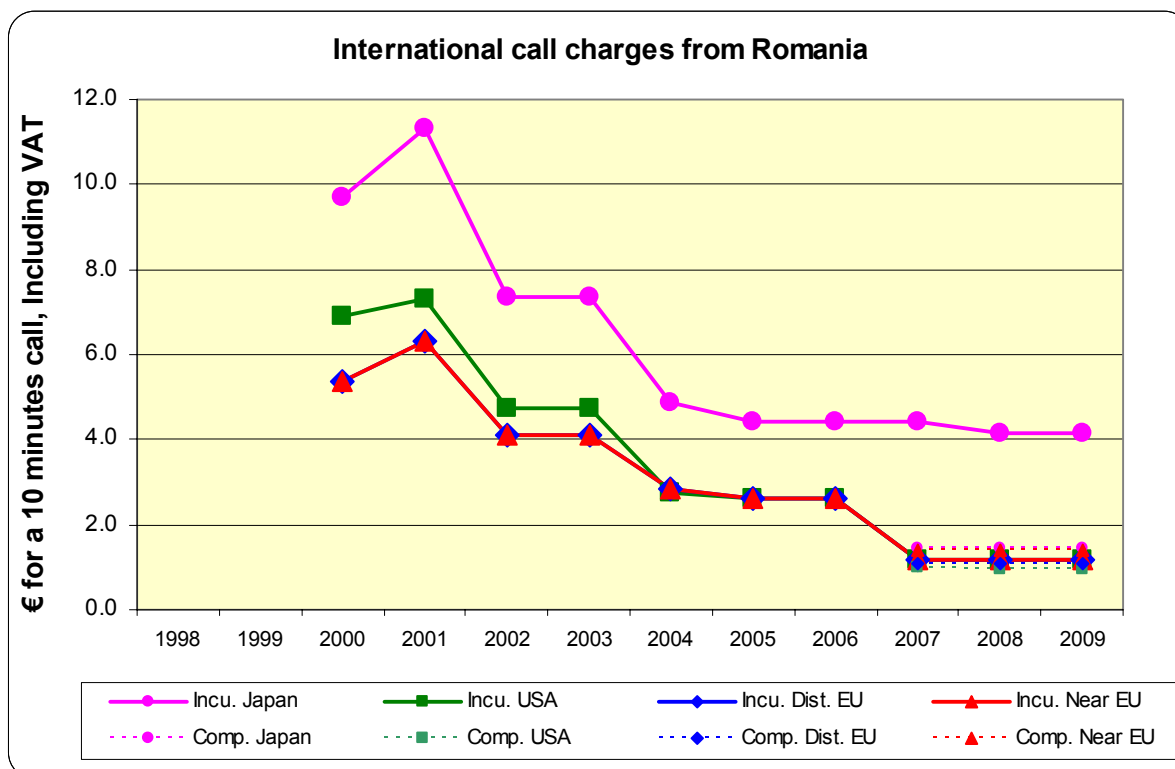


Figure 5.23 Calls from Slovak Republic

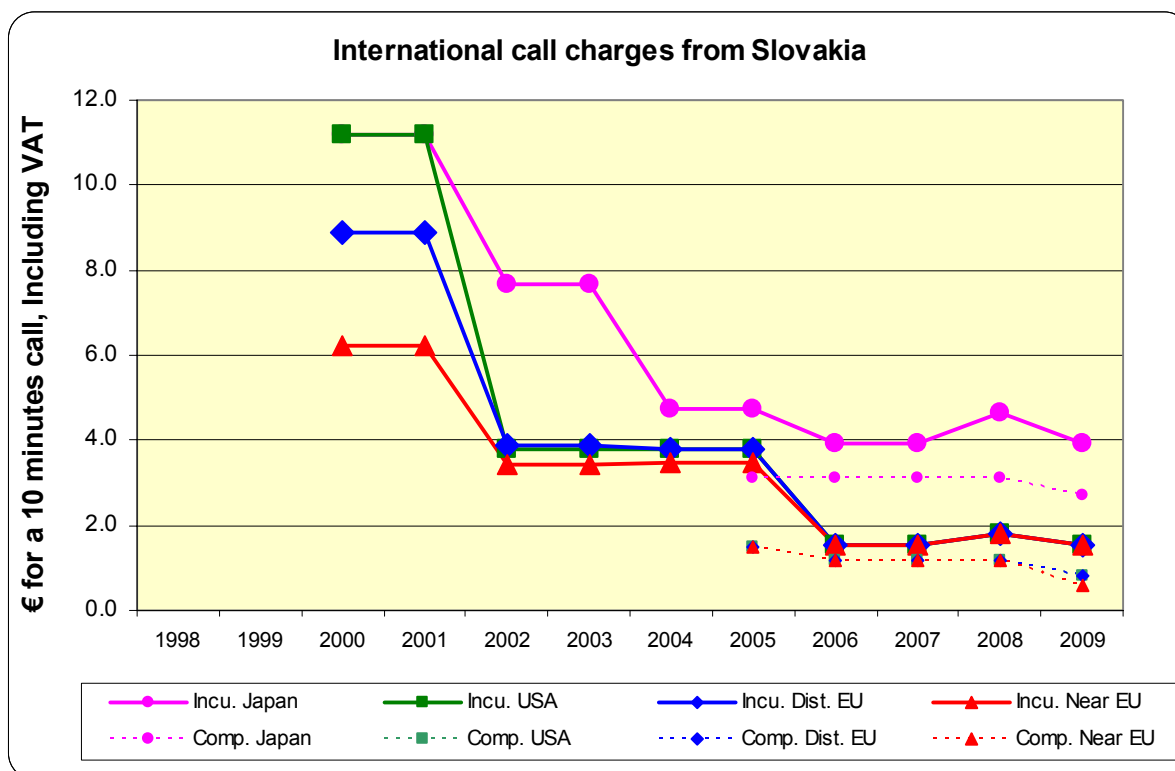
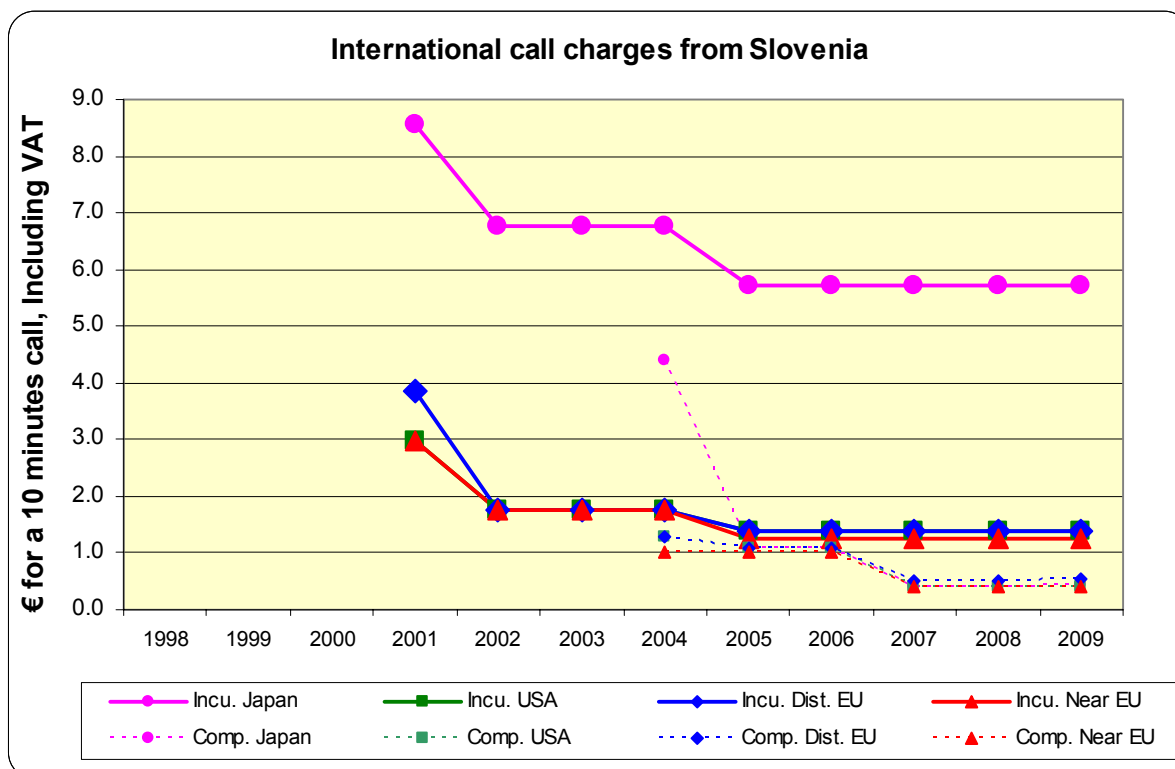


Figure 5.24 Calls from Slovenia



Second operator changed from Voljatel to T-2 in 2007.

Figure 5.25 Calls from Finland

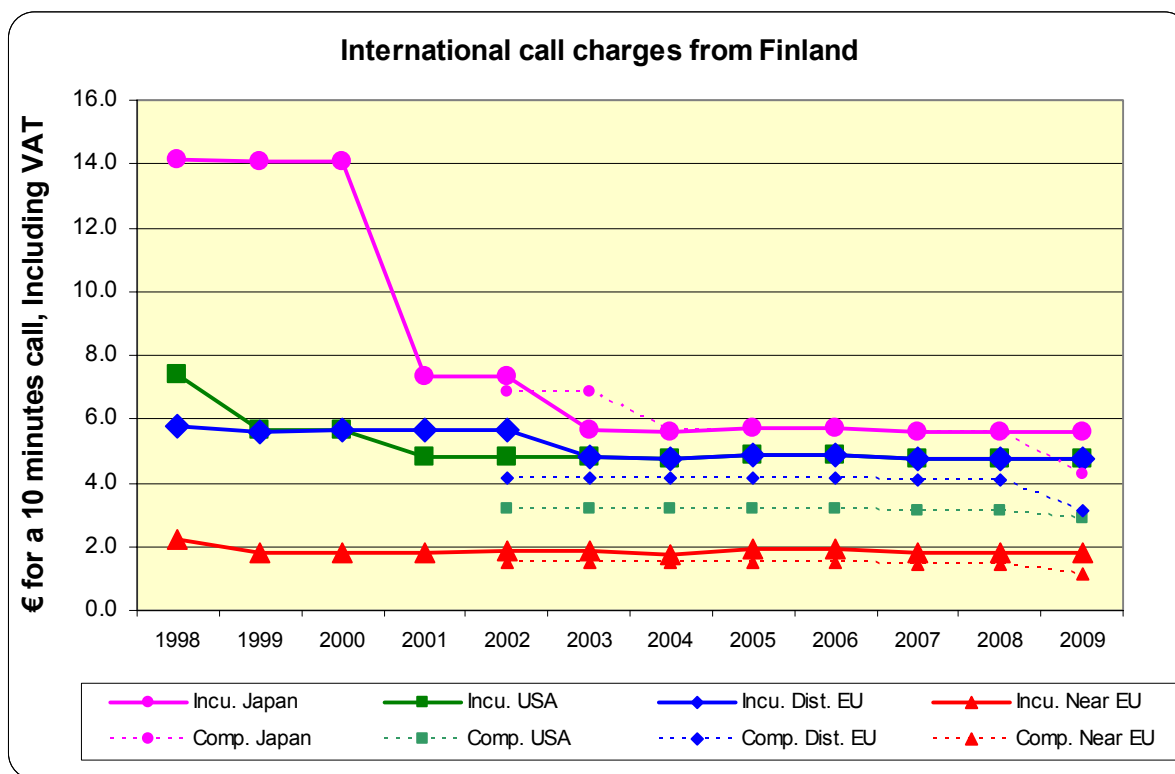


Figure 5.26 Calls from Sweden

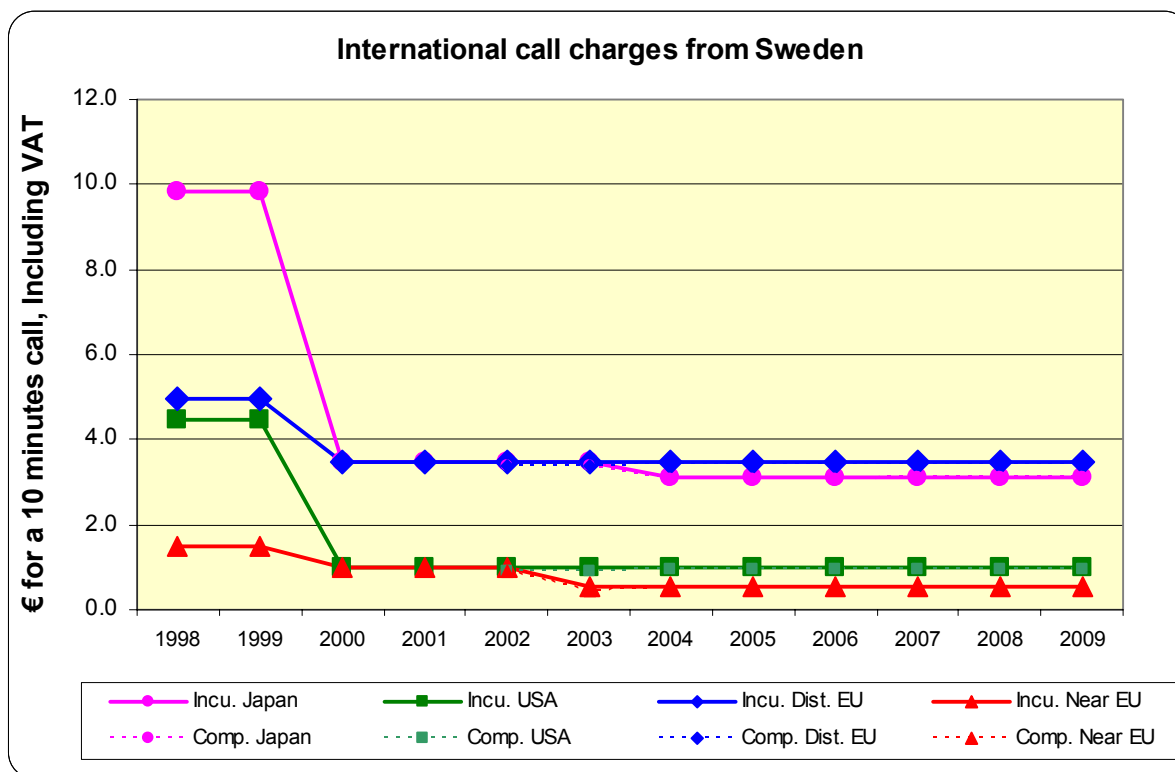


Figure 5.27 Calls from United Kingdom

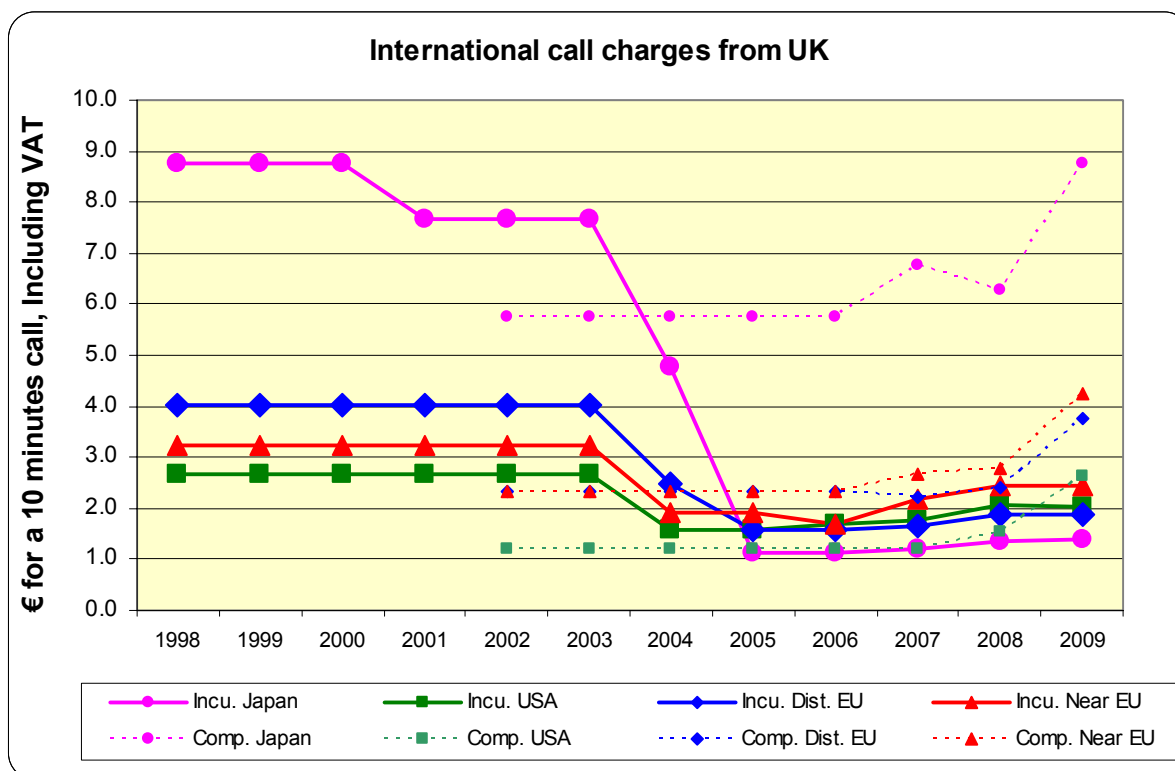


Figure 5.28 Calls from USA

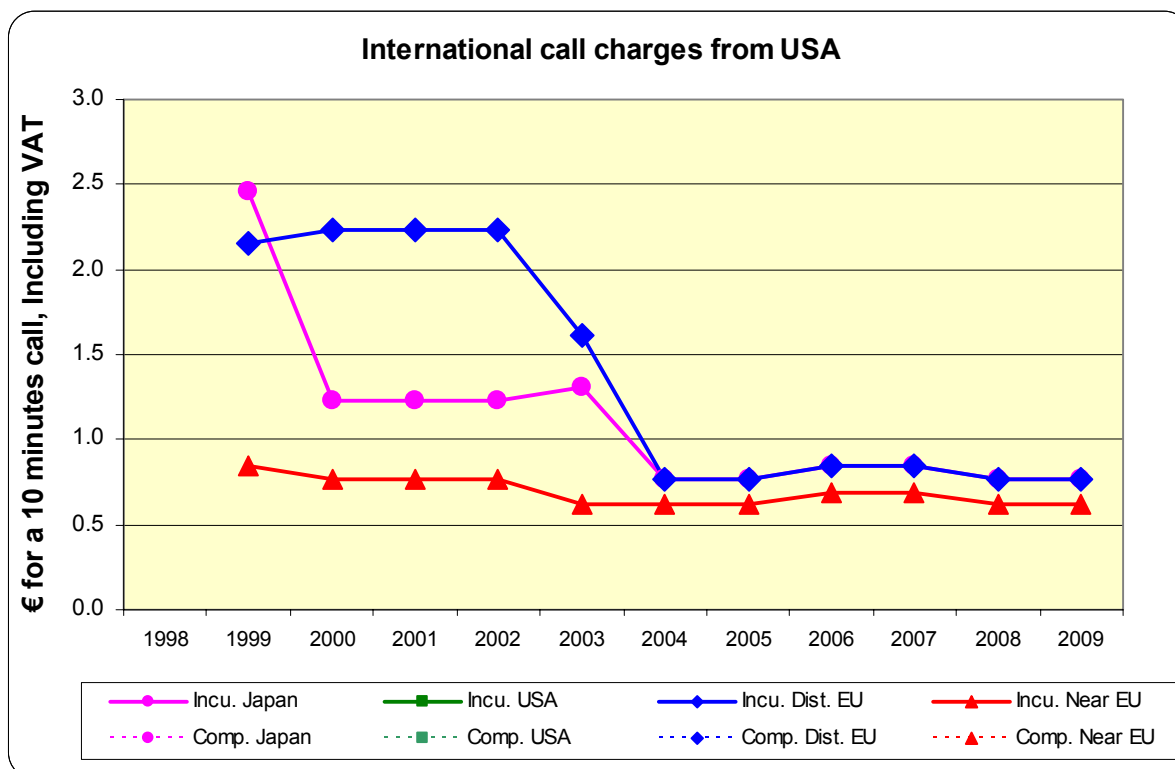
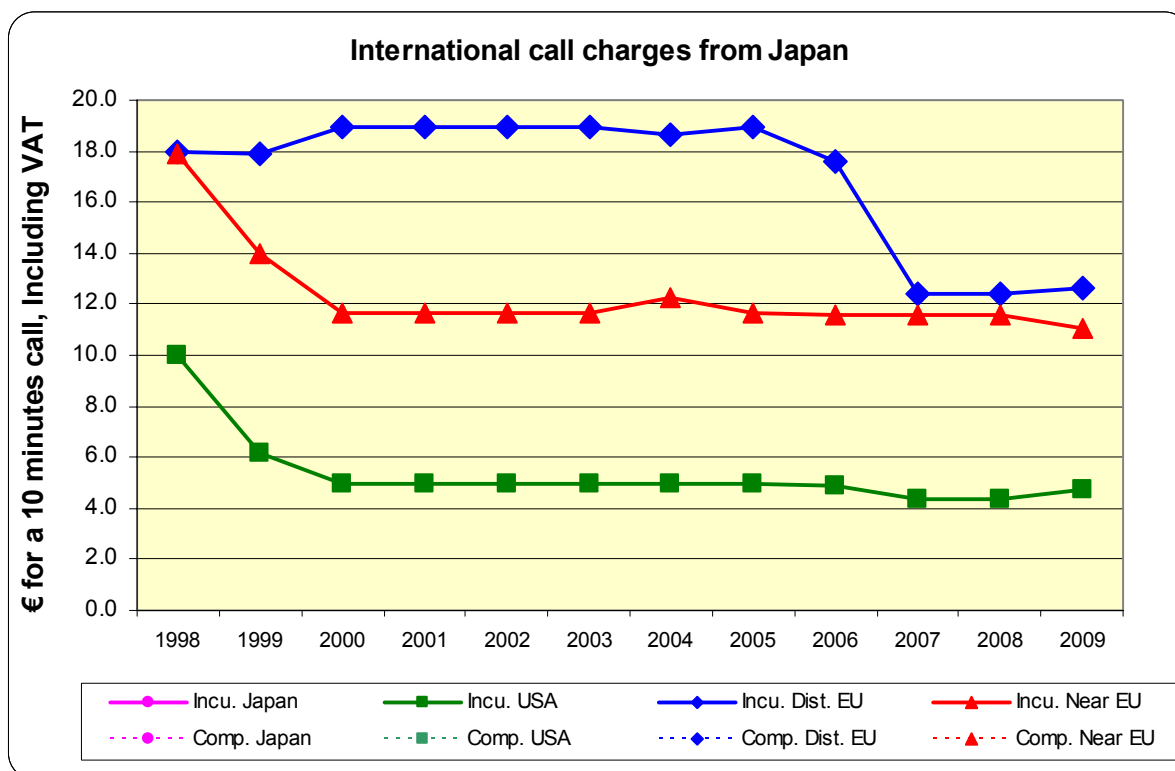


Figure 5.29 Calls from Japan



6. Monthly rental for PSTN

The tables below show the monthly rental for a single PSTN connection, for business and residential customers. The business charges exclude VAT, and the residential charges include VAT.

A number of countries have different rental charges for business and residential customers.

USA data is for Nynex / Bell Atlantic / Verizon in the New York Metro area. Message rate service is assumed, i.e. where local calls are charged on an individual basis.

In Finland and Japan the monthly rental will depend on where in the country the telephone line is connected. The charges shown are for the most densely populated area served by the operator.

Table 6.3 shows the corresponding monthly rental charges for competitor providers in each country. However, many of these operators use indirect access, and will as such not have any monthly charges related to line rental.

Telecoms Price Developments 1998 - 2009

Table 6.1 Incumbent's basic monthly PSTN rental charge for Business customers

Business		Aug 1998	Aug 1999	Aug 2000	Aug 2001	Aug 2002	Aug 2003	Aug 2004	Sep 2005	Sep 2006	Sep 2007	Sep 2008	Sep 2009
Belgium	Belgacom	13.39	13.39	13.39	13.39	13.39	13.64	13.88	14.17	14.17	14.46	15.21	15.21
Bulgaria	Vivacom			4.70	5.37	6.90	8.44	8.44	8.44	8.44	9.20	9.20	9.20
Czech	Telefonica O2			6.88	14.94	14.94	14.94	14.94	19.46	19.46	19.46	19.46	19.46
Denmark	TDC	12.93	12.93	12.93	12.18	12.57	12.79	12.79	12.79	12.79	13.86	14.40	18.43
Germany	Deutsche Telekom	10.94	10.94	10.94	10.94	11.49	11.83	13.50	13.75	13.75	13.76	13.76	22.65
Estonia	Elion			5.74	5.69	5.69	5.69	6.50	6.50	6.50	6.50	6.50	7.71
Greece	OTE	6.02	6.75	7.04	8.22	9.98	9.98	10.49	11.90	12.40	12.40	12.40	12.40
Spain	Telefonica	7.46	8.67	8.67	9.87	11.68	12.62	13.17	13.17	13.43	13.43	13.97	13.97
France	France Telecom	8.99	11.43	11.43	10.49	13.10	13.10	13.10	13.10	12.54	15.00	17.80	18.30
Ireland	Eircom	12.70	13.00	13.87	15.07	16.20	18.59	19.98	19.98	19.98	20.96	20.96	20.96
Italy	Telecom Italia	13.12	13.63	13.63	14.62	15.20	15.20	17.00	15.25	19.20	21.80	22.50	22.50
Cyprus	CYTA			2.14	6.83	6.83	8.54	8.54	11.87	34.17	34.17	13.93	13.93
Latvia	Lattelecom			8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52	8.52
Lithuania	TEO LT, AB			8.83	8.83	8.83	6.87	6.87	6.87	6.87	6.87	6.87	6.70
Luxembourg	P&T Luxembourg	11.90	11.90	11.90	16.01	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Hungary	Magyar Telekom			8.95	11.38	11.38	12.84	12.84	12.84	10.86	12.84	11.16	10.72
Malta	Go						9.96	13.05	13.05	13.05	13.05	13.20	13.20
Netherlands	KPN	15.68	15.68	15.68	15.73	15.73	14.95	15.26	15.26	15.26	15.26	15.53	15.97
Austria	Telekom Austria	16.71	17.44	17.44	18.31	17.44	17.44	18.90	18.90	18.90	18.90	24.92	24.90
Poland	Polish Telecom			6.09	6.09	8.53	8.53	9.75	9.75	9.75	9.73	9.73	9.73
Portugal	Telecom Portugal	10.03	10.47	11.17	11.85	11.85	12.30	12.66	12.98	14.40	14.40	14.40	14.75
Romania	RomTelecom							6.00	8.00	8.00	10.00	10.00	10.00
Slovakia	Slovak Telecom			6.61	6.61	6.61	6.61	11.58	11.58	11.58	11.58	11.58	11.58
Slovenia	Telekom Slovenije			4.23	4.23	8.14	8.93	8.93	8.93	8.93	9.74	9.27	9.26
Finland	TeliaSonera	11.03	11.30	11.30	11.30	11.03	11.03	10.10	10.10	10.10	10.10	10.10	4.90
Sweden	Telia	11.37	11.37	11.37	11.37	11.37	11.37	11.37	11.37	11.37	11.37	12.25	12.94
UK	BT	14.13	14.13	14.46	14.93	15.43	15.57	15.57	15.58	15.58	15.58	16.32	16.89
USA	Verizon	11.35	11.35	11.35	11.35	12.30	12.30	12.75	11.77	11.19	13.95	12.69	12.30
Japan	NTT	19.55	19.55	19.55	19.55	19.55	19.55	19.55	18.80	18.80	18.80	18.95	18.95
EU27 weighted average		11.33	12.00	11.14	11.63	12.66	12.88	13.34	13.40	13.87	14.66	15.33	16.94

Charges in Euro per month, excluding VAT.

Telecoms Price Developments 1998 - 2009

Table 6.2 Incumbent's basic monthly PSTN rental charge for residential customers

Residential		Aug 1998	Aug 1999	Aug 2000	Aug 2001	Aug 2002	Aug 2003	Aug 2004	Sep 2005	Sep 2006	Sep 2007	Sep 2008	Sep 2009
Belgium	Belgacom	16.20	16.20	16.20	16.20	16.20	16.50	16.80	17.15	17.15	17.50	18.40	18.40
Bulgaria	Vivacom			1.47	2.45	4.29	6.13	6.13	6.44	6.44	7.05	7.05	3.99
Czech	Telefonica O2			7.22	11.75	11.75	11.75	11.75	12.93	15.86	15.86	15.86	15.86
Denmark	TDC	16.16	16.16	16.16	15.23	15.72	15.99	15.99	15.99	15.99	17.33	18.00	18.00
Germany	Deutsche Telekom	12.69	12.69	12.69	12.69	13.33	13.72	15.66	15.95	15.95	16.37	16.37	18.95
Estonia	Elion			3.20	3.20	3.20	3.20	6.26	6.26	6.26	6.26	6.26	6.33
Greece	OTE	7.10	7.96	8.31	9.70	11.78	11.78	12.38	14.16	14.76	14.76	14.76	14.76
Spain	Telefonica	8.66	10.05	10.05	11.45	13.54	14.64	15.28	15.28	15.58	15.58	16.21	16.21
France	France Telecom	10.37	11.89	11.79	12.55	13.00	13.00	13.00	13.99	15.00	16.00	16.00	16.00
Ireland	Eircom	18.59	15.73	16.78	18.24	19.60	22.49	24.18	24.18	24.18	25.36	25.36	25.46
Italy	Telecom Italia	10.10	10.41	11.16	12.83	14.88	14.57	14.57	14.57	14.57	14.57	14.57	16.08
Cyprus	CYTA			2.46	7.86	7.86	9.82	9.82	12.67	13.66	13.66	16.02	16.02
Latvia	Lattelecom			5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.02	5.15
Lithuania	TEO LT, AB			4.92	4.92	4.92	6.66	6.66	6.66	6.66	6.66	6.66	6.66
Luxembourg	P&T Luxembourg	13.68	13.68	13.68	18.42	18.40	18.40	18.40	18.40	18.40	18.40	18.40	18.40
Hungary	Magyar Telekom			8.32	10.59	10.59	11.78	11.78	12.44	12.44	13.17	13.17	13.95
Malta	Go						4.97	6.46	5.91	5.91	5.91	5.99	5.99
Netherlands	KPN	15.70	15.70	15.70	16.43	17.20	17.79	18.16	18.16	18.16	19.00	18.00	17.00
Austria	Telekom Austria	13.08	17.44	17.44	18.49	15.98	15.98	15.98	15.98	15.98	15.98	15.98	15.98
Poland	Polish Telecom			7.43	7.43	10.40	10.40	10.40	12.18	12.18	12.18	12.18	11.88
Portugal	Telecom Portugal	11.73	12.26	13.07	13.86	14.10	14.64	15.07	15.32	15.32	15.32	15.19	15.19
Romania	RomTelecom							3.94	5.83	9.28	9.28	8.21	8.21
Slovakia	Slovak Telecom			7.86	7.86	7.86	7.86	9.84	9.84	9.84	9.84	9.84	9.84
Slovenia	Telekom Slovenije			5.03	5.03	9.76	10.72	10.72	10.72	10.72	11.69	11.12	11.11
Finland	TeliaSonera	13.45	13.79	13.79	13.79	13.46	13.46	11.77	11.77	11.77	8.24	8.24	8.24
Sweden	Telia	10.29	10.29	10.29	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25	14.21
UK	BT	10.08	10.09	10.51	11.34	10.79	10.79	13.06	11.93	12.49	12.49	11.93	12.78
USA	Verizon	5.08	5.08	5.08	5.08	6.12	6.12	6.62	6.11	7.57	9.11	9.68	11.05
Japan	NTT	13.55	13.55	14.47	14.47	14.47	14.47	14.47	14.06	14.06	14.06	13.90	13.26
EU27 weighted average		11.16	11.72	11.03	11.89	12.79	13.06	13.39	13.74	14.19	14.44	14.38	15.04

Charges in Euro per month, including VAT.

* UK (BT) charge for 2000 includes a call allowance of GBP 0.80 per month, for 2001 an allowance is GBP 1.30 per month, and for 2002 an allowance of GBP 1.80 per month. From 2004 other tariffs are used, with no call allowance, but lower call charges.

Table 6.3 Competitor's monthly PSTN rental charge

Monthly rental	Competitors	Business	Residential
Belgium	Telenet	15.10	18.27
Bulgaria	Orbitel	Indirect	Indirect
Czech	České Radiokomunik	13.33	15.86
Denmark	Telenor	14.19	17.73
Germany	Vodafone	16.76	19.95
Estonia	Starman	3.14	3.77
Greece	Wind	Multiplay only	Multiplay only
Spain	Ono	Indirect	Indirect
France	SFR	Indirect	Indirect
Ireland	BT Ireland	20.96	25.46
Italy	Wind	Indirect	Indirect
Cyprus	Primetel	Indirect	Indirect
Latvia	Telecom Baltija	7.10	8.59
Lithuania	Eurocom	Indirect	Indirect
Luxembourg	Tango	16.00	18.40
Hungary	Invitel	Indirect	Indirect
Malta	Melita		5.99
Netherlands	Tele2	15.00	17.00
Austria	Tele2	20.00	Indirect
Poland	Netia	11.94	8.53
Portugal	Sonaecom	15.40	Indirect
Romania	RCS&RDS	indirect	indirect
Slovakia	GTS Slovakia	11.59	Indirect
Slovenia	T-2	3.33	4.00
Finland	Elisa	10.20	12.45
Sweden	Tele2	11.27	11.67
UK	Virgin Media	Not available	12.49

Charges in euro per month, excluding VAT for Business, and including VAT for Residential.

7. National mobile services

The analysis of national (as opposed to roaming) mobile services is based on the OECD baskets for digital mobile services, as provided by Teligen in the latest T-Basket update. Due to significant changes in usage patterns the OECD baskets have been redefined with effect from August 2002, and again from February 2006⁴. There are 3 different baskets, based on low, medium and high usage levels.

In **section 7.1** the 2002 OECD basket definitions are used with Post-paid packages only. Some of the main properties of the 2002 version of the baskets are:

- Low usage basket with:
25 outgoing calls (37 minutes) per month + 30 SMS messages
42% of calls are to fixed line phones, 58% to mobile phones
- Medium usage basket with:
75 outgoing calls (148 minutes) per month + 35 SMS messages
36% of calls are to fixed line phones, 64% to mobile phones
- High usage basket with:
150 outgoing calls (315 minutes) per month + 42 SMS messages
40% of calls are to fixed line phones, 60% to mobile phones

In the following **section 7.2** the 2006 OECD basket definitions are used with Post-paid packages only. Some of the main properties of the 2006 version of the baskets are:

- Low usage basket with:
30 outgoing calls (44 minutes) per month + 33 SMS messages + 2/3 MMS
22% of calls are to fixed line phones, 70% to mobile phones, 8% to voicemail
- Medium usage basket with:
65 outgoing calls (114 minutes) per month + 50 SMS messages + 2/3 MMS
21% of calls are to fixed line phones, 72% to mobile phones, 7% to voicemail
- High usage basket with:
140 outgoing calls (246 minutes) per month + 55 SMS messages + 1 MMS
20% of calls are to fixed line phones, 73% to mobile phones, 7% to voicemail

In the following **section 7.3** the 2006 OECD basket definitions are used for analysis of prices for Pre-paid packages only. The Low usage basket has been determined appropriate for this.

In **section 7.4** the 2006 OECD basket definitions are again used, but now all tariffs for both Pre- and Post-paid packages are included in the analysis. The main properties of the 2006 version of the baskets are shown above.

The voice call volumes are defined on the basis of number of calls, the number of minutes indicated are calculated from the number of calls, the call durations, and the call distributions.

Each basket also has a unique definition of time of day distribution and call durations, and includes the monthly rental, and any registration charges distributed over 3 years.

⁴ The OECD baskets are also under revision in 2009, but the new baskets will not be adopted and implemented until after the preparation of this report.

The principles of the 2006 version of the baskets are the same as for the 2002 version, with some additional elements:

- Inclusion of MMS in the basket
- Both MMS and SMS are separated for peak and off-peak times, and on-net and off-net destinations.
- Voicemail is included in the baskets.
- Off-net calls can be directed to several networks.
- The methodology for calculating the effects of allowances has been improved.

Because of the added elements in the 2006 version of the baskets there is not consistent data for using the 2006 version for the years before 2006. The time series analysis in **section 7.5** will use both the basket definitions from 2002 (for the period 2002 – 2009) and the basket definitions from 2006 in separate graphs (for the period 2006 – 2009). The main tariff data is the same for both basket versions.

The definition of the OECD baskets include the criteria to cover at least 50% of the market share of each country, based on available subscriber numbers. This will normally include the two largest operators in each country. In some countries, like the UK, there are several operators with about equal size customer base. Showing only two operators may not give a completely correct picture of the mobile service market in that country.

All relevant packages from each operator are considered, but the final results presented here only show the cheapest package for each basket. Results are shown as Fixed (registration and monthly rental) and Usage (cost of calls and messages). Included minutes, messages and/or values are covered in the analysis.⁵

Please note that the calculation of call costs do include billing system parameters (i.e. whether a call is billed per second or by another unit like 10 seconds or whole minute). Call set up charges, minimum call cost and initial call periods are also included. However, call duration distribution around the specified call duration is not included in the current version of the baskets.

The asterisk (*) behind the package name means that the package name and most probably its structure has changed between the updates. The package chosen at any time is the cheapest package from that provider for the usage profile in question. This may give rise to significant apparent price changes over time, when new tariff packages are introduced.

In Poland the operators are now Orange and Plus against Orange and Era for previous years. Any price changes for Plus is due to this change.

The balance of fixed and usage in the mobile baskets will vary considerably between countries, as the preferred packages in some countries contain a lot of calling time included in the fixed charge, hence a higher fixed charge.

All prices in the tables and graphs are given in Euro per month, including VAT.

All averages are simple, un-weighted averages across the EU countries, as specified.

⁵ It has been established that the original calculation of included values or allowances produced misleading results in some cases, when the included value or allowance does not cover all types of calls. This has been corrected in the 2006 revision of the OECD baskets, but the allowance benefit for preceding years may be slightly under-stated.

Please note:

A basket methodology is based on combining a usage profile with relevant tariffs. The OECD baskets are created for international comparisons, and each basket describes a theoretical user based on research supported by operators in a large number of OECD countries. However, this does not imply that any of the OECD baskets describe the typical usage as found in any specific country, and as such none of the OECD baskets should be assumed to describe any average usage in any country.

The results from the OECD baskets show the cost experienced by a theoretical user behaving as described in the basket, if this user was using any of the tariffs included in the analysis. This does not imply that the basket usage is optimal for any country, or that the cost achieved is the lowest cost possible for a real user in that country.

Tables and graphs start on next page.

7.1. Mobile service baskets, 2002 version

Table 7.1 Low usage basket results using 2002 version of the OECD basket, data for 2009

Low usage basket 2009	Fixed	Usage	Total
Austria, Mobilkom, bob vierer	-	2.91	2.91
Austria, T-Mobile, Call Easy *	10.36	7.50	17.86
Belgium, Mobistar, MyComfort My5 *	5.00	5.72	10.72
Belgium, Proximus, Smile Bundle €10 + WE On-net	10.00	0.80	10.80
Bulgaria, Globul, 30+	6.13	3.70	9.83
Bulgaria, M-Tel, M-Tel Fix F&F benefit not included *	3.53	6.09	9.62
Cyprus, CYTA, Lite	2.52	2.59	5.11
Cyprus, MTN, MTN PM Flex *	2.54	2.79	5.34
Czech, O2, Neon S *	11.90	0.67	12.57
Czech, T-Mobile, T 30 *	7.24	4.13	11.37
Denmark, Telenor, Tale XS *	0.74	7.49	8.23
Denmark, TDC Mobil, Simply	0.37	6.15	6.52
Estonia, EMT, EMT Noova 95 *	0.82	8.69	9.51
Estonia, Tele2, PRO 50 *	0.21	4.52	4.73
Finland, Elisa, Oiva *	2.07	5.30	7.37
Finland, Sonera, TeleFinland - Perus *	0.77	5.52	6.29
France, Orange, Zap 11-18 15 euro/24 months	15.00	1.91	16.91
France, SFR, Forfait Bloques 17.90 euro 24 months *	17.90	-	17.90
Germany, T-Mobile, Relax 60 *	10.64	5.70	16.34
Germany, Vodafone, SuperFlat Wochenende SIM only *	5.64	14.05	19.69
Greece, Cosmote, Zero Free	-	12.57	12.57
Greece, Vodafone, Vodafone No Fee	-	14.34	14.34
Hungary, Pannon, djuice Complete Basic *	9.91	-	9.91
Hungary, T-Mobile, MobilOtthon Premium *	2.09	7.59	9.68
Ireland, O2, Clear 50 18 month	15.07	3.00	18.07
Ireland, Vodafone, Simply 30 day SIM only *	20.00	-	20.00
Italy, TIM, Easy TIM New	0.14	13.50	13.64
Italy, Vodafone, Vodafone Zero Limits *	-	13.95	13.95
Latvia, LMT, Equal 2 *	-	4.97	4.97
Latvia, Tele2 Latvia, Brivais 3 *	-	4.26	4.26
Lithuania, Omnitel, Asmeninis 15 - 12 Month Contract *	-	4.42	4.42
Lithuania, Tele2, Mini *	-	3.94	3.94
Luxembourg, LuxGSM, Basic	-	8.60	8.60
Luxembourg, Tango, Knock-out	-	7.20	7.20
Malta, Go, Go Together	14.30	3.13	17.44
Malta, Vodafone Malta, Freedom *	12.00	5.55	17.55
Netherlands, KPN, SIM-only €12.50 24 Month *	8.64	-	8.64
Netherlands, Vodafone, SIM only 12.50 - 2 year *	6.51	1.77	8.29
Poland, Plus, Minutowa 1400 *	0.33	6.43	6.76
Poland, Orange, poznaj nową taryfę 25	6.09	1.46	7.55
Portugal, TMN, Flat S	-	15.27	15.27
Portugal, Vodafone, Plano Best Total Base *	15.27	-	15.27
Romania, Orange, Dolphin 4 *	4.00	1.79	5.79
Romania, Vodafone, Vodafone Simplu *	3.57	7.09	10.66
Slovakia, Orange, Kreditné Paušál €3 *	3.31	8.98	12.28
Slovakia, T-Mobile, Podľa seba 1 *	10.27	3.00	13.27
Slovenia, Mobitel, Uniform	3.32	7.46	10.78
Slovenia, Si.mobil Vodafone, Smart *	4.33	6.01	10.34
Spain, Movistar, Contrato Simple *	0.68	11.36	12.03
Spain, Vodafone, Contrato Tarde *	-	12.31	12.31
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	1.56	3.70
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	4.21	9.69
UK, O2, Simplicity 150 - 30 day SIM only *	11.12	3.99	15.11
UK, T-Mobile, Solo 10 - 30 day SIM only *	11.12	4.00	15.12
EU simple average across all packages	5.17	5.59	10.76

Figure 7.1 Low usage basket results using 2002 version of the OECD basket

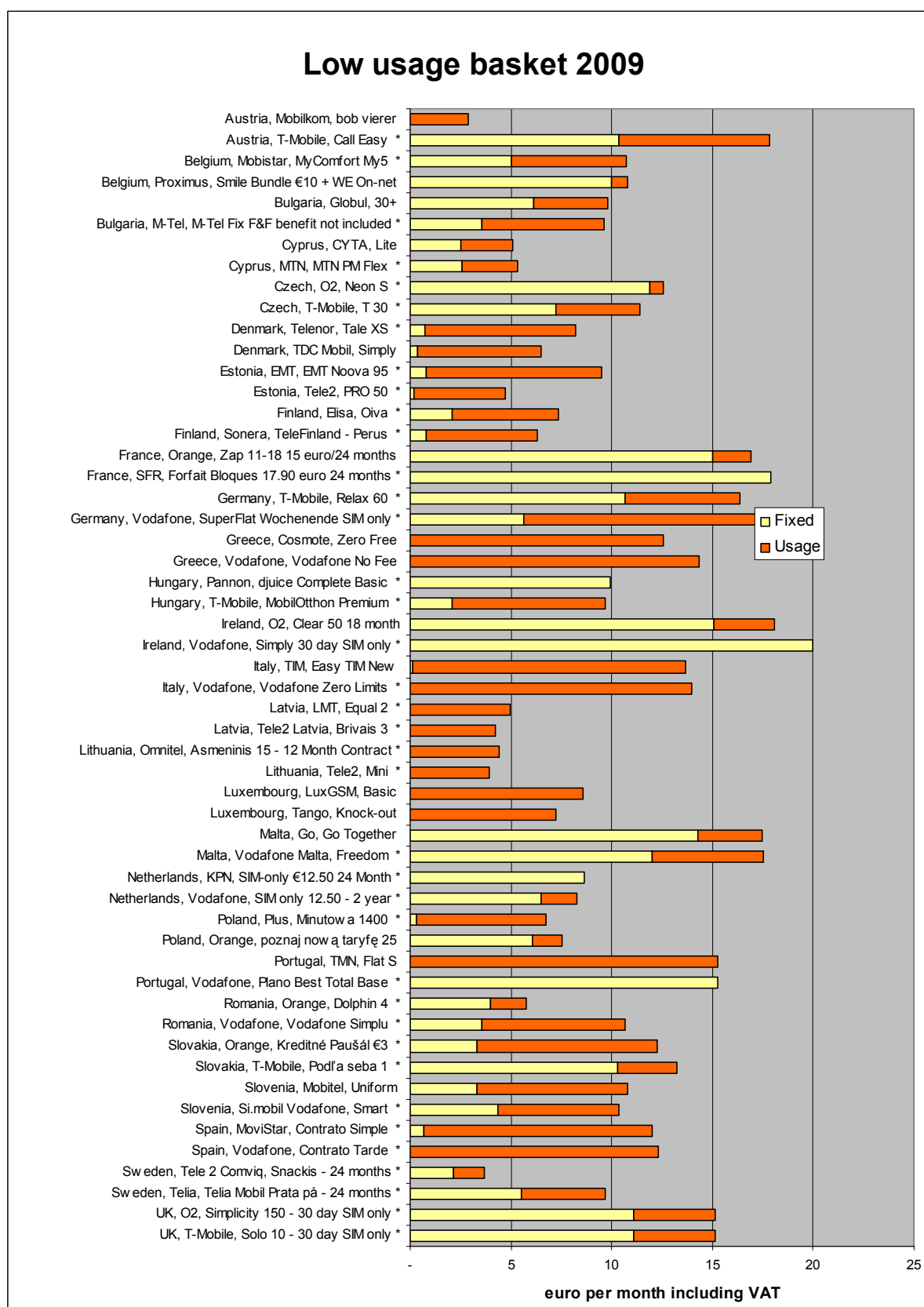


Table 7.2 Medium usage basket results using 2002 version of the OECD basket, data for 2009

Medium usage basket 2009	Fixed	Usage	Total
Austria, Mobikom, bob vierer	-	7.94	7.94
Austria, T-Mobile, Call Easy *	10.36	17.86	28.22
Belgium, Mobistar, MyComfort My25 *	25.00	4.20	29.20
Belgium, Proximus, Bizz Flex 25 *	30.25	-	30.25
Bulgaria, Globul, Globul Max *	5.06	16.68	21.74
Bulgaria, M-Tel, M-Tel Fix F&F benefit not included *	3.53	18.79	22.31
Cyprus, CYTA, Lite	2.52	11.08	13.60
Cyprus, MTN, MTN 140	8.59	0.38	8.98
Czech, O2, Neon L *	25.66	7.25	32.91
Czech, T-Mobile, T 160 *	24.46	2.78	27.24
Denmark, Telenor, Tale S *	7.33	4.94	12.26
Denmark, TDC Mobil, Simply	0.37	18.73	19.10
Estonia, EMT, EMT Noova 85 *	0.82	18.39	19.20
Estonia, Tele2, Hinnaliider 59 *	0.83	11.41	12.24
Finland, Elisa, Saunalahti Eliitti + *	4.06	8.29	12.35
Finland, Sonera, TeleFinland - Perus *	0.77	14.63	15.40
France, Orange, Forfait M6 29.99€/24 months *	29.99	-	29.99
France, SFR, Sur Mesure 3H 24 months *	35.00	4.32	39.32
Germany, T-Mobile, Relax 120 *	20.64	13.26	33.90
Germany, Vodafone, SuperFlat *	25.64	15.33	40.97
Greece, Cosmote, Cosmote 150	26.00	3.75	29.75
Greece, Vodafone, Business Flexible 180 *	27.00	-	27.00
Hungary, Pannon, djuice Complete SMS *	14.31	3.80	18.11
Hungary, T-Mobile, Relax 100 *	12.48	12.57	25.05
Ireland, O2, Clear 175 18 month *	30.12	3.50	33.62
Ireland, Vodafone, Simply 30 day SIM only *	20.00	-	20.00
Italy, TIM, Tutto Compreso 25 24 month *	30.16	5.25	35.41
Italy, Vodafone, Vodafone Zero Limits *	-	31.95	31.95
Latvia, LMT, Equal 7 *	-	10.07	10.07
Latvia, Tele2 Latvia, Brivais 6 *	-	8.88	8.88
Lithuania, Omnitel, Neribotas *	-	10.13	10.13
Lithuania, Tele2, 420 minučių *	7.24	1.82	9.06
Luxembourg, LuxGSM, Relax +Landlines	15.00	6.65	21.65
Luxembourg, Tango, Knock-out	-	19.08	19.08
Malta, Go, Go Together	14.30	28.87	43.17
Malta, Vodafone Malta, Freedom *	12.00	16.30	28.30
Netherlands, KPN, SIM-only €17.50 24 Month *	10.64	-	10.64
Netherlands, Vodafone, SIM only 27.50 - 2 year	14.01	-	14.01
Poland, Plus, Minutowa 6000 *	0.17	18.68	18.85
Poland, Orange, poznaj nową taryfę 75	18.27	2.71	20.98
Portugal, TMN, Flat S	-	30.37	30.37
Portugal, Vodafone, Plano Best Total Base Aditivo Rede Fixa *	23.30	4.77	28.07
Romania, Orange, Dolphin 8 *	8.00	2.08	10.08
Romania, Vodafone, Vodafone Favourite Hours *	8.33	13.02	21.35
Slovakia, Orange, Volania 100 *	16.21	9.38	25.58
Slovakia, T-Mobile, Podľa seba 1 *	10.27	18.58	28.85
Slovenia, Mobitel, Povezani 11 *	11.33	5.28	16.61
Slovenia, Si.mobil Vodafone, Orto U Nulo	10.33	8.66	19.00
Spain, MoviStar, Planazo €19 Sin Horarios *	22.04	6.09	28.13
Spain, Vodafone, Contrato Tarde *	-	39.12	39.12
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	7.89	10.03
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	11.83	17.32
UK, O2, Simplicity 150 - 30 day SIM only *	11.12	4.65	15.77
UK, T-Mobile, Solo 10 - 30 day SIM only *	11.12	4.67	15.78
EU simple average across all packages	12.70	9.77	22.47

Figure 7.2 Medium usage basket results using 2002 version of the OECD basket

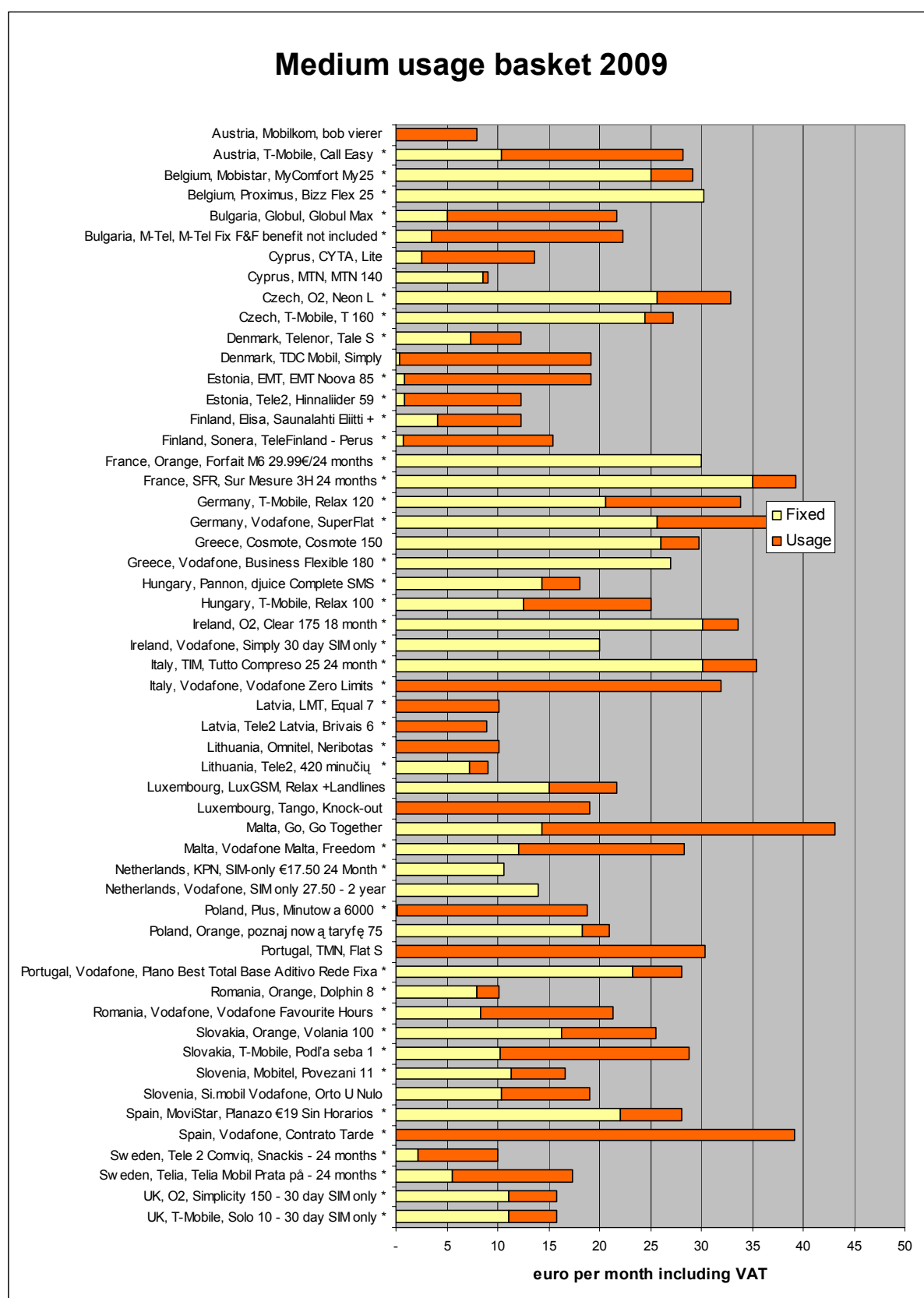
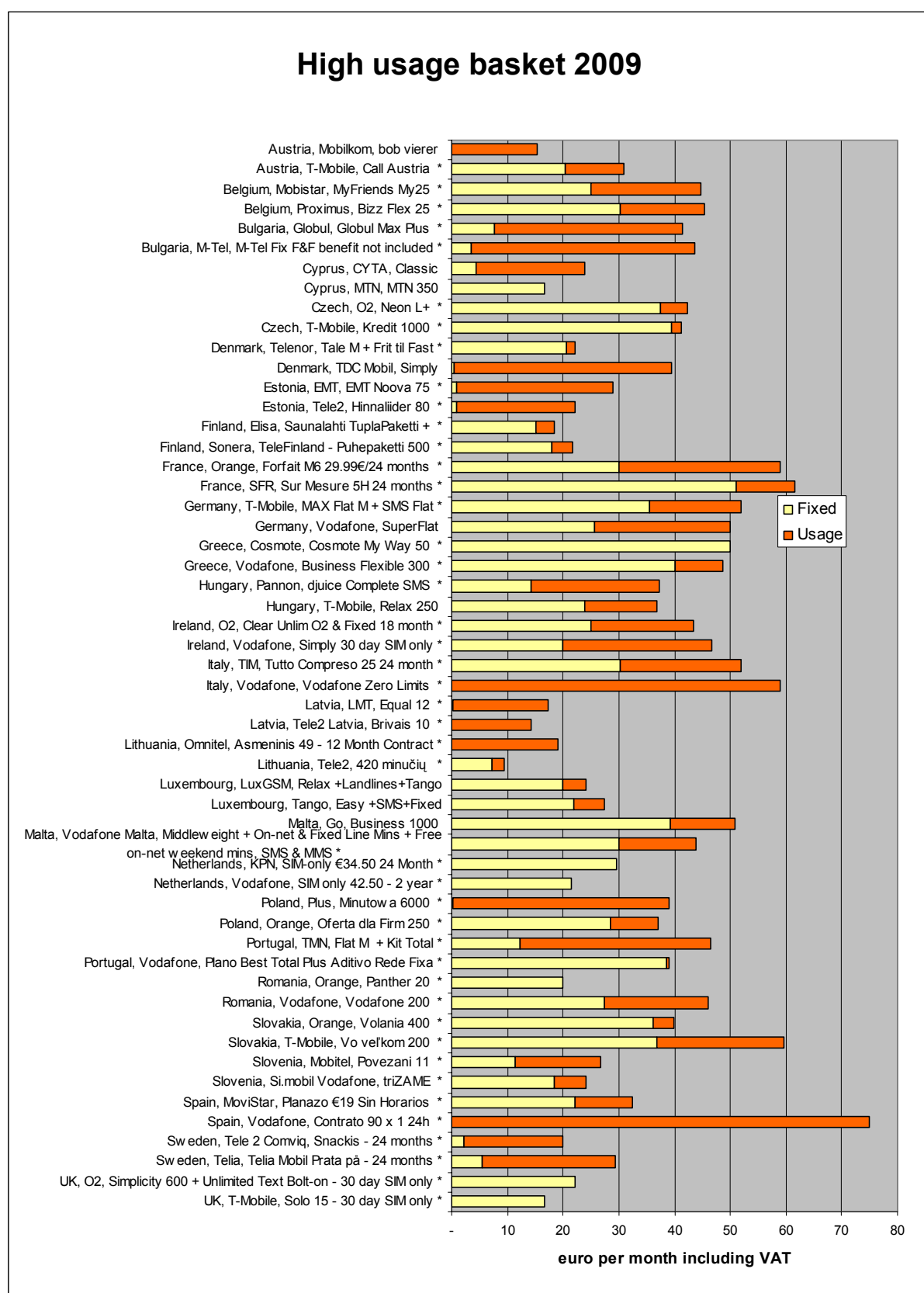


Table 7.3 High usage basket results using version of the OECD 2002 basket, data for 2009

High usage basket 2009	Fixed	Usage	Total
Austria, Mobikom, bob vierer	-	15.42	15.42
Austria, T-Mobile, Call Austria *	20.36	10.50	30.86
Belgium, Mobistar, MyFriends My25 *	25.00	19.68	44.68
Belgium, Proximus, Bizz Flex 25 *	30.25	15.09	45.34
Bulgaria, Globul, Globul Max Plus *	7.62	33.88	41.49
Bulgaria, M-Tel, M-Tel Fix F&F benefit not included *	3.53	40.14	43.66
Cyprus, CYTA, Classic	4.48	19.39	23.86
Cyprus, MTN, MTN 350	16.64	-	16.64
Czech, O2, Neon L+ *	37.45	4.91	42.37
Czech, T-Mobile, Kredit 1000 *	39.42	1.83	41.25
Denmark, Telenor, Tale M + Frit til Fast *	20.63	1.41	22.04
Denmark, TDC Mobil, Simply	0.37	39.14	39.51
Estonia, EMT, EMT Noova 75 *	0.82	28.21	29.03
Estonia, Tele2, Hinnaliider 80 *	0.83	21.34	22.17
Finland, Elisa, Saunalahti TuplaPaketti + *	15.03	3.36	18.39
Finland, Sonera, TeleFinland - Puhepaketti 500 *	18.01	3.74	21.75
France, Orange, Forfait M6 29.99€/24 months *	29.99	29.00	58.99
France, SFR, Sur Mesure 5H 24 months *	51.00	10.67	61.67
Germany, T-Mobile, MAX Flat M + SMS Flat *	35.59	16.44	52.04
Germany, Vodafone, SuperFlat	25.64	24.42	50.07
Greece, Cosmote, Cosmote My Way 50 *	50.00	-	50.00
Greece, Vodafone, Business Flexible 300 *	40.00	8.70	48.70
Hungary, Pannon, djuice Complete SMS *	14.31	23.03	37.34
Hungary, T-Mobile, Relax 250	23.85	13.06	36.91
Ireland, O2, Clear Unlim O2 & Fixed 18 month *	25.00	18.38	43.38
Ireland, Vodafone, Simply 30 day SIM only *	20.00	26.61	46.61
Italy, TIM, Tutto Compreso 25 24 month *	30.16	21.79	51.95
Italy, Vodafone, Vodafone Zero Limits *	-	58.86	58.86
Latvia, LMT, Equal 12 *	0.20	17.03	17.23
Latvia, Tele2 Latvia, Brivais 10 *	-	14.27	14.27
Lithuania, Omnitel, Asmeninis 49 - 12 Month Contract *	-	19.12	19.12
Lithuania, Tele2, 420 minučių *	7.24	2.19	9.43
Luxembourg, LuxGSM, Relax +Landlines+Tango	20.00	4.20	24.20
Luxembourg, Tango, Easy +SMS+Fixed	22.00	5.47	27.47
Malta, Go, Business 1000	39.32	11.55	50.87
Malta, Vodafone Malta, Middleweight + On-net & Fixed Line Mins + Free on-n	30.00	13.80	43.80
Netherlands, KPN, SIM-only €34.50 24 Month *	29.64	-	29.64
Netherlands, Vodafone, SIM only 42.50 - 2 year *	21.51	-	21.51
Poland, Plus, Minutowa 6000 *	0.17	38.80	38.97
Poland, Orange, Oferta dla Firm 250 *	28.49	8.60	37.09
Portugal, TMN, Flat M + Kit Total *	12.30	34.25	46.55
Portugal, Vodafone, Plano Best Total Plus Aditivo Rede Fixa *	38.68	0.44	39.12
Romania, Orange, Panther 20 *	20.00	-	20.00
Romania, Vodafone, Vodafone 200 *	27.37	18.74	46.11
Slovakia, Orange, Volania 400 *	36.21	3.78	39.99
Slovakia, T-Mobile, Vo veľkom 200 *	36.76	22.89	59.64
Slovenia, Mobitel, Povezani 11 *	11.33	15.43	26.76
Slovenia, Si.mobil Vodafone, triZAME *	18.33	5.67	24.00
Spain, MoviStar, Planazo €19 Sin Horarios *	22.04	10.38	32.42
Spain, Vodafone, Contrato 90 x 1 24h *	-	74.89	74.89
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	17.74	19.88
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	23.81	29.30
UK, O2, Simplicity 600 + Unlimited Text Bolt-on - 30 day SIM only *	22.24	-	22.24
UK, T-Mobile, Solo 15 - 30 day SIM only *	16.67	-	16.67
EU simple average across all packages	20.56	15.42	35.98

Figure 7.3 High usage basket results using version of the OECD 2002 basket



7.2. Mobile service baskets, 2006 version

Table 7.4 Low usage basket results using 2006 version of the OECD basket, data for 2009

Low usage basket 2009	Fixed	Usage	Total
Austria, Mobilkom, bob vierer	-	3.63	3.63
Austria, T-Mobile, Call Easy SMS 100 *	10.78	0.27	11.04
Belgium, Mobistar, MyMusic My10 *	10.00	2.54	12.54
Belgium, Proximus, Smile Bundle €10 + WE On-net	10.00	2.45	12.45
Bulgaria, Globul, Globul Max *	5.06	5.55	10.61
Bulgaria, M-Tel, M-Tel Fix F&F benefit not included *	3.53	9.15	12.68
Cyprus, CYTA, Lite	2.52	3.70	6.22
Cyprus, MTN, MTN PM Flex *	2.54	3.47	6.02
Czech, O2, Neon S *	11.90	2.52	14.42
Czech, T-Mobile, Kredit 300 *	11.90	1.28	13.18
Denmark, Telenor, Tale S *	7.33	1.33	8.66
Denmark, TDC Mobil, Simply	0.37	7.01	7.37
Estonia, EMT, EMT Noova 95 *	0.82	10.13	10.95
Estonia, Tele2, PRO 50 *	0.21	5.30	5.51
Finland, Elisa, Oiva *	2.07	6.22	8.29
Finland, Sonera, TeleFinland - Perus + SMS 100 *	2.76	4.33	7.09
France, Orange, Zap 11-18 18 euro/24 months *	18.00	-	18.00
France, SFR, Forfait Bloques 17.90 euro 24 months *	17.90	-	17.90
Germany, T-Mobile, Relax 60 + SMS 40 *	15.59	-	15.59
Germany, Vodafone, SuperFlat Wochenende SIM only *	5.64	16.69	22.33
Greece, Cosmote, Zero Free	-	14.76	14.76
Greece, Vodafone, Vodafone No Fee	-	16.81	16.81
Hungary, Pannon, djuice Complete Basic *	9.91	-	9.91
Hungary, T-Mobile, Eco *	7.28	3.86	11.14
Ireland, O2, Clear 50 18 month	15.07	0.17	15.24
Ireland, Vodafone, Perfect Choice 50	19.08	0.17	19.25
Italy, TIM, Easy TIM New	0.14	15.72	15.86
Italy, Vodafone, Vodafone Zero Limits *	-	16.76	16.76
Latvia, LMT, Equal 4 *	-	5.68	5.68
Latvia, Tele2 Latvia, Brivais 3 *	-	4.69	4.69
Lithuania, Omnitel, Asmeninis 15 - 12 Month Contract *	-	4.83	4.83
Lithuania, Tele2, Mini *	-	4.48	4.48
Luxembourg, LuxGSM, Basic	-	9.82	9.82
Luxembourg, Tango, Knock-out	-	8.33	8.33
Malta, Go, Go Together	14.30	5.08	19.39
Malta, Vodafone Malta, Freedom *	12.00	7.45	19.45
Netherlands, KPN, SIM-only €12.50 24 Month *	8.64	-	8.64
Netherlands, Vodafone, SIM only 17.50 - 2 year	9.01	-	9.01
Poland, Plus, Minutowa 1400 *	0.33	7.32	7.65
Poland, Orange, poznaj nową taryfę 25	6.09	1.99	8.08
Portugal, TMN, Flat S *	-	15.27	15.27
Portugal, Vodafone, Plano Best Total Base *	15.27	-	15.27
Romania, Orange, Dolphin 4 *	4.00	2.06	6.06
Romania, Vodafone, Vodafone 50 *	8.92	2.07	10.99
Slovakia, Orange, Kreditné Paušál €10 *	10.31	3.24	13.54
Slovakia, T-Mobile, Podľa seba 1 *	10.27	0.26	10.53
Slovenia, Mobitel, Uniform	3.32	8.44	11.76
Slovenia, Si.mobil Vodafone, Smart *	4.33	6.55	10.89
Spain, Movistar, Contrato Simple *	0.68	13.42	14.10
Spain, Vodafone, Contrato Tarde *	-	15.88	15.88
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	2.19	4.33
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	5.03	10.51
UK, O2, Simplicity 150 - 30 day SIM only *	11.12	-	11.12
UK, T-Mobile, Solo 10 - 30 day SIM only *	11.12	0.47	11.58
EU simple average across all packages	6.07	5.34	11.41

Figure 7.4 Low usage basket results using 2006 version of the OECD basket

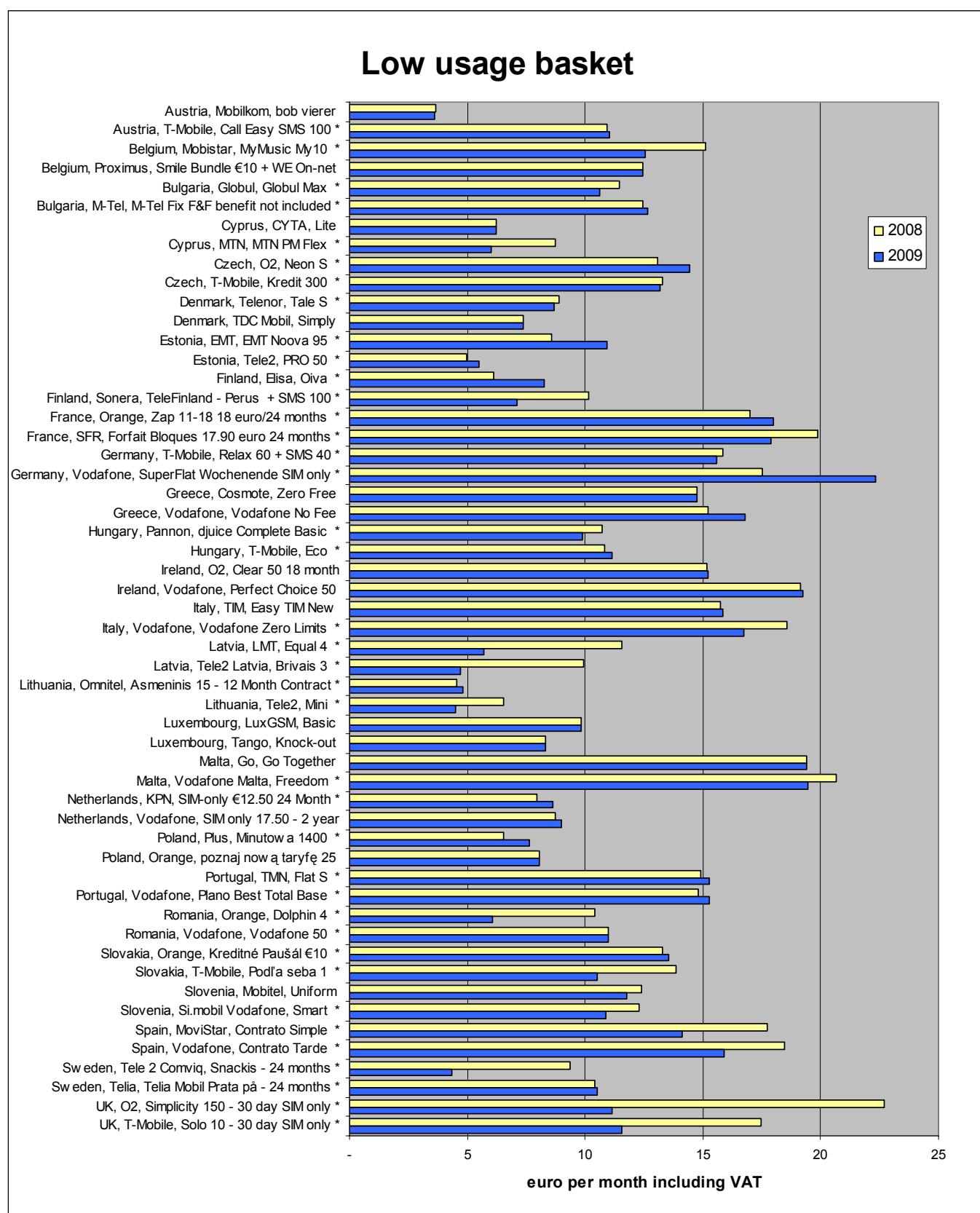


Table 7.5 Medium usage basket results using 2006 version of the OECD basket, data for 2009

Medium usage basket 2009	Fixed	Usage	Total
Austria, Mobilkom, bob vierer	-	7.28	7.28
Austria, T-Mobile, Call Easy SMS 100 *	10.78	2.06	12.84
Belgium, Mobistar, MyComfort My15 *	15.00	8.01	23.01
Belgium, Proximus, Smile Bundle €20 + WE On-net	20.00	6.48	26.48
Bulgaria, Globul, Globul Max *	5.06	12.00	17.06
Bulgaria, M-Tel, M-Tel Extra Pro	7.62	13.25	20.86
Cyprus, CYTA, Classic	4.48	7.75	12.22
Cyprus, MTN, MTN 140	8.59	0.13	8.72
Czech, O2, Neon M	17.79	8.24	26.03
Czech, T-Mobile, Kredit 500 *	19.76	6.33	26.10
Denmark, Telenor, Tale S *	7.33	1.90	9.23
Denmark, TDC Mobil, Simply	0.37	14.33	14.70
Estonia, EMT, EMT Premium *	4.66	14.58	19.24
Estonia, Tele2, Hinnaliider 59 *	0.83	9.69	10.52
Finland, Elisa, Saunalahti Edukas *	0.76	10.95	11.71
Finland, Sonera, TeleFinland - Perus + SMS 100 *	2.76	9.12	11.88
France, Orange, Zap 11-18 22 euro/24 months *	22.00	7.58	29.58
France, SFR, Sur Mesure 2H 24 months *	27.00	0.25	27.25
Germany, T-Mobile, Relax 120 + SMS 40 *	25.59	1.90	27.49
Germany, Vodafone, SuperFlat Mobil SIM only *	14.39	24.58	38.97
Greece, Cosmote, Cosmote 120 + SMS 70 *	27.00	0.29	27.29
Greece, Vodafone, Business Flexible 180 *	27.00	-	27.00
Hungary, Pannon, djuice Complete SMS *	14.31	0.82	15.14
Hungary, T-Mobile, Relax 100	12.48	8.32	20.80
Ireland, O2, Clear 175 18 month *	30.12	0.17	30.29
Ireland, Vodafone, Simply 30 day SIM only *	20.00	0.17	20.17
Italy, TIM, Easy TIM New	0.14	30.48	30.62
Italy, Vodafone, Vodafone Zero Limits *	-	31.93	31.93
Latvia, LMT, Equal 7 *	-	9.93	9.93
Latvia, Tele2 Latvia, Brivais 6 *	-	8.61	8.61
Lithuania, Omnitel, Asmeninis 25 - 12 Month Contract *	-	8.30	8.30
Lithuania, Tele2, Mini *	-	8.64	8.64
Luxembourg, LuxGSM, Basic	-	18.95	18.95
Luxembourg, Tango, Knock-out	-	15.96	15.96
Malta, Go, Go Together	14.30	22.13	36.43
Malta, Vodafone Malta, Lightweight + On-net & Fixed Line Mins + Free on-net	20.00	8.36	28.36
Netherlands, KPN, SIM-only €17.50 24 Month *	10.64	-	10.64
Netherlands, Vodafone, SIM only 27.50 - 2 year	14.01	-	14.01
Poland, Plus, Minutowa 3000 *	0.17	16.15	16.32
Poland, Orange, poznaj nową taryfę 55	13.40	3.89	17.29
Portugal, TMN, Flat S + Pakot 60 sms *	5.08	18.76	23.84
Portugal, Vodafone, Plano Best Total Base Aditivo SMS 30 *	17.81	6.55	24.36
Romania, Orange, Panther 8 *	8.00	1.14	9.14
Romania, Vodafone, Vodafone Favourite Hours *	8.33	11.92	20.25
Slovakia, Orange, Volania 100 + 70 Messages *	19.71	1.61	21.32
Slovakia, T-Mobile, Podľa seba 1 *	10.27	8.41	18.67
Slovenia, Mobitel, Povezani 11 *	11.33	5.93	17.26
Slovenia, Si.mobil Vodafone, Orto U Nulo	10.33	5.18	15.51
Spain, Movistar, Contrato Simple *	0.68	28.03	28.71
Spain, Vodafone, Contrato Tarde *	-	35.54	35.54
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	6.48	8.62
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	10.15	15.64
UK, O2, Simplicity 150 - 30 day SIM only *	11.12	-	11.12
UK, T-Mobile, Solo 10 - 30 day SIM only *	11.12	0.76	11.87
EU simple average across all packages	10.00	9.26	19.25

Figure 7.5 Medium usage basket results using 2006 version of the OECD basket

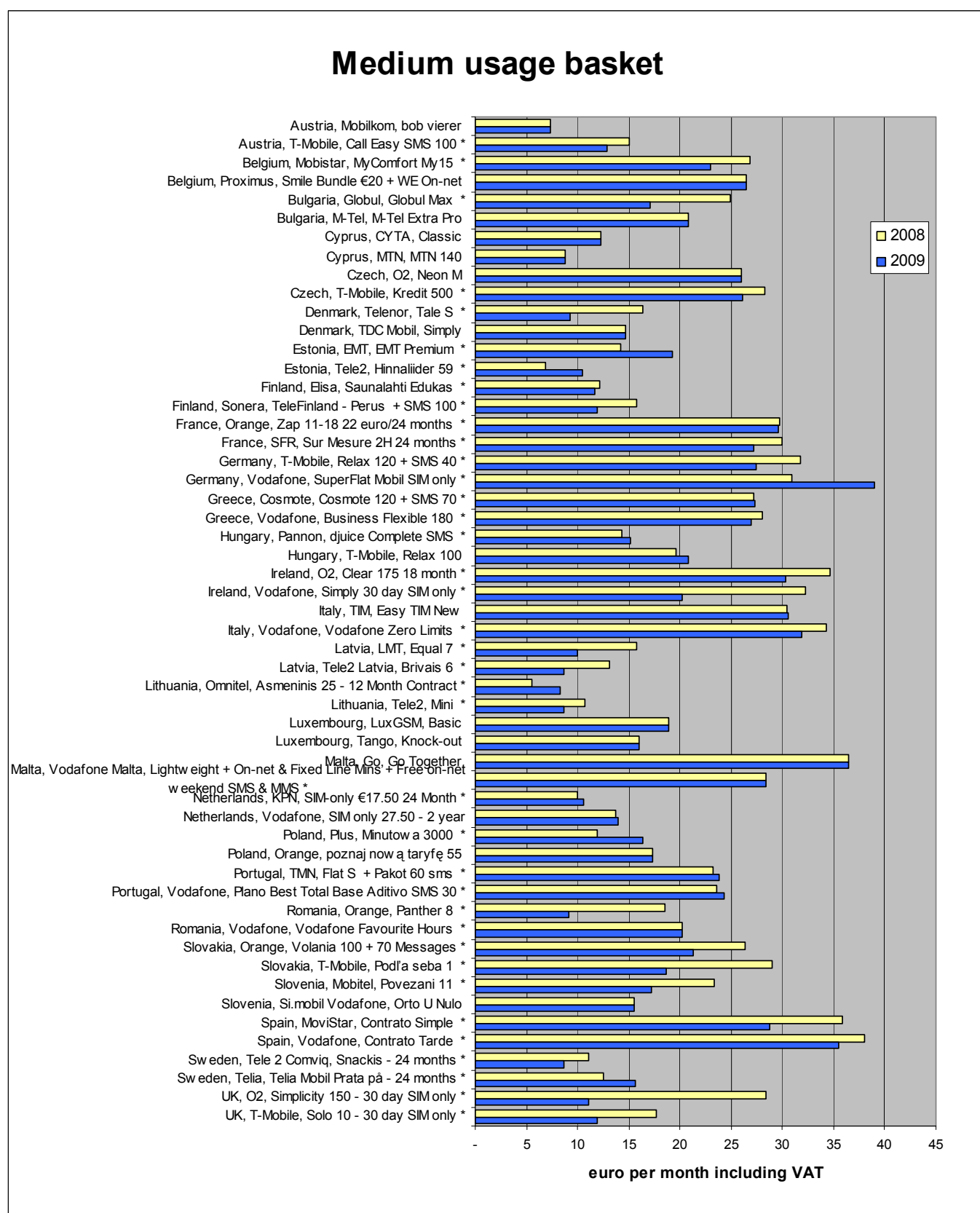
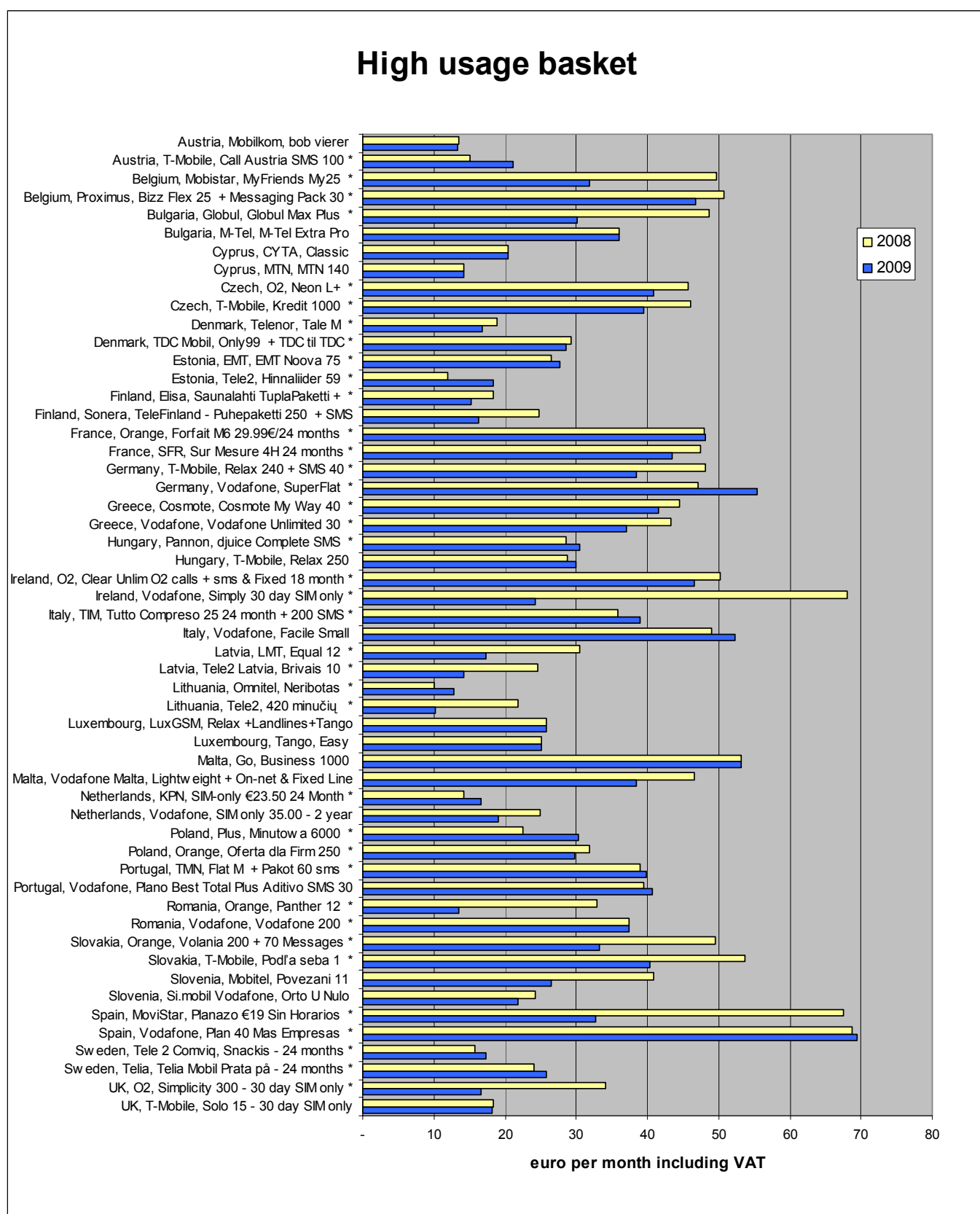


Table 7.6 High usage basket results using 2006 version of the OECD basket, data for 2009

High usage basket 2009	Fixed	Usage	Total
Austria, Mobilkom, bob vierer	-	13.41	13.41
Austria, T-Mobile, Call Austria SMS 100 *	20.78	0.40	21.18
Belgium, Mobistar, MyFriends My25 *	25.00	6.85	31.85
Belgium, Proximus, Bizz Flex 25 + Messaging Pack 30 *	33.25	13.57	46.83
Bulgaria, Globul, Globul Max Plus *	7.62	22.53	30.15
Bulgaria, M-Tel, M-Tel Extra Pro	7.62	28.45	36.06
Cyprus, CYTA, Classic	4.48	15.91	20.38
Cyprus, MTN, MTN 140	8.59	5.67	14.26
Czech, O2, Neon L+ *	37.45	3.48	40.93
Czech, T-Mobile, Kredit 1000 *	39.42	-	39.42
Denmark, Telenor, Tale M *	14.04	2.83	16.88
Denmark, TDC Mobil, Only99 + TDC til TDC *	11.36	17.15	28.51
Estonia, EMT, EMT Noova 75 *	0.82	26.92	27.74
Estonia, Tele2, Hinnaliider 59 *	0.83	17.47	18.29
Finland, Elisa, Saunalahti TuplaPaketti + *	15.03	0.19	15.22
Finland, Sonera, TeleFinland - Puhepaketti 250 + SMS 100 *	16.00	0.35	16.35
France, Orange, Forfait M6 29.99€/24 months *	29.99	18.07	48.06
France, SFR, Sur Mesure 4H 24 months *	43.00	0.39	43.39
Germany, T-Mobile, Relax 240 + SMS 40 *	35.59	2.85	38.44
Germany, Vodafone, SuperFlat *	25.64	29.84	55.48
Greece, Cosmote, Cosmote My Way 40 *	40.00	1.54	41.54
Greece, Vodafone, Vodafone Unlimited 30 *	30.00	7.03	37.03
Hungary, Pannon, djuice Complete SMS *	14.31	16.18	30.50
Hungary, T-Mobile, Relax 250	23.85	6.09	29.94
Ireland, O2, Clear Unlim O2 calls + sms & Fixed 18 month *	30.00	16.63	46.63
Ireland, Vodafone, Simply 30 day SIM only *	20.00	4.19	24.19
Italy, TIM, Tutto Compreso 25 24 month + 200 SMS *	35.16	3.72	38.88
Italy, Vodafone, Facile Small	30.16	22.17	52.33
Latvia, LMT, Equal 12 *	0.20	17.03	17.23
Latvia, Tele2 Latvia, Brivais 10 *	-	14.19	14.19
Lithuania, Omnitel, Neribotas *	-	12.82	12.82
Lithuania, Tele2, 420 minučių *	7.24	2.97	10.21
Luxembourg, LuxGSM, Relax +Landlines+Tango	20.00	5.85	25.85
Luxembourg, Tango, Easy	9.00	16.17	25.17
Malta, Go, Business 1000	39.32	13.90	53.22
Malta, Vodafone Malta, Lightweight + On-net & Fixed Line Mins + Free on-net	20.00	18.49	38.49
Netherlands, KPN, SIM-only €23.50 24 Month *	14.64	2.05	16.69
Netherlands, Vodafone, SIM only 35.00 - 2 year	17.76	1.23	19.00
Poland, Plus, Minutowa 6000 *	0.17	30.10	30.27
Poland, Orange, Oferta dla Firm 250 *	28.49	1.29	29.78
Portugal, TMN, Flat M + Pakot 60 sms *	5.08	34.77	39.85
Portugal, Vodafone, Plano Best Total Plus Aditivo SMS 30 *	33.19	7.42	40.61
Romania, Orange, Panther 12 *	12.00	1.47	13.47
Romania, Vodafone, Vodafone 200 *	27.37	9.99	37.36
Slovakia, Orange, Volania 200 + 70 Messages *	28.71	4.60	33.30
Slovakia, T-Mobile, Podľa seba 1 *	10.27	30.02	40.28
Slovenia, Mobitel, Povezani 11	11.33	15.25	26.58
Slovenia, Si.mobil Vodafone, Orto U Nulo	10.33	11.41	21.75
Spain, Movistar, Planazo €19 Sin Horarios *	22.04	10.73	32.77
Spain, Vodafone, Plan 40 Mas Empresas *	0.68	68.83	69.51
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	15.10	17.24
Sweden, Telia, Telia Mobil Prata på - 24 months *	5.48	20.28	25.77
UK, O2, Simplicity 300 - 30 day SIM only *	16.68	-	16.68
UK, T-Mobile, Solo 15 - 30 day SIM only	16.67	1.53	18.20
EU simple average across all packages	17.76	12.43	30.19

Figure 7.6 High usage basket results using 2006 version of the OECD basket



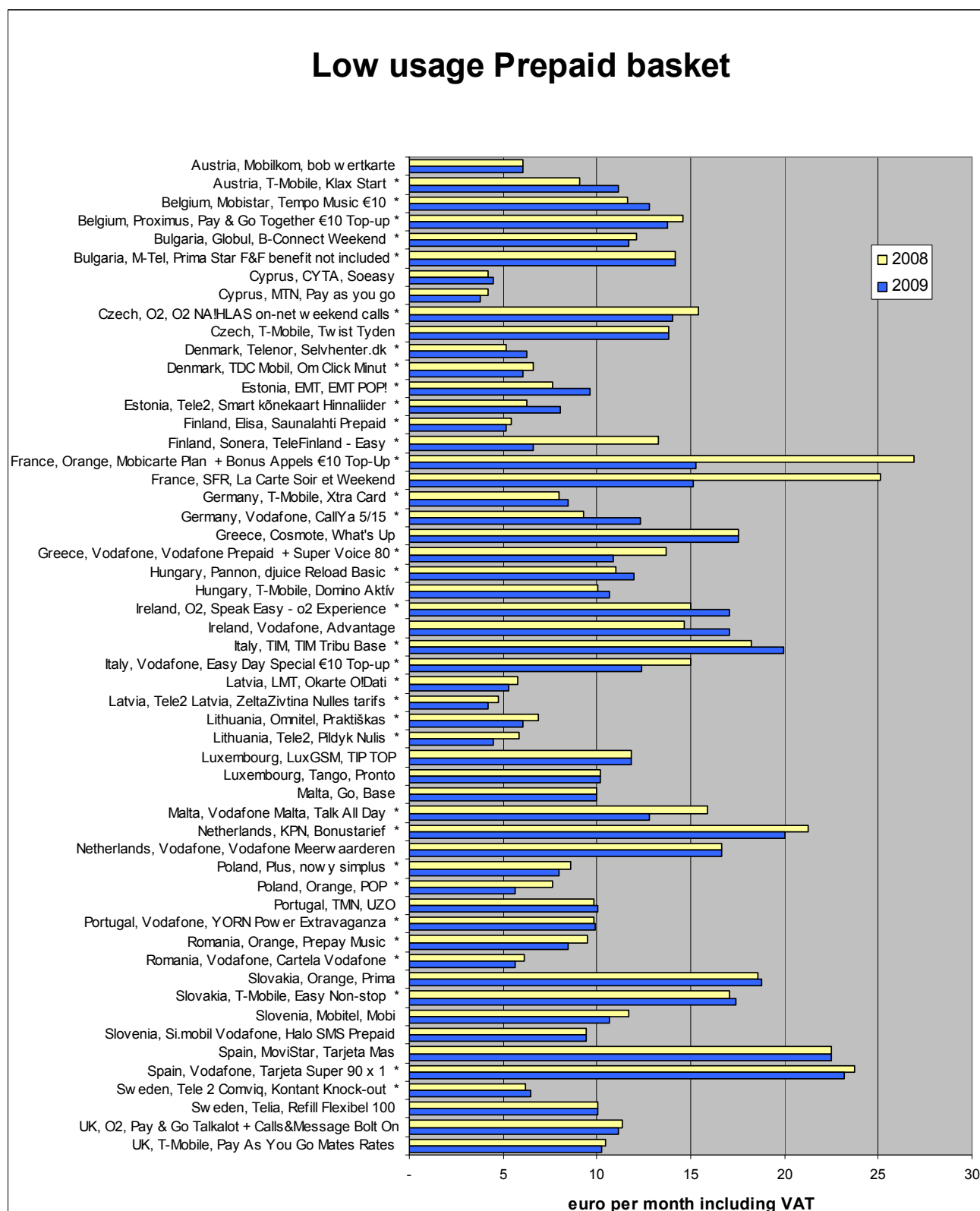
7.3. Pre-paid mobile services

For pre-paid tariffs the low usage OECD basket (2006 version) is used. Only pre-paid tariffs are included in this analysis.

Table 7.7 Low usage basket results using 2006 version of the OECD basket, pre-paid data for 2009

Low usage Prepaid basket 2009	Fixed	Usage	Total
Austria, Mobikom, bob wertkarte	-	6.03	6.03
Austria, T-Mobile, Klax Start *	0.41	10.73	11.14
Belgium, Mobistar, Tempo Music €10 *	-	12.82	12.82
Belgium, Proximus, Pay & Go Together €10 Top-up *	-	13.78	13.78
Bulgaria, Globul, B-Connect Weekend *	-	11.73	11.73
Bulgaria, M-Tel, Prima Star F&F benefit not included *	-	14.19	14.19
Cyprus, CYTA, Soeasy	0.69	3.76	4.45
Cyprus, MTN, Pay as you go	0.35	3.44	3.79
Czech, O2, O2 NA!HLAS on-net weekend calls *	0.05	14.01	14.07
Czech, T-Mobile, Twist Tyden	3.56	10.24	13.80
Denmark, Telenor, Selvhenter.dk *	0.18	6.07	6.25
Denmark, TDC Mobil, Om Click Minut *	0.37	5.67	6.04
Estonia, EMT, EMT POP! *	0.73	8.93	9.66
Estonia, Tele2, Smart kõnekaart Hinnaliider *	0.08	7.99	8.07
Finland, Elisa, Saunalahti Prepaid *	0.28	4.85	5.13
Finland, Sonera, TeleFinland - Easy *	0.28	6.30	6.58
France, Orange, Mobicarte Plan + Bonus Appels €10 Top-Up *	-	15.25	15.25
France, SFR, La Carte Soir et Weekend	0.83	14.29	15.12
Germany, T-Mobile, Xtra Card *	0.28	8.16	8.44
Germany, Vodafone, CallYa 5/15 *	0.55	11.77	12.32
Greece, Cosmote, What's Up	-	17.56	17.56
Greece, Vodafone, Vodafone Prepaid + Super Voice 80 *	7.14	3.72	10.86
Hungary, Pannon, djuice Reload Basic *	0.27	11.71	11.98
Hungary, T-Mobile, Domino Aktiv	1.80	8.86	10.66
Ireland, O2, Speak Easy - o2 Experience *	-	17.03	17.03
Ireland, Vodafone, Advantage	-	17.07	17.07
Italy, TIM, TIM Tribu Base *	0.17	19.77	19.93
Italy, Vodafone, Easy Day Special €10 Top-up *	-	12.36	12.36
Latvia, LMT, Okarte O!Dati *	0.04	5.29	5.33
Latvia, Tele2 Latvia, ZeltaZivtina Nulles tariffs *	-	4.19	4.19
Lithuania, Omnitel, Praktiškias *	-	6.08	6.08
Lithuania, Tele2, Pildyk Nulis *	1.45	3.03	4.48
Luxembourg, LuxGSM, TIP TOP	1.52	10.30	11.81
Luxembourg, Tango, Pronto	-	10.20	10.20
Malta, Go, Base	-	9.96	9.96
Malta, Vodafone Malta, Talk All Day *	-	12.78	12.78
Netherlands, KPN, Bonustarief *	-	20.00	20.00
Netherlands, Vodafone, Vodafone Meerwaarderen	-	16.68	16.68
Poland, Plus, nowy simplus *	-	7.96	7.96
Poland, Orange, POP *	-	5.66	5.66
Portugal, TMN, UZO	-	10.03	10.03
Portugal, Vodafone, YORN Power Extravaganza *	-	9.91	9.91
Romania, Orange, Prepay Music *	0.13	8.33	8.46
Romania, Vodafone, Cartela Vodafone *	0.13	5.49	5.62
Slovakia, Orange, Prima	0.55	18.25	18.80
Slovakia, T-Mobile, Easy Non-stop *	-	17.38	17.38
Slovenia, Mobitel, Mobi	-	10.69	10.69
Slovenia, Si.mobil Vodafone, Halo SMS Prepaid	-	9.41	9.41
Spain, MoviStar, Tarjeta Mas	-	22.47	22.47
Spain, Vodafone, Tarjeta Super 90 x 1 *	-	23.17	23.17
Sweden, Tele 2 Comviq, Kontant Knock-out *	-	6.47	6.47
Sweden, Telia, Refill Flexibel 100	0.27	9.80	10.08
UK, O2, Pay & Go Talkalot + Calls&Message Bolt On	11.12	-	11.12
UK, T-Mobile, Pay As You Go Mates Rates	-	10.26	10.26
EU simple average across all packages	0.62	10.59	11.21

Figure 7.7 Low usage basket results using 2006 version of the OECD basket, pre-paid data



7.4. Pre- and Post-paid mobile services

The following results take the cheapest service for each provider, regardless of whether the service is pre- or post-paid. The data is the same as used in sections 7.2 and 7.3 above.

Table 7.8 Low usage 2006 OECD basket, pre & post-paid data

Low usage basket Pre & Post-paid 2009	Fixed	Usage	Total
Austria, Mobikom, bob vierer	-	3.63	3.63
Austria, T-Mobile, Call Easy SMS 100 *	10.78	0.27	11.04
Belgium, Mobistar, MyMusic My10 *	10.00	2.54	12.54
Belgium, Proximus, Smile Bundle €10 + WE On-net	10.00	2.45	12.45
Bulgaria, Globul, Globul Max *	5.06	5.55	10.61
Bulgaria, M-Tel, M-Tel Fix F&F benefit not included *	3.53	9.15	12.68
Cyprus, CYTA, Soeasy	0.69	3.76	4.45
Cyprus, MTN, Pay as you go	0.35	3.44	3.79
Czech, O2, O2 NA!HLAS on-net weekend calls *	0.05	14.01	14.07
Czech, T-Mobile, Kredit 300 *	11.90	1.28	13.18
Denmark, Telenor, Selvhenter.dk *	0.18	6.07	6.25
Denmark, TDC Mobil, Om Click Minut *	0.37	5.67	6.04
Estonia, EMT, EMT POP! *	0.73	8.93	9.66
Estonia, Tele2, PRO 50 *	0.21	5.30	5.51
Finland, Elisa, Saunalahti Prepaid *	0.28	4.85	5.13
Finland, Sonera, TeleFinland - Easy *	0.28	6.30	6.58
France, Orange, Mobicarte Plan + Bonus Appels €10 Top-Up *	-	15.25	15.25
France, SFR, La Carte Soir et Weekend *	0.83	14.29	15.12
Germany, T-Mobile, Xtra Card *	0.28	8.16	8.44
Germany, Vodafone, CallYa 5/15 *	0.55	11.77	12.32
Greece, Cosmote, Zero Free	-	14.76	14.76
Greece, Vodafone, Vodafone Prepaid + Super Voice 80 *	7.14	3.72	10.86
Hungary, Pannon, djuice Complete Basic *	9.91	-	9.91
Hungary, T-Mobile, Domino Aktiv	1.80	8.86	10.66
Ireland, O2, Clear 50 18 month *	15.07	0.17	15.24
Ireland, Vodafone, Advantage	-	17.07	17.07
Italy, TIM, Easy TIM New	0.14	15.72	15.86
Italy, Vodafone, Easy Day Special €10 Top-up *	-	12.36	12.36
Latvia, LMT, Okarte O!Dati *	0.04	5.29	5.33
Latvia, Tele2 Latvia, ZeltaZivtina Nulles tariffs *	-	4.19	4.19
Lithuania, Omnitel, Asmeninis 15 - 12 Month Contract *	-	4.83	4.83
Lithuania, Tele2, Pildyk Nulis *	1.45	3.03	4.48
Luxembourg, LuxGSM, Basic	-	9.82	9.82
Luxembourg, Tango, Knock-out	-	8.33	8.33
Malta, Go, Base	-	9.96	9.96
Malta, Vodafone Malta, Talk All Day *	-	12.78	12.78
Netherlands, KPN, SIM-only €12.50 24 Month *	8.64	-	8.64
Netherlands, Vodafone, SIM only 17.50 - 2 year	9.01	-	9.01
Poland, Plus, Minutowa 1400 *	0.33	7.32	7.65
Poland, Orange, POP *	-	5.66	5.66
Portugal, TMN, UZO	-	10.03	10.03
Portugal, Vodafone, YORN Power Extravaganza *	-	9.91	9.91
Romania, Orange, Dolphin 4 *	4.00	2.06	6.06
Romania, Vodafone, Cartela Vodafone *	0.13	5.49	5.62
Slovakia, Orange, Kreditné Paušál €10 *	10.31	3.24	13.54
Slovakia, T-Mobile, Podľa seba 1 *	10.27	0.26	10.53
Slovenia, Mobitel, Mobi	-	10.69	10.69
Slovenia, Si.mobil Vodafone, Halo SMS Prepaid	-	9.41	9.41
Spain, MoviStar, Contrato Simple *	0.68	13.42	14.10
Spain, Vodafone, Contrato Tarde *	-	15.88	15.88
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	2.19	4.33
Sweden, Telia, Refill Flexibel 100	0.27	9.80	10.08
UK, O2, Pay & Go Talkalot + Calls&Message Bolt On	11.12	-	11.12
UK, T-Mobile, Pay As You Go Mates Rates	-	10.26	10.26
EU simple average across all packages	2.75	7.02	9.77

Figure 7.8 Low usage 2006 OECD basket, pre & post-paid data

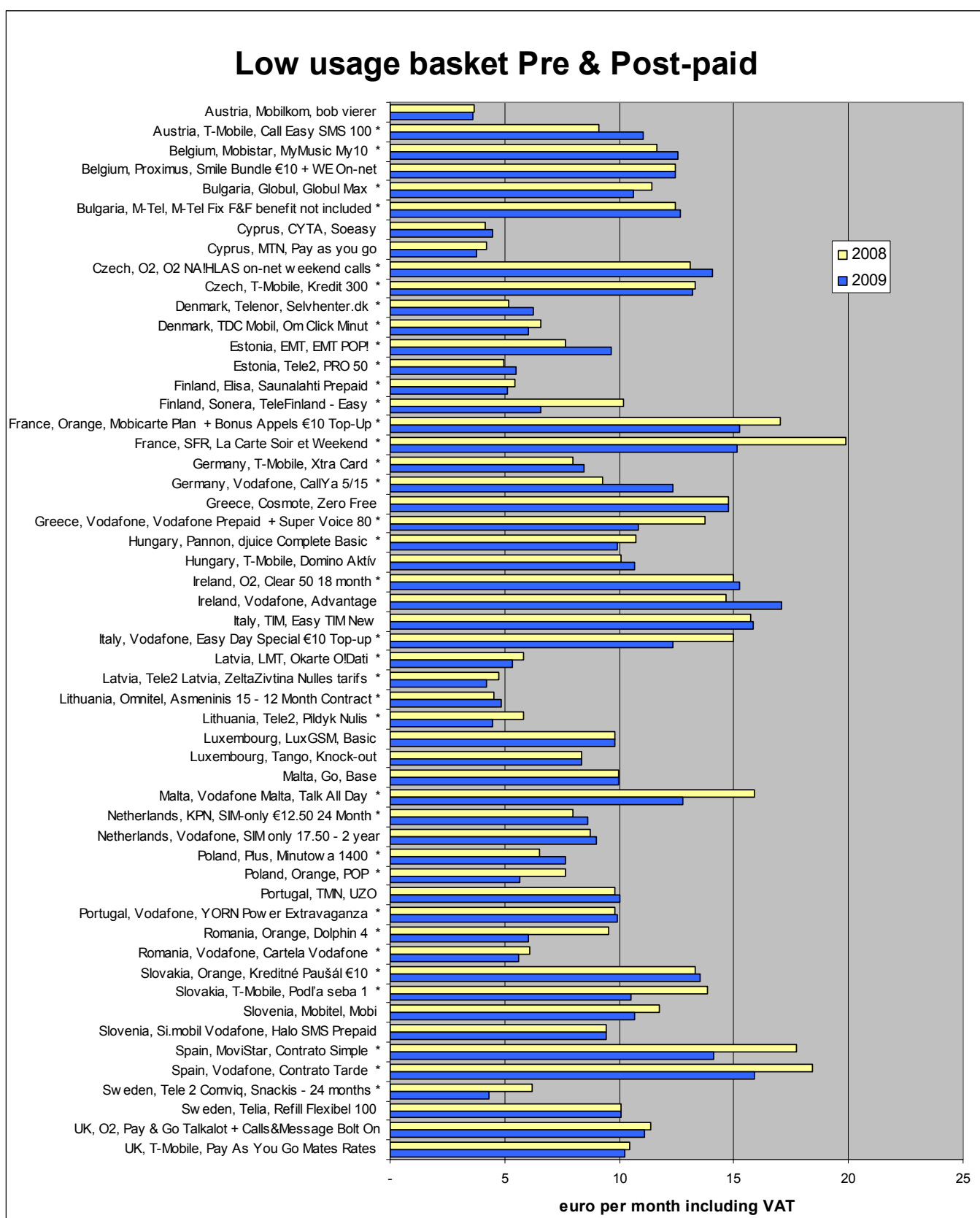


Table 7.9 Medium usage 2006 OECD basket, pre & post-paid data

Medium usage basket Pre & Post-paid 2009	Fixed	Usage	Total
Austria, Mobikom, bob vierer	-	7.28	7.28
Austria, T-Mobile, Call Easy SMS 100 *	10.78	2.06	12.84
Belgium, Mobistar, MyComfort My15 *	15.00	8.01	23.01
Belgium, Proximus, Smile Bundle €20 + WE On-net	20.00	6.48	26.48
Bulgaria, Globul, Globul Max *	5.06	12.00	17.06
Bulgaria, M-Tel, M-Tel Extra Pro	7.62	13.25	20.86
Cyprus, CYTA, Soeasy	0.69	9.47	10.17
Cyprus, MTN, MTN 140	8.59	0.13	8.72
Czech, O2, Neon M *	17.79	8.24	26.03
Czech, T-Mobile, Combi 300 *	0.39	19.98	20.37
Denmark, Telenor, Tale S *	7.33	1.90	9.23
Denmark, TDC Mobil, Om Click Minut *	0.37	12.00	12.37
Estonia, EMT, EMT Premium *	4.66	14.58	19.24
Estonia, Tele2, Hinnaliider 59 *	0.83	9.69	10.52
Finland, Elisa, Saunalahti Prepaid *	0.28	10.59	10.87
Finland, Sonera, TeleFinland - Perus + SMS 100 *	2.76	9.12	11.88
France, Orange, Zap 11-18 22 euro/24 months *	22.00	7.58	29.58
France, SFR, Sur Mesure 2H 24 months *	27.00	0.25	27.25
Germany, T-Mobile, Xtra Card *	0.28	17.83	18.11
Germany, Vodafone, CallYa 5/15 *	0.55	21.60	22.16
Greece, Cosmote, Cosmote 120 + SMS 70 *	27.00	0.29	27.29
Greece, Vodafone, Vodafone Prepaid + Super Voice 150 *	12.14	5.59	17.73
Hungary, Pannon, djuice Complete SMS *	14.31	0.82	15.14
Hungary, T-Mobile, Domino Aktiv	1.80	16.73	18.53
Ireland, O2, Speak Easy - o2 Experience Plus *	-	20.00	20.00
Ireland, Vodafone, Simply 30 day SIM only *	20.00	0.17	20.17
Italy, TIM, TIM Premia Senza Scatto *	0.19	21.74	21.93
Italy, Vodafone, Easy Day Special €10 Top-up *	-	25.81	25.81
Latvia, LMT, Equal 7 *	-	9.93	9.93
Latvia, Tele2 Latvia, ZeltaZivtina Nulles tariffs *	-	6.03	6.03
Lithuania, Omnitel, Asmeninis 25 - 12 Month Contract *	-	8.30	8.30
Lithuania, Tele2, Pildyk Nulis *	1.45	6.55	7.99
Luxembourg, LuxGSM, Basic	-	18.95	18.95
Luxembourg, Tango, Knock-out	-	15.96	15.96
Malta, Go, Base + 60 mins option *	9.99	12.38	22.37
Malta, Vodafone Malta, Lightweight + On-net & Fixed Line Mins + Free on-net	20.00	8.36	28.36
Netherlands, KPN, SIM-only €17.50 24 Month *	10.64	-	10.64
Netherlands, Vodafone, SIM only 27.50 - 2 year	14.01	-	14.01
Poland, Plus, Minutowa 3000 *	0.17	16.15	16.32
Poland, Orange, Go (Charge up Zł.100.00) *	-	12.18	12.18
Portugal, TMN, UZO Minimum usage	-	17.42	17.42
Portugal, Vodafone, Vodafone Directo Com Carregamentos	-	17.47	17.47
Romania, Orange, Panther 8 *	8.00	1.14	9.14
Romania, Vodafone, Cartela Vodafone *	0.13	13.61	13.74
Slovakia, Orange, Volania 100 + 70 Messages *	19.71	1.61	21.32
Slovakia, T-Mobile, Podľa seba 1 *	10.27	8.41	18.67
Slovenia, Mobitel, Povezani 11 *	11.33	5.93	17.26
Slovenia, Si.mobil Vodafone, Orto U Nulo	10.33	5.18	15.51
Spain, MoviStar, Contrato Simple *	0.68	28.03	28.71
Spain, Vodafone, Contrato Tarde *	-	35.54	35.54
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	6.48	8.62
Sweden, Telia, Refill Flexibel 150 *	0.27	14.70	14.98
UK, O2, Simplicity 150 - 30 day SIM only *	11.12	-	11.12
UK, T-Mobile, Solo 10 - 30 day SIM only *	11.12	0.76	11.87
EU simple average across all packages	6.83	10.26	17.09

Figure 7.9 Medium usage 2006 OECD basket, pre & post-paid data

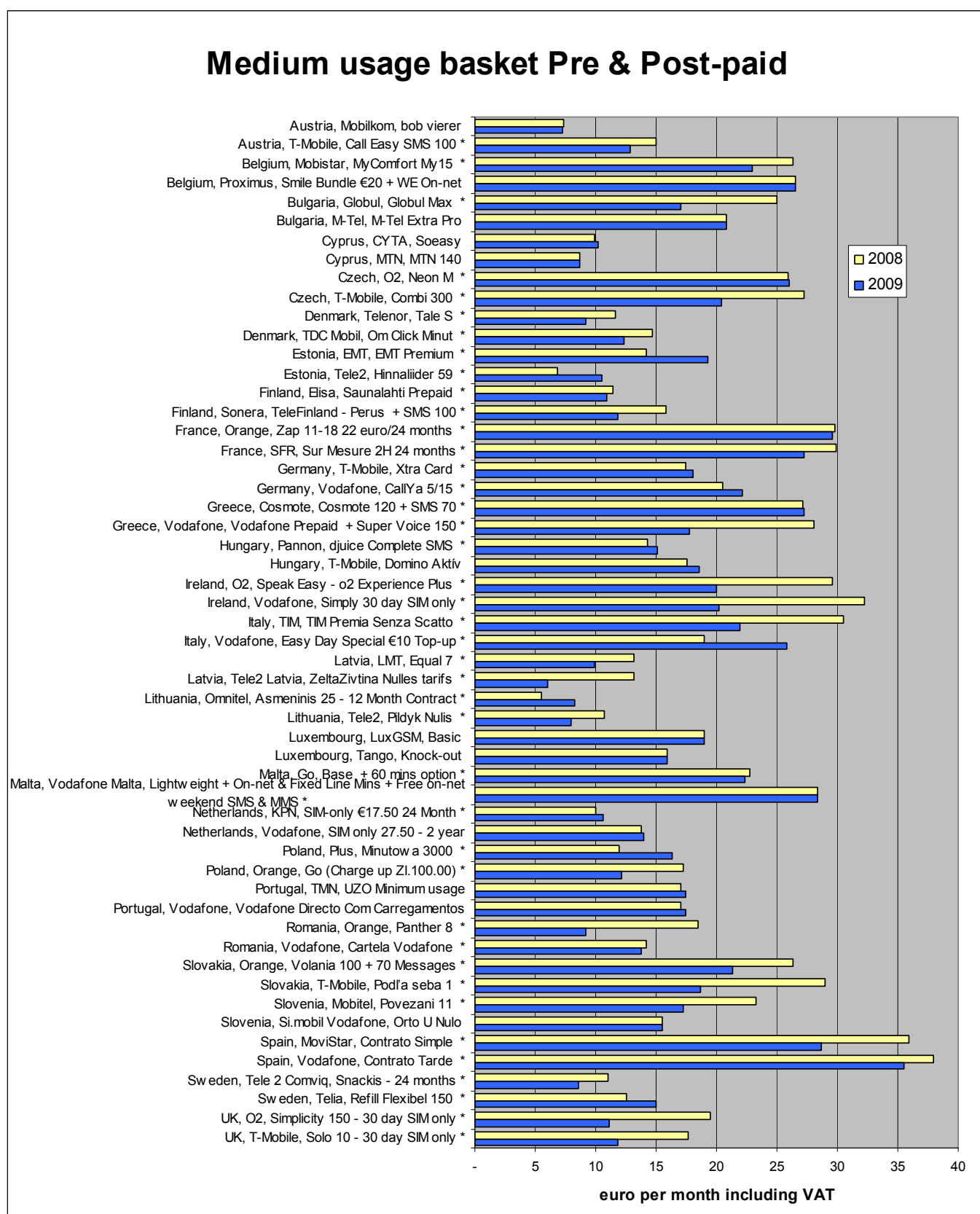
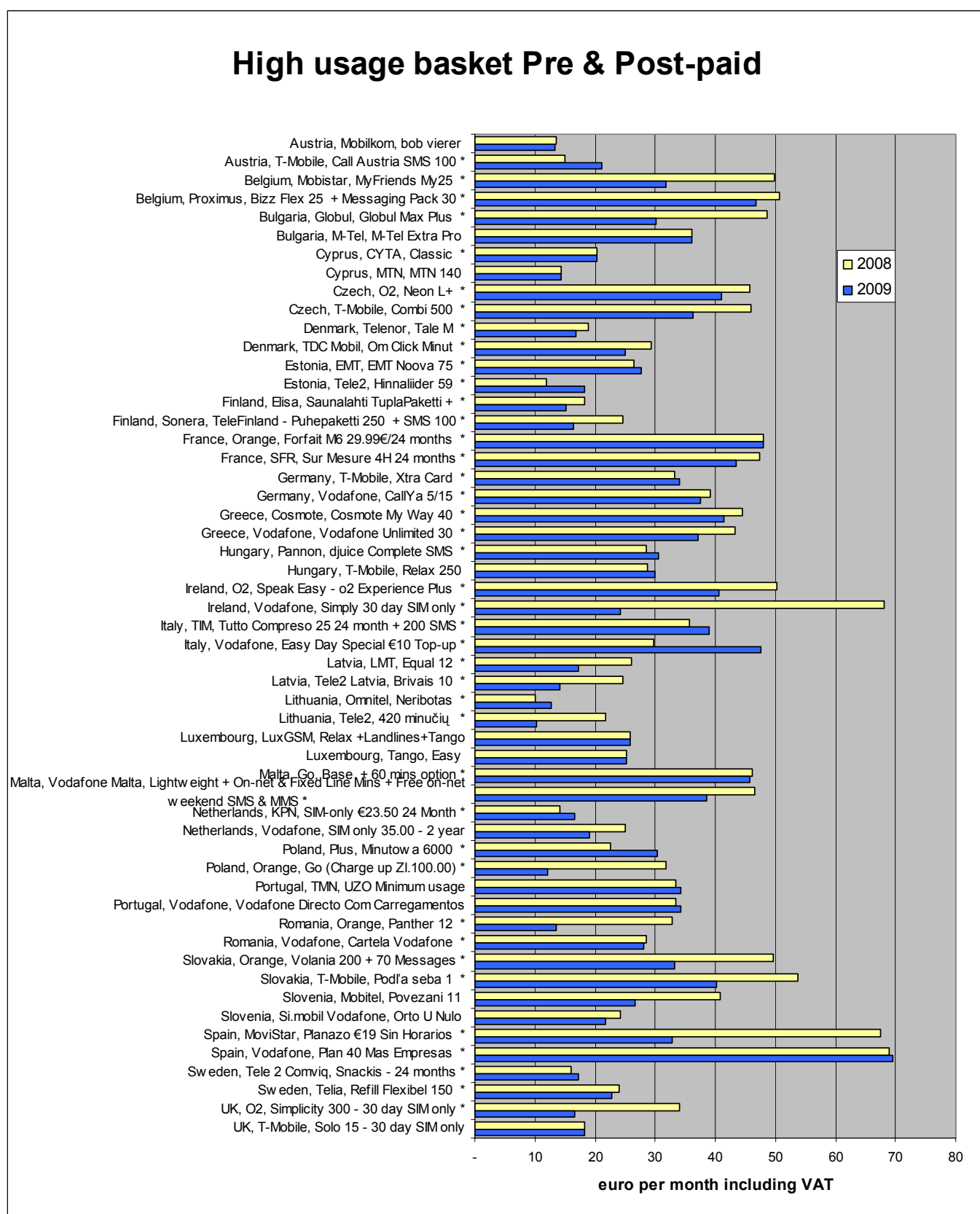


Table 7.10 High usage 2006 OECD basket, pre & post-paid data

High usage basket Pre & Post-paid 2009	Fixed	Usage	Total
Austria, Mobikom, bob vierer	-	13.41	13.41
Austria, T-Mobile, Call Austria SMS 100 *	20.78	0.40	21.18
Belgium, Mobistar, MyFriends My25 *	25.00	6.85	31.85
Belgium, Proximus, Bizz Flex 25 + Messaging Pack 30 *	33.25	13.57	46.83
Bulgaria, Globul, Globul Max Plus *	7.62	22.53	30.15
Bulgaria, M-Tel, M-Tel Extra Pro	7.62	28.45	36.06
Cyprus, CYTA, Classic *	4.48	15.91	20.38
Cyprus, MTN, MTN 140	8.59	5.67	14.26
Czech, O2, Neon L+ *	37.45	3.48	40.93
Czech, T-Mobile, Combi 500 *	0.39	35.99	36.38
Denmark, Telenor, Tale M *	14.04	2.83	16.88
Denmark, TDC Mobil, Om Click Minut *	0.37	24.71	25.08
Estonia, EMT, EMT Noova 75 *	0.82	26.92	27.74
Estonia, Tele2, Hinnaliider 59 *	0.83	17.47	18.29
Finland, Elisa, Saunalahti TuplaPaketti + *	15.03	0.19	15.22
Finland, Sonera, TeleFinland - Puhepaketti 250 + SMS 100 *	16.00	0.35	16.35
France, Orange, Forfait M6 29.99€/24 months *	29.99	18.07	48.06
France, SFR, Sur Mesure 4H 24 months *	43.00	0.39	43.39
Germany, T-Mobile, Xtra Card *	0.28	33.79	34.07
Germany, Vodafone, CallYa 5/15 *	0.55	36.95	37.50
Greece, Cosmote, Cosmote My Way 40 *	40.00	1.54	41.54
Greece, Vodafone, Vodafone Unlimited 30 *	30.00	7.03	37.03
Hungary, Pannon, djuice Complete SMS *	14.31	16.18	30.50
Hungary, T-Mobile, Relax 250	23.85	6.09	29.94
Ireland, O2, Speak Easy - o2 Experience Plus *	-	40.57	40.57
Ireland, Vodafone, Simply 30 day SIM only *	20.00	4.19	24.19
Italy, TIM, Tutto Compreso 25 24 month + 200 SMS *	35.16	3.72	38.88
Italy, Vodafone, Easy Day Special €10 Top-up *	-	47.53	47.53
Latvia, LMT, Equal 12 *	0.20	17.03	17.23
Latvia, Tele2 Latvia, Brivais 10 *	-	14.19	14.19
Lithuania, Omnitel, Neribotas *	-	12.82	12.82
Lithuania, Tele2, 420 minučių *	7.24	2.97	10.21
Luxembourg, LuxGSM, Relax +Landlines+Tango	20.00	5.85	25.85
Luxembourg, Tango, Easy	9.00	16.17	25.17
Malta, Go, Base + 60 mins option *	9.99	35.71	45.70
Malta, Vodafone Malta, Lightweight + On-net & Fixed Line Mins + Free on-net	20.00	18.49	38.49
Netherlands, KPN, SIM-only €23.50 24 Month *	14.64	2.05	16.69
Netherlands, Vodafone, SIM only 35.00 - 2 year	17.76	1.23	19.00
Poland, Plus, Minutowa 6000 *	0.17	30.10	30.27
Poland, Orange, Go (Charge up Zł.100.00) *	-	12.18	12.18
Portugal, TMN, UZO Minimum usage	-	34.16	34.16
Portugal, Vodafone, Vodafone Directo Com Carregamentos	-	34.22	34.22
Romania, Orange, Panther 12 *	12.00	1.47	13.47
Romania, Vodafone, Cartela Vodafone *	0.13	27.91	28.04
Slovakia, Orange, Volania 200 + 70 Messages *	28.71	4.60	33.30
Slovakia, T-Mobile, Podľa seba 1 *	10.27	30.02	40.28
Slovenia, Mobitel, Povezani 11	11.33	15.25	26.58
Slovenia, Si.mobil Vodafone, Orto U Nulo	10.33	11.41	21.75
Spain, MoviStar, Planazo €19 Sin Horarios *	22.04	10.73	32.77
Spain, Vodafone, Plan 40 Mas Empresas *	0.68	68.83	69.51
Sweden, Tele 2 Comviq, Snackis - 24 months *	2.13	15.10	17.24
Sweden, Telia, Refill Flexibel 150 *	0.27	22.49	22.76
UK, O2, Simplicity 300 - 30 day SIM only *	16.68	-	16.68
UK, T-Mobile, Solo 15 - 30 day SIM only	16.67	1.53	18.20
EU simple average across all packages	12.22	16.32	28.54

Figure 7.10 High usage 2006 OECD basket, pre & post-paid data



7.5. Price development of mobile services

In order to show a price trend for the years 2002 to 2009 the “2002 version” of the OECD baskets have been used. This covers post-paid packages only.

For the years 2006 to 2009 the “2006 version” of the OECD baskets are shown in separate graphs. These graphs use the best price of pre- and post-paid packages offered by each operator.

The following graphs will show the average price development for the EU countries, using a simple average across all member countries per year. The averages cover the cheapest package from the same mobile operators as listed in section 7.1 above.

Data for 2002 – 2003 refer to EU15.

Data for 2004 – 2006 refer to EU25.

Data for 2007 – 2009 refer to EU27.

Graphs start on next page.

Figure 7.11 Low usage basket average, 2002 basket version

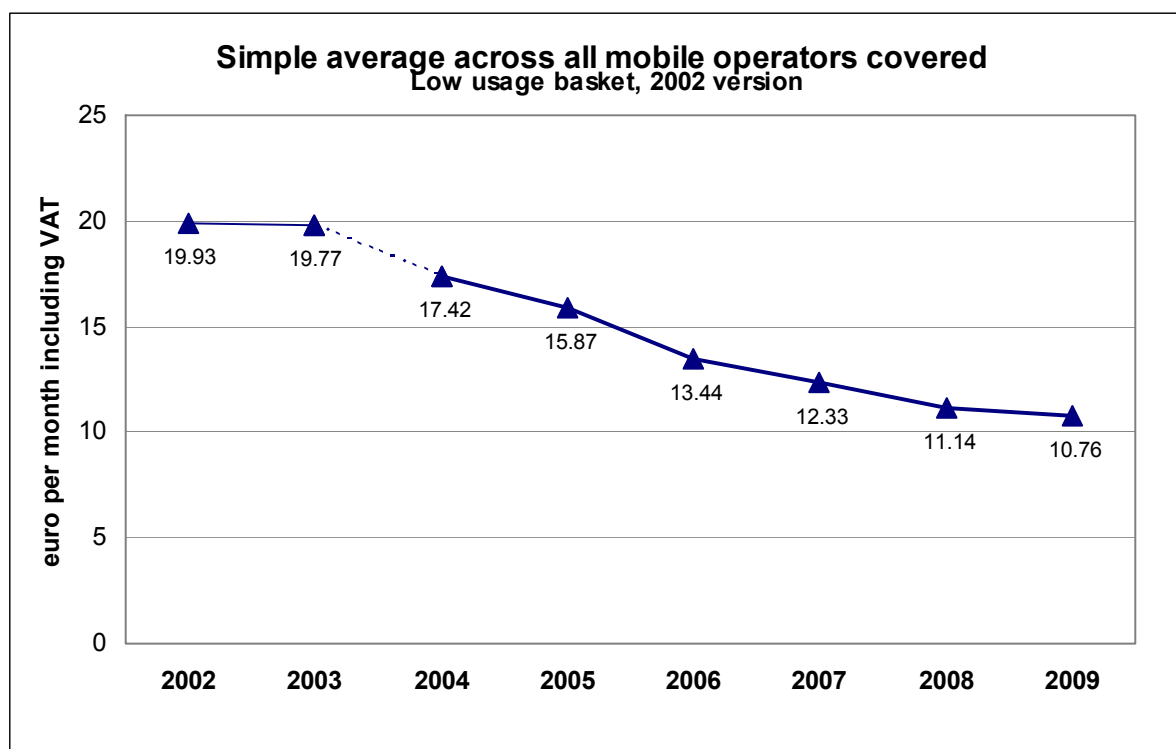


Figure 7.12 Low usage basket average, 2006 basket version

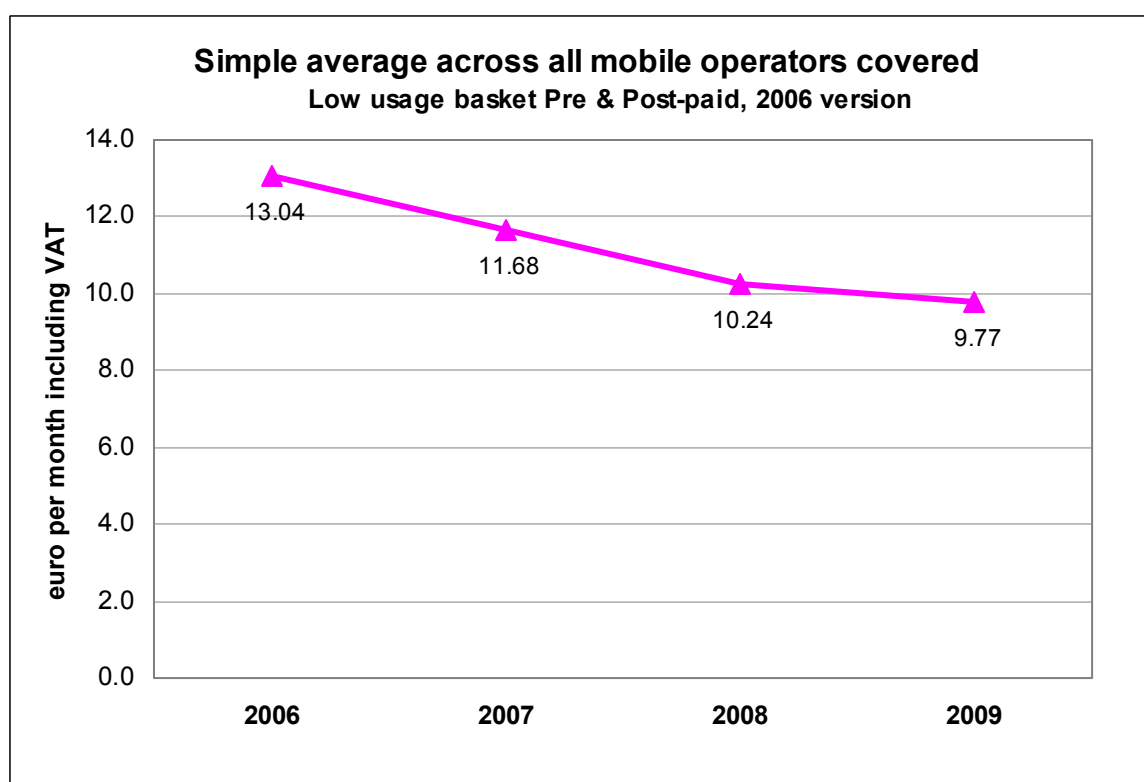


Figure 7.13 Medium usage basket average, 2002 basket version

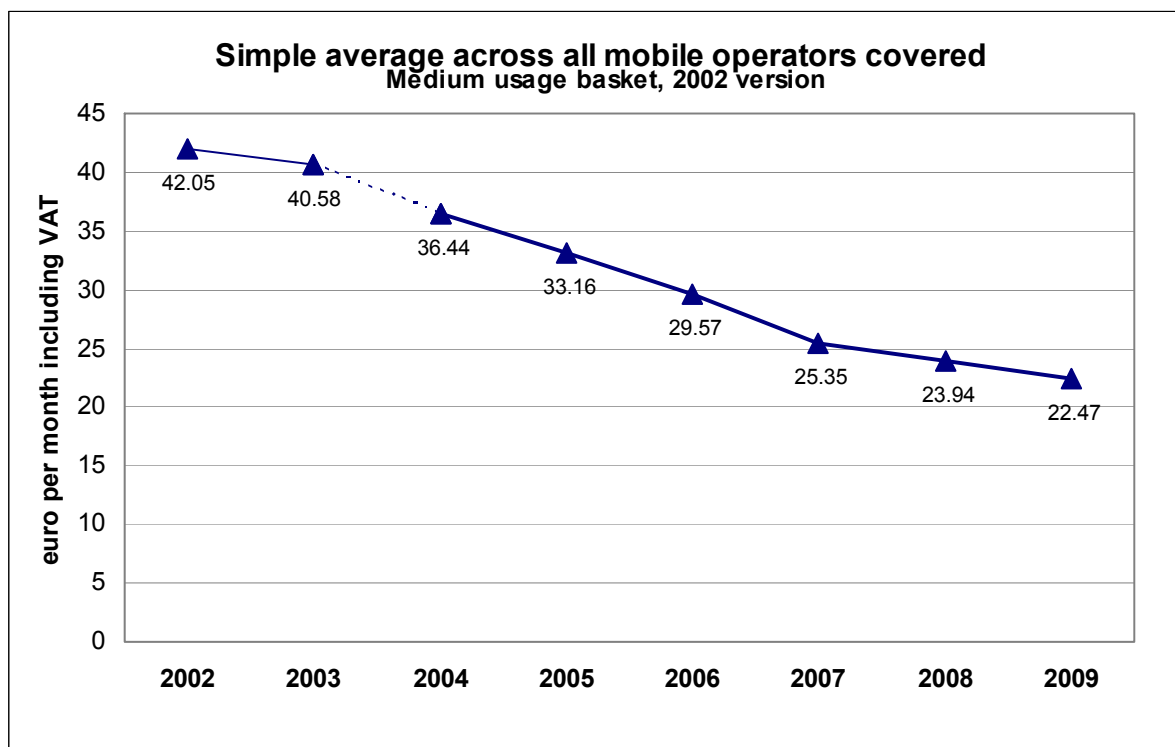


Figure 7.14 Medium usage basket average, 2006 basket version

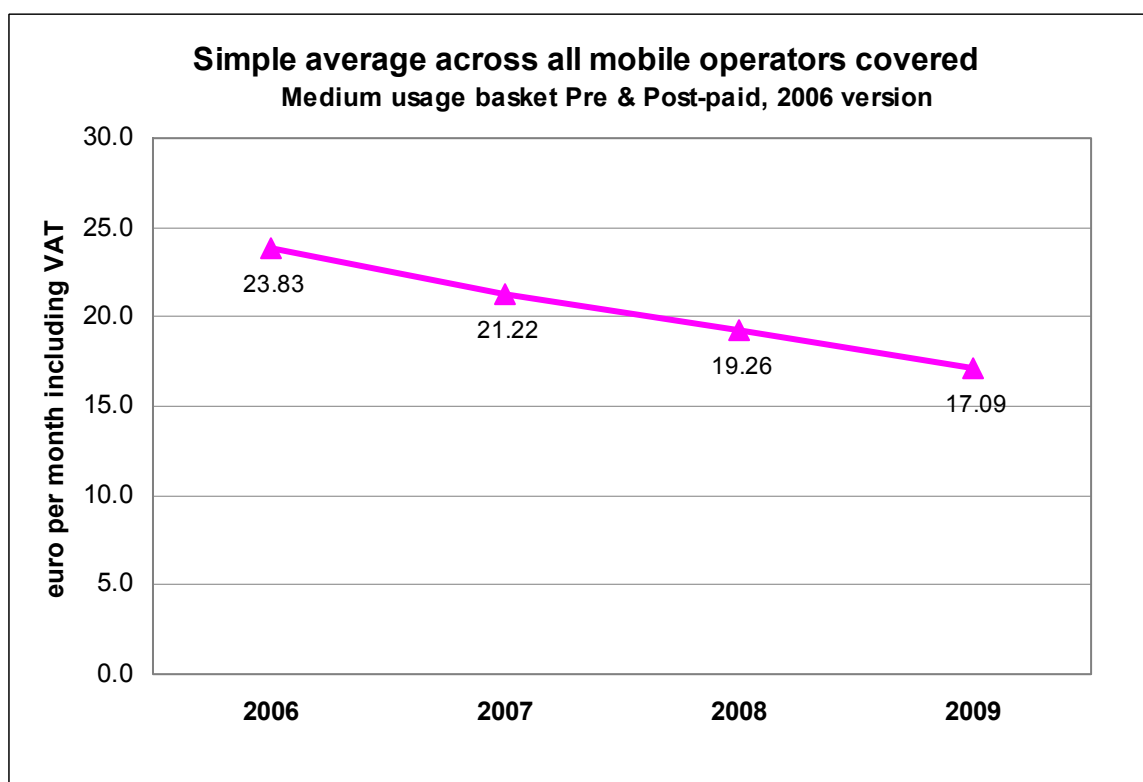


Figure 7.15 High usage basket average, 2002 basket version

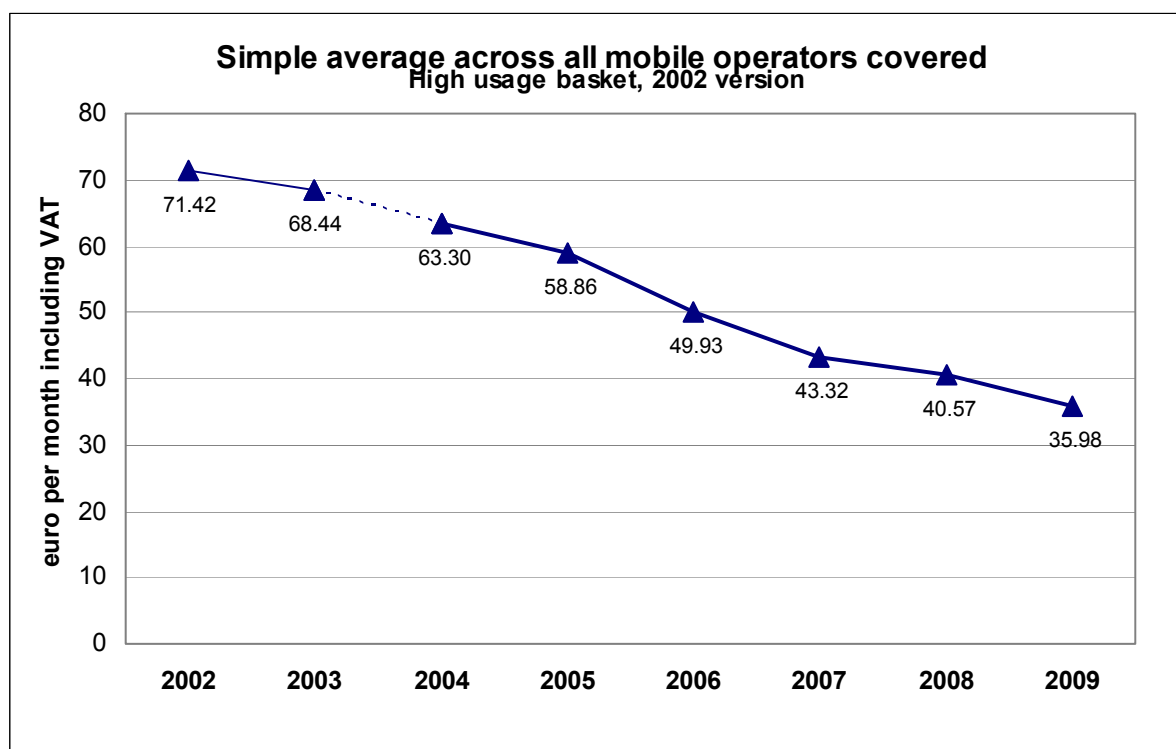
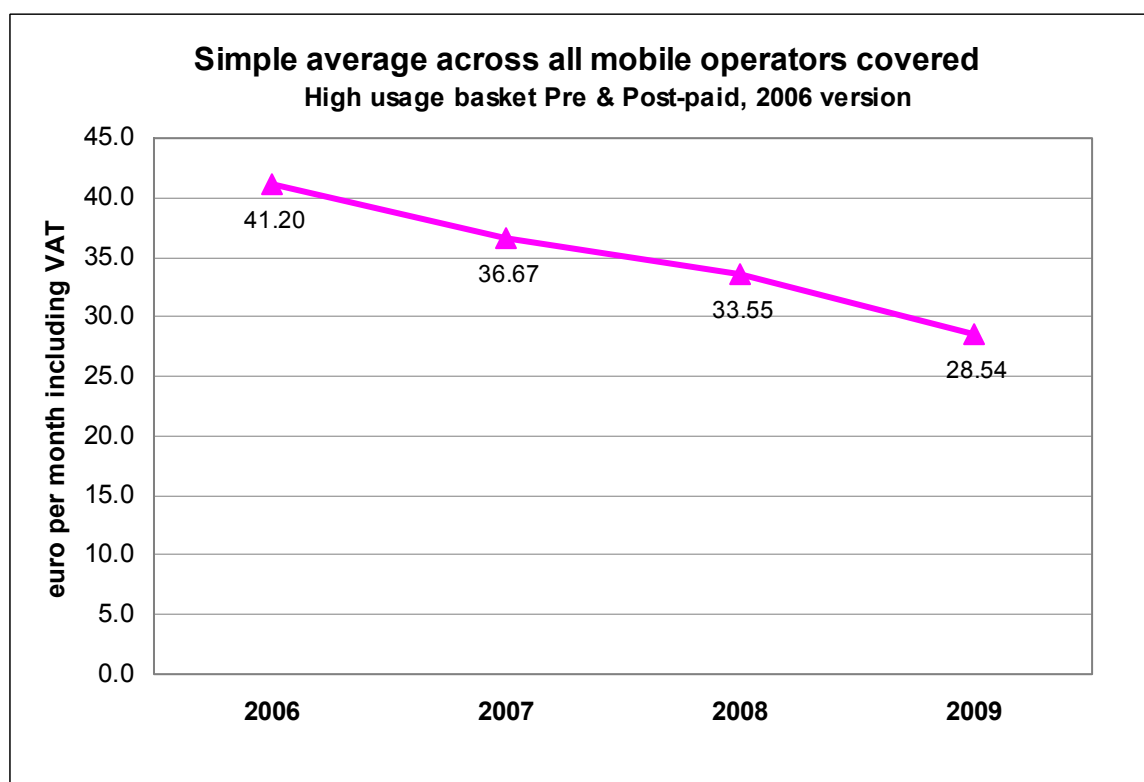


Figure 7.16 High usage basket average, 2006 basket version



7.6. Initial charges and charging method

The following table shows the minimum cost per call (i.e. the cost of a call with zero duration) for the mobile operators covered, and the charging method with initial and additional charging increments. Both pre- and post-paid packages are considered. Some operators have different methods and charges for each package, and this is also identified in the table.

Any minimum or call set up charges apply to usage outside any allowance of minutes or value associated with the tariff package. Assuming that the allowance is not exhausted in the billing period the user will not experience the charges shown in this table. This will especially apply to post-paid packages.

All prices are shown in national currency, with VAT included or excluded as stated for each tariff.

Notes to tables on the following pages:

There may be other packages than those shown in this table.

The minimum charge specified in the “xx minimum Peak” columns is the price of the initial period (e.g. first minute) specified in the “Minimum seconds” column.

Where call set-up charges are used the call is assumed to be of zero length, and the call charges (per minute or per second) are not included in this presentation.

The tables start on the next page.

Table 7.11 Billing system and minimum call charges (41 pages)

Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Austria	Mobilkom	A1 Smart 100	-	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 350	-	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 1100	-	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Seconds Zero	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	Mobilkom	A1 Smart 100	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 350	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 1100	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Seconds Zero	SMS 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	Mobilkom	A1 Smart 100	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 350	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Smart 1100	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	-	-	0.25
Austria	Mobilkom	A1 Seconds Zero	SMS 1000	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	Mobilkom	A1 Xcite Zero	-	FALSE	TRUE	60	60	-	-	0.10	-	-	-	0.10
Austria	Mobilkom	bob vierer	-	FALSE	TRUE	60	30	-	-	0.04	-	0.04	-	0.04
Austria	Mobilkom	B-Free 5	-	TRUE	TRUE	60	60	-	-	0.40	-	0.05	-	0.40
Austria	Mobilkom	B-Free 20	-	TRUE	TRUE	60	30	-	-	0.40	-	0.20	-	0.40
Austria	Mobilkom	bob wertkarte	-	TRUE	TRUE	60	30	-	-	0.07	-	0.07	-	0.07
Austria	T-Mobile	Call Easy	-	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Austria	-	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Europa	-	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Relax Sekundentakt	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	T-Mobile	Call Easy	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Austria	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Europa	SMS 100	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Relax Sekundentakt	SMS 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	T-Mobile	Call Easy	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Austria	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Call Europa	SMS 1000	FALSE	TRUE	60	60	-	-	0.25	-	0.25	-	0.25
Austria	T-Mobile	Relax Sekundentakt	SMS 1000	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Austria	T-Mobile	Klax Start	-	TRUE	TRUE	60	30	-	-	0.09	-	0.09	-	0.09
Austria	T-Mobile	Klax Club	-	TRUE	TRUE	60	30	-	-	0.30	-	0.05	-	0.30
Austria	T-Mobile	Klax Total	-	TRUE	TRUE	60	30	-	-	0.09	-	0.09	-	0.09

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Belgium	Proximus	Smile Bundle €5	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Belgium	Proximus	Smile Bundle €10 + W	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Belgium	Proximus	Smile Bundle €20 + W	-	FALSE	TRUE	60	1	-	-	0.24	-	0.24	-	0.24
Belgium	Proximus	Smile Bundle €35 + W	-	FALSE	TRUE	60	1	-	-	0.22	-	0.22	-	0.22
Belgium	Proximus	Smile Exclusive €50	-	FALSE	TRUE	60	1	-	-	0.18	-	0.18	-	0.18
Belgium	Proximus	Smile Exclusive €80	-	FALSE	TRUE	60	1	-	-	0.15	-	0.15	-	0.15
Belgium	Proximus	Smile Exclusive €110	-	FALSE	TRUE	60	1	-	-	0.10	-	0.10	-	0.10
Belgium	Proximus	Bizz Flex 25	-	FALSE	FALSE	60	1	-	-	0.15	-	0.17	-	0.17
Belgium	Proximus	Bizz Flex 50	-	FALSE	FALSE	60	1	-	-	0.15	-	0.13	-	0.13
Belgium	Proximus	Bizz Happy Work	-	FALSE	FALSE	60	1	-	-	0.15	-	0.10	-	0.10
Belgium	Proximus	Bizz Happy Max	-	FALSE	FALSE	60	1	-	-	0.15	-	0.10	-	0.10
Belgium	Proximus	Bizz Flex 25	+ Messaging	FALSE	FALSE	60	1	-	-	0.15	-	0.17	-	0.17
Belgium	Proximus	Bizz Flex 50	+ Messaging	FALSE	FALSE	60	1	-	-	0.15	-	0.13	-	0.13
Belgium	Proximus	Bizz Happy Work	+ Messaging	FALSE	FALSE	60	1	-	-	0.15	-	0.10	-	0.10
Belgium	Proximus	Bizz Happy Max	+ Messaging	FALSE	FALSE	60	1	-	-	0.15	-	0.10	-	0.10
Belgium	Proximus	Pay & Go Together	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Proximus	Pay & Go Together	€10 Top-up	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Proximus	Pay & Go Generation	-	TRUE	TRUE	60	1	-	-	0.50	-	0.50	-	0.50
Belgium	Proximus	Pay & Go Generation	w/weekend bo	TRUE	TRUE	60	1	-	-	0.50	-	0.50	-	0.50
Belgium	Mobistar	MyComfort My5	-	FALSE	TRUE	60	1	-	-	0.24	-	0.24	-	0.24
Belgium	Mobistar	MyComfort My10	-	FALSE	TRUE	60	1	-	-	0.23	-	0.23	-	0.23
Belgium	Mobistar	MyComfort My15	-	FALSE	TRUE	60	1	-	-	0.22	-	0.22	-	0.22
Belgium	Mobistar	MyComfort My25	-	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Belgium	Mobistar	MyComfort My45	-	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
Belgium	Mobistar	MyComfort My70	-	FALSE	TRUE	60	1	-	-	0.18	-	0.18	-	0.18
Belgium	Mobistar	MyComfort My99	-	FALSE	TRUE	60	1	-	-	0.16	-	0.16	-	0.16
Belgium	Mobistar	MyFriends My15	-	FALSE	TRUE	60	1	-	-	0.22	-	0.22	-	0.22
Belgium	Mobistar	MyFriends My25	-	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Belgium	Mobistar	MyFriends My45	-	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
Belgium	Mobistar	MyMusic My10	-	FALSE	TRUE	60	1	-	-	0.23	-	0.23	-	0.23
Belgium	Mobistar	MyMusic My15	-	FALSE	TRUE	60	1	-	-	0.22	-	0.22	-	0.22
Belgium	Mobistar	MyMusic My25	-	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Belgium	Mobistar	Best Deal	-	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
Belgium	Mobistar	Tempo Comfort €5	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Comfort €10	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Comfort €15	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Comfort €25	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Comfort €50	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Friends €5	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Friends €10-15	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Friends €25	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Friends €50	-	TRUE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Belgium	Mobistar	Tempo Music €5	-	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Belgium	Mobistar	Tempo Music €10	-	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Belgium	Mobistar	Tempo Music €15/25/50	-	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Bulgaria	Globul	Timestop	F&F benefit no	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.32
Bulgaria	Globul	Basic	F&F benefit no	FALSE	TRUE	30	1	-	-	0.26	-	0.26	-	0.26
Bulgaria	Globul	Globul 10	F&F benefit no	FALSE	TRUE	30	1	-	-	0.22	-	0.22	-	0.22
Bulgaria	Globul	Globul 30	F&F benefit no	FALSE	TRUE	30	1	-	-	0.21	-	0.21	-	0.21
Bulgaria	Globul	Globul 60	F&F benefit no	FALSE	TRUE	30	1	-	-	0.20	-	0.20	-	0.20
Bulgaria	Globul	Globul 120	F&F benefit no	FALSE	TRUE	30	1	-	-	0.19	-	0.19	-	0.19
Bulgaria	Globul	Globul 240	F&F benefit no	FALSE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Bulgaria	Globul	Globul 480	F&F benefit no	FALSE	TRUE	30	1	-	-	0.15	-	0.15	-	0.15
Bulgaria	Globul	Globul Max	-	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.32
Bulgaria	Globul	Globul Max Plus	-	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.32
Bulgaria	Globul	Globul Full Max	-	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.32
Bulgaria	Globul	Globul Super Max	-	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.32
Bulgaria	Globul	30+	-	FALSE	TRUE	60	1	-	-	0.32	-	0.32	-	0.44
Bulgaria	Globul	B-Connect Hit	-	TRUE	TRUE	60	1	-	-	0.35	-	0.35	-	0.47
Bulgaria	Globul	B-Connect	F&F benefit no	TRUE	TRUE	60	1	-	-	0.44	-	0.44	-	0.44
Bulgaria	Globul	B-Connect Weekend	-	TRUE	TRUE	60	1	-	-	0.47	-	0.47	-	0.47
Bulgaria	M-Tel	M-Tel Extra Advance	F&F benefit no	FALSE	TRUE	60	1	-	-	0.32	-	0.16	-	0.32
Bulgaria	M-Tel	M-Tel Extra Pro	-	FALSE	TRUE	60	1	-	-	0.36	-	0.18	-	0.36
Bulgaria	M-Tel	M-Tel Fix	F&F benefit no	FALSE	TRUE	60	1	-	-	0.15	-	0.29	-	0.39
Bulgaria	M-Tel	M-Tel Fit S	F&F benefit no	FALSE	TRUE	60	1	-	-	0.36	-	0.36	-	0.36
Bulgaria	M-Tel	M-Tel Fit M	F&F benefit no	FALSE	TRUE	60	1	-	-	0.36	-	0.36	-	0.36
Bulgaria	M-Tel	M-Tel Fit L	F&F benefit no	FALSE	TRUE	60	1	-	-	0.36	-	0.36	-	0.36
Bulgaria	M-Tel	M-Tel Fit XL	F&F benefit no	FALSE	TRUE	60	1	-	-	0.36	-	0.36	-	0.36
Bulgaria	M-Tel	Prima Star	F&F benefit no	TRUE	TRUE	60	1	-	-	0.59	-	0.34	-	0.59
Bulgaria	M-Tel	Prima Classic	F&F benefit no	TRUE	TRUE	60	1	-	-	0.54	-	0.54	-	0.54

Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Cyprus	CYTA	Classic	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	CYTA	Lite	-	FALSE	TRUE	0	1	0.04	-	-	-	-	-	-
Cyprus	CYTA	Soeasy	-	TRUE	TRUE	0	1	0.03	-	-	-	-	-	-
Cyprus	MTN	MTN 140	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	MTN	MTN 350	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	MTN	MTN 900	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	MTN	MTN 1600	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	MTN	MTN PM Flex	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Cyprus	MTN	Pay as you go	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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- Country	- Provider	- Package	- Option	- Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Czech Repu	O2	Neon SMS	-	FALSE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50
Czech Repu	O2	Neon XS	-	FALSE	TRUE	60	60	-	-	6.50	-	6.50	-	6.50
Czech Repu	O2	Neon S	-	FALSE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50
Czech Repu	O2	Neon M	-	FALSE	TRUE	60	60	-	-	4.90	-	4.90	-	4.90
Czech Repu	O2	Neon L	-	FALSE	TRUE	60	60	-	-	4.90	-	4.90	-	4.90
Czech Repu	O2	Neon L+	-	FALSE	TRUE	60	60	-	-	3.90	-	3.90	-	3.90
Czech Repu	O2	Neon XL	-	FALSE	TRUE	60	60	-	-	2.90	-	-	-	2.90
Czech Repu	O2	Neon XXL	-	FALSE	TRUE	60	60	-	-	-	-	-	-	-
Czech Repu	O2	o2 Zero	-	FALSE	TRUE	60	60	-	-	5.90	-	5.90	-	5.90
Czech Repu	O2	O2 NA!PIŠTE	-	TRUE	TRUE	60	60	-	-	6.50	-	6.50	-	6.50
Czech Repu	O2	O2 NA!HLAS	-	TRUE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50
Czech Repu	O2	O2 NA!PIŠTE	on-net evening	TRUE	TRUE	60	60	-	-	6.50	-	6.50	-	6.50
Czech Repu	O2	O2 NA!HLAS	on-net evening	TRUE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50
Czech Repu	O2	O2 NA!PIŠTE	on-net weeken	TRUE	TRUE	60	60	-	-	6.50	-	6.50	-	6.50
Czech Repu	O2	O2 NA!HLAS	on-net weeken	TRUE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50
Czech Repu	O2	O2 NA!PIŠTE	on-net weeken	TRUE	TRUE	60	60	-	-	6.50	-	6.50	-	6.50
Czech Repu	O2	O2 NA!HLAS	on-net weeken	TRUE	TRUE	60	60	-	-	5.50	-	5.50	-	5.50

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Czech Repu	T-Mobile	Pratele v siti	-	FALSE	TRUE	60	60	-	-	4.90	-	4.90	-	4.90
Czech Repu	T-Mobile	Pratele v siti +	-	FALSE	TRUE	60	60	-	-	2.90	-	2.90	-	2.90
Czech Repu	T-Mobile	Pratele sit nesit+	-	FALSE	TRUE	60	60	-	-	1.90	-	1.90	-	1.90
Czech Repu	T-Mobile	TOP	-	FALSE	TRUE	60	30	-	-	2.90	-	2.90	-	2.90
Czech Repu	T-Mobile	TOP+	-	FALSE	TRUE	60	30	-	-	2.50	-	2.50	-	2.50
Czech Repu	T-Mobile	Kredit 150	-	FALSE	FALSE	60	30	-	-	5.50	-	5.50	-	5.50
Czech Repu	T-Mobile	Kredit 300	-	FALSE	TRUE	60	30	-	-	5.90	-	5.90	-	5.90
Czech Repu	T-Mobile	Kredit 500	-	FALSE	TRUE	60	30	-	-	4.90	-	4.90	-	4.90
Czech Repu	T-Mobile	Kredit 750	-	FALSE	TRUE	60	30	-	-	3.90	-	3.90	-	3.90
Czech Repu	T-Mobile	Kredit 1000	-	FALSE	TRUE	60	30	-	-	2.90	-	2.90	-	2.90
Czech Repu	T-Mobile	T 30	-	FALSE	FALSE	60	1	-	-	6.00	-	4.00	-	6.00
Czech Repu	T-Mobile	T 80	-	FALSE	FALSE	60	1	-	-	4.50	-	3.50	-	4.50
Czech Repu	T-Mobile	T 160	-	FALSE	FALSE	60	1	-	-	4.00	-	3.50	-	4.00
Czech Repu	T-Mobile	T 300	-	FALSE	FALSE	60	1	-	-	3.50	-	3.50	-	3.50
Czech Repu	T-Mobile	T 600	-	FALSE	FALSE	60	1	-	-	3.00	-	3.00	-	3.00
Czech Repu	T-Mobile	T 1500	-	FALSE	FALSE	60	1	-	-	2.50	-	2.50	-	2.50
Czech Repu	T-Mobile	T 30	Weekend +	FALSE	FALSE	60	1	-	-	6.00	-	4.00	-	6.00
Czech Repu	T-Mobile	T 80	Weekend +	FALSE	FALSE	60	1	-	-	4.50	-	3.50	-	4.50
Czech Repu	T-Mobile	T 160	Weekend +	FALSE	FALSE	60	1	-	-	4.00	-	3.50	-	4.00
Czech Repu	T-Mobile	T 300	Weekend +	FALSE	FALSE	60	1	-	-	3.50	-	3.50	-	3.50
Czech Repu	T-Mobile	T 600	Weekend +	FALSE	FALSE	60	1	-	-	3.00	-	3.00	-	3.00
Czech Repu	T-Mobile	T 1500	Weekend +	FALSE	FALSE	60	1	-	-	2.50	-	2.50	-	2.50
Czech Repu	T-Mobile	T 30	SMS 100 +	FALSE	FALSE	60	1	-	-	6.00	-	4.00	-	6.00
Czech Repu	T-Mobile	T 80	SMS 100 +	FALSE	FALSE	60	1	-	-	4.50	-	3.50	-	4.50
Czech Repu	T-Mobile	T 160	SMS 100 +	FALSE	FALSE	60	1	-	-	4.00	-	3.50	-	4.00
Czech Repu	T-Mobile	T 300	SMS 100 +	FALSE	FALSE	60	1	-	-	3.50	-	3.50	-	3.50
Czech Repu	T-Mobile	T 600	SMS 100 +	FALSE	FALSE	60	1	-	-	3.00	-	3.00	-	3.00
Czech Repu	T-Mobile	T 1500	SMS 100 +	FALSE	FALSE	60	1	-	-	2.50	-	2.50	-	2.50
Czech Repu	T-Mobile	Combi 300	-	TRUE	FALSE	60	30	-	-	5.90	-	5.90	-	5.90
Czech Repu	T-Mobile	Combi 500	-	TRUE	FALSE	60	30	-	-	4.90	-	4.90	-	4.90
Czech Repu	T-Mobile	Twist Start	-	TRUE	TRUE	60	30	-	-	5.90	-	5.90	-	5.90
Czech Repu	T-Mobile	Twist ProSMS	-	TRUE	TRUE	60	30	-	-	6.90	-	6.90	-	6.90
Czech Repu	T-Mobile	Twist Tyden	-	TRUE	TRUE	60	30	-	-	3.50	-	3.50	-	5.90
Czech Repu	T-Mobile	Twist Maxi	-	TRUE	TRUE	60	30	-	-	3.90	-	3.90	-	3.90

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Denmark	TDC Mobil	Simply	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	MaxOne	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	MaxOne	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	MaxOne	+ TDC til TDC	FALSE	TRUE	0	60	-	0.35	-	-	-	0.35	-
Denmark	TDC Mobil	MaxFree	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	MaxSms+	-	FALSE	TRUE	0	60	-	0.29	-	0.29	-	0.29	-
Denmark	TDC Mobil	MaxSms+	+ TDC til TDC	FALSE	TRUE	0	60	-	0.29	-	-	-	0.29	-
Denmark	TDC Mobil	MaxTale	-	FALSE	TRUE	0	1	-	0.29	-	0.29	-	0.29	-
Denmark	TDC Mobil	MaxTale	+ Fri SMS	FALSE	TRUE	0	1	-	0.29	-	0.29	-	0.29	-
Denmark	TDC Mobil	Only99	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Only99	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Only99	+ TDC til TDC	FALSE	TRUE	0	60	-	0.35	-	-	-	0.35	-
Denmark	TDC Mobil	Only199	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Only199	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Only199	+ TDC til TDC	FALSE	TRUE	0	60	-	0.35	-	-	-	0.35	-
Denmark	TDC Mobil	MobilTid Butik	-	TRUE	TRUE	0	60	-	0.50	-	0.50	-	0.50	-
Denmark	TDC Mobil	Om Click Minut	-	TRUE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Om Click Minut	+ Fri SMS	TRUE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	TDC Mobil	Om Click Sekund	-	TRUE	TRUE	0	1	-	0.29	-	0.29	-	0.29	-
Denmark	TDC Mobil	Om Click Sekund	+ Fri SMS	TRUE	TRUE	0	1	-	0.29	-	0.29	-	0.29	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Denmark	Telenor	Tale XS	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale S	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale M	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale L	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale XL	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Denmark	Telenor	Tale & Fri SMS S	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS M	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS L	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS XL	-	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Fri Tale & SMS XXL	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Denmark	Telenor	Tale XS	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale S	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale M	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale L	+ Fri SMS	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale XL	+ Fri SMS	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Denmark	Telenor	Tale XS	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale S	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale M	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale L	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS S	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS M	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS L	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale & Fri SMS XL	+ Frit til Fast	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale XS	+ Fri SMS + Fri	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale S	+ Fri SMS + Fri	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale M	+ Fri SMS + Fri	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Tale L	+ Fri SMS + Fri	FALSE	TRUE	0	60	-	0.35	-	0.35	-	0.35	-
Denmark	Telenor	Selvhenter.dk	-	TRUE	TRUE	0	60	-	0.29	-	0.29	-	0.29	-
Denmark	Telenor	Selvhenter.dk	+ SMS Pakke	TRUE	TRUE	0	60	-	0.29	-	0.29	-	0.29	-
Denmark	Telenor	Selvhenter.dk	+ Tale+	TRUE	TRUE	0	60	-	0.29	-	0.29	-	0.29	-
Denmark	Telenor	Taletid 50	-	TRUE	TRUE	0	60	-	0.50	-	0.50	-	0.50	-
Denmark	Telenor	Taletid 99	-	TRUE	TRUE	0	60	-	0.50	-	0.50	-	0.50	-
Denmark	Telenor	Taletid 149	-	TRUE	TRUE	0	60	-	0.50	-	0.50	-	0.50	-
Denmark	Telenor	Taletid 299	-	TRUE	TRUE	0	60	-	0.50	-	0.50	-	0.50	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Estonia	EMT	EMT Noova 95	-	FALSE	TRUE	0	1	-	0.97	-	0.97	-	0.97	-
Estonia	EMT	EMT Noova 85	-	FALSE	TRUE	0	1	-	0.97	-	0.97	-	0.97	-
Estonia	EMT	EMT Noova 80	-	FALSE	TRUE	0	1	-	0.97	-	1.77	-	0.97	-
Estonia	EMT	EMT Noova 75	-	FALSE	TRUE	0	1	-	0.97	-	1.72	-	0.97	-
Estonia	EMT	EMT Noova 70	-	FALSE	TRUE	0	1	-	0.97	-	1.67	-	0.97	-
Estonia	EMT	EMT Premium	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	EMT	EMT Simpel	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Estonia	EMT	EMT POP!	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Estonia	Tele2	Hinnaliider 10	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Estonia	Tele2	Hinnaliider 45	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	Hinnaliider 59	-	FALSE	TRUE	0	60	-	1.01	-	1.01	-	1.01	-
Estonia	Tele2	Hinnaliider 65	-	FALSE	TRUE	0	1	-	0.86	-	1.72	-	0.86	-
Estonia	Tele2	Hinnaliider 70	-	FALSE	TRUE	0	1	-	0.76	-	1.47	-	0.76	-
Estonia	Tele2	Hinnaliider 80	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 35	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 50	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 350	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 500	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 1000	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	PRO 1500	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Estonia	Tele2	Smart kõnekaart Tava	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Estonia	Tele2	Smart kõnekaart Hinn	-	TRUE	TRUE	0	60	-	-	-	0.77	-	-	-
Estonia	Tele2	Ultra kõnekaart Tava	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Finland	Sonera	Min Sonera	-	FALSE	TRUE	60	60	-	0.05	0.08	0.05	0.08	0.05	0.08
Finland	Sonera	Min Sonera - Samtal 5	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 1	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 3	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 6	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 9	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 1	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 2	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 3	-	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.08	0.05	0.08	0.05	0.08
Finland	Sonera	Min Sonera - Samtal 5	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 1	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 3	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 6	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 9	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 1	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 2	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Min Sonera - Samtal 3	+ SMS 50	FALSE	TRUE	60	60	-	0.05	0.10	0.05	0.10	0.05	0.10
Finland	Sonera	Easy	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Finland	Sonera	TeleFinland - Perus	-	FALSE	TRUE	60	60	-	-	0.07	-	0.07	-	0.07
Finland	Sonera	TeleFinland - Puhepal	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Tekstari	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Koko pa	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Perus	+ SMS 100	FALSE	TRUE	60	60	-	-	0.07	-	0.07	-	0.07
Finland	Sonera	TeleFinland - Puhepal	+ SMS 100	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	+ SMS 100	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	+ SMS 100	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Puhepal	+ SMS 100	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Koko pa	+ SMS 100	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Finland	Sonera	TeleFinland - Easy	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Finland	Elisa	Elisa 70	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 250	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 400	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 700	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 1000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 1500	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 2000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 70	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 250	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 400	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 700	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 1000	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 1500	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Elisa 2000	+ Tekstari 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Oiva	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Edukas	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Ykkönen	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Eliitti +	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti TuplaPake	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Totaal 3G	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti ViestiX 3G	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Tekstari	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Prepaid	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Finland	Elisa	Saunalahti Prepaid Pl	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
France	Orange	Initial	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Initial Forfait 30	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Zap 11-18 15 euro/24	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Zap 11-18 18 euro/24	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Zap 11-18 22 euro/24	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Zap 11-18 29 euro/24	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait M6 19.99€/24 r	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait M6 24.99€/24 r	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait M6 29.99€/24 r	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Zen 1h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Zen 2h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Zen 3h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Zen 4h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Star 1h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Star 2h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Star 3h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Star 4h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami Star 6h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami First 3h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami First 4h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami First 6h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami First 8h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Forfait Origami First 10h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Ajustable pro 3h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Ajustable pro 4h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Ajustable pro 6h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Ajustable pro 8h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Ajustable pro 10h	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus Appe	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus SMS	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus Appe	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus Appe	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus SMS	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus SMS	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	Orange	Mobicarte Plan	+ Bonus SMS	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
France	SFR	Les Minis de SFR	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Les Minis de SFR 20	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Les Minis de SFR 40	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Les Minis de SFR 60	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel 1H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel 2H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel 3H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel 4H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques 17.90	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques 19.90	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques 23.90	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques 27.90	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques MTV 1	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques MTV 1	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques MTV 2	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques MTV 2	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Forfait Bloques MTV 2	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel Pro Ajustabl	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel Pro Ajustabl	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel Pro Ajustabl	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Essentiel Pro Ajustabl	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 3H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 4H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 5H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 6H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 10H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 15H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Illimythics Pro 25H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Sur Mesure 1H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Sur Mesure 2H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Sur Mesure 3H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Sur Mesure 4H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	Sur Mesure 5H	24 months	FALSE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	La Carte	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	La Carte Soir et Week	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
France	SFR	La Carte Soir et Week	+ Appel a 0.30	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Germany	T-Mobile	Relax 60	-	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 120	-	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 240	-	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 1200	-	FALSE	TRUE	60	1	-	-	0.09	-	0.09	-	0.09
Germany	T-Mobile	Relax 60	+ SMS 40	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 120	+ SMS 40	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 240	+ SMS 40	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Relax 1200	+ SMS 40	FALSE	TRUE	60	1	-	-	0.09	-	0.09	-	0.09
Germany	T-Mobile	MAX Flat XS	-	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	MAX Flat S	on-net	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	T-Mobile	MAX Flat S	Landline	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	T-Mobile	MAX Flat M	-	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	T-Mobile	MAX Flat L	-	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	T-Mobile	MAX Flat XS	+ SMS Flat	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	MAX Flat S	on-net + SMS	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	T-Mobile	MAX Flat S	Landline + SM	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	T-Mobile	MAX Flat M	+ SMS Flat	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	T-Mobile	MAX Flat L	+ SMS Flat	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	T-Mobile	Combi Flat XS	-	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Combi Flat S	on-net	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	T-Mobile	Combi Flat S	Landline	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	T-Mobile	Combi Flat M	-	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	T-Mobile	Combi Flat L	-	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	T-Mobile	Combi Flat XS	+ SMS Flat	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	T-Mobile	Xtra Card	-	TRUE	TRUE	60	1	-	-	0.19	-	0.05	-	0.19
Germany	T-Mobile	Xtra Nonstop	-	TRUE	TRUE	1	1	-	0.29	-	0.29	-	-	0.00
Germany	Vodafone	SuperFlat	-	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	Vodafone	SuperFlat Allnet	SIM only	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	Vodafone	SuperFlat Wochenend	SIM only	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	Vodafone	SuperFlat Festnetz	SIM only	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	Vodafone	SuperFlat Mobil	SIM only	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	Vodafone	SuperFlat	+ Messaging F	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	Vodafone	SuperFlat Allnet	+ Messaging F	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	Vodafone	SuperFlat Wochenend	+ Messaging F	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	Vodafone	SuperFlat Festnetz	+ Messaging F	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	Vodafone	SuperFlat Mobil	+ Messaging F	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	Vodafone	Business SuperFlat	-	FALSE	TRUE	60	1	-	-	-	-	-	-	0.29
Germany	Vodafone	Business SuperFlat A	SIM only	FALSE	TRUE	60	1	-	-	-	-	-	-	-
Germany	Vodafone	Business SuperFlat W	SIM only	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
Germany	Vodafone	Business SuperFlat F	SIM only	FALSE	TRUE	60	1	-	-	-	-	0.29	-	0.29
Germany	Vodafone	Business SuperFlat M	SIM only	FALSE	TRUE	60	1	-	-	0.29	-	-	-	0.29
Germany	Vodafone	CallYa OpenEnd	-	TRUE	TRUE	60	1	-	0.29	-	0.29	-	-	0.29
Germany	Vodafone	CallYa 5/15	-	TRUE	TRUE	60	60	-	-	0.15	-	0.05	-	0.15

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Greece	Cosmote	Zero Free	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Basic	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.14
Greece	Cosmote	Cosmote 60	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 120	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 150	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 180	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 210	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 270	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 300	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 360	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 480	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 600	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 720	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 1000	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote My Way 20	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 25	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 30	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 35	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 40	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 50	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 60	-	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 75	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote My Way 100	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote My Way 125	-	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Basic	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.14
Greece	Cosmote	Cosmote 60	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 120	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 150	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 180	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 210	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 270	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 300	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote 360	+ SMS 70	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 480	+ SMS 70	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 600	+ SMS 70	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 720	+ SMS 70	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote 1000	+ SMS 70	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote Multi Messa	+ Message Bo	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmote My Way 20	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 25	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 30	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 35	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 40	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 50	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 60	+ SMS 70	FALSE	TRUE	30	1	-	-	0.14	-	0.14	-	0.14
Greece	Cosmote	Cosmote My Way 75	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote My Way 100	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Cosmote My Way 125	+ SMS 70	FALSE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	Pro Individual 120	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 240	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 360	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 600	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 1000	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 120 S	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 240 S	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 360 S	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 600 S	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Pro Individual 1000 S	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Cosmote	Cosmokarta	-	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Cosmote	Cosmokarta	Pronomiaki	TRUE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Cosmote	What's Up	-	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Greece	Vodafone	Vodafone No Fee	-	FALSE	TRUE	45	1	-	-	0.23	-	0.23	-	0.23
Greece	Vodafone	Vodafone 100	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone 150	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone 200	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 250	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 300	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 350	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 400	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 500	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 700	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone 900	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone No Fee	+ SMS 50	FALSE	TRUE	45	1	-	-	0.23	-	0.23	-	0.23
Greece	Vodafone	Vodafone 100	+ SMS 50	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone 150	+ SMS 50	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone 200	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 250	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 300	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 350	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 400	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 500	+ SMS 50	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone 700	+ SMS 50	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone 900	+ SMS 50	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone Value 20	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Value 25	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Value 30	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Value 35	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Value 45	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Value 60	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Value 75	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone Value 100	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Greece	Vodafone	Vodafone Flexible 20	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Flexible 25	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Flexible 30	-	FALSE	TRUE	45	1	-	-	0.22	-	0.22	-	0.22
Greece	Vodafone	Vodafone Flexible 35	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Flexible 45	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Flexible 60	-	FALSE	TRUE	45	1	-	-	0.21	-	0.21	-	0.21
Greece	Vodafone	Vodafone Flexible 75	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone Flexible 100	-	FALSE	TRUE	45	1	-	-	0.20	-	0.20	-	0.20
Greece	Vodafone	Vodafone Unlimited 20	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 25	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 30	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 35	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 50	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 75	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 120	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Vodafone Unlimited 150	-	FALSE	TRUE	45	1	-	-	0.25	-	0.25	-	0.25
Greece	Vodafone	Business	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 90	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 180	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 300	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 420	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 540	-	FALSE	TRUE	30	1	-	-	0.12	-	0.12	-	0.12
Greece	Vodafone	Business Flexible 720	-	FALSE	TRUE	30	1	-	-	0.11	-	0.11	-	0.11
Greece	Vodafone	Business Flexible 960	-	FALSE	TRUE	30	1	-	-	0.11	-	0.11	-	0.11
Greece	Vodafone	Vodafone Prepaid	-	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Vodafone	Vodafone Prepaid	(min. 20 euro/t	TRUE	TRUE	30	1	-	-	0.13	-	0.13	-	0.13
Greece	Vodafone	Vodafone Prepaid	+ Super Voice	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Vodafone	Vodafone Prepaid	+ Super Voice	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Vodafone	Vodafone Prepaid	+ Super SMS	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Vodafone	CU	-	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Greece	Vodafone	CU	+ SMS 130	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Hungary	T-Mobile	Társalgó	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Szervusz	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Eco	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	MobilOtthon Premium	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Partner 1	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Partner 2	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Partner 3	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Partner 4	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Kameleon	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Kameleon	+ Off-peak disc	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Kameleon	+ On-net disco	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Kameleon	+ Ficed line dis	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Kameleon	+ SMS/MMS d	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Relax 100	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Relax 250	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Relax 500	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Relax 1000	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino SMS	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino Egyenlítő	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino Aktív	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino 7	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	T-Mobile	Domino Nap	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 60	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 120	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 180	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 360	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 600	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 1200	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 60	+ SMS 40	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 120	+ SMS 40	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 180	+ SMS 40	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 360	+ SMS 80	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 600	+ SMS 80	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon 1200	+ SMS 80	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Uzleti Alap	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Hungary	Pannon	Uzleti Pro 1	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Hungary	Pannon	djuice Complete Basic	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Hungary	Pannon	djuice Complete SMS	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Hungary	Pannon	Pannon Praktikum	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon Praktikum on	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon Praktikum off	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	Pannon Limit	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Hungary	Pannon	djuice Reload Basic	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Ireland	O2	Clear 50	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 175	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 350 - Free on-net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 350 - Free Land	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 350 - Free Any Net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 350 - Free Any Net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 600 - Free on-net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 600 - Free Land	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 600 - Free Any Net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear 600 - Free Any Net	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear Unlim O2	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear Unlim O2 & Fixed	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Clear Unlim O2 calls +	18 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	O2	Speak Easy - o2 Expe	-	TRUE	TRUE	0	1	-	0.05	-	0.05	-	0.05	-
Ireland	O2	Speak Easy - o2 Expe	-	TRUE	TRUE	0	1	-	0.05	-	-	-	0.05	-
Ireland	O2	Speak Easy - o2 Expe	-	TRUE	TRUE	0	1	-	0.05	-	0.05	-	0.05	-
Ireland	O2	Release	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business Unlimited	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business National	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business Flat	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business Time 175	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business Time 350	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	O2	Business Time 600	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 50	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 100	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 200	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 200	100 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 400	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 400	200 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 600	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 600	400 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 50	Landline add-on	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 100	Landline add-on	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 200	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 200	100 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 400	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 400	200 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 600	Unlimited on-net	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Perfect Choice 600	400 mins to land	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Simply	30 day SIM on	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Ireland	Vodafone	Lifestyle	-	TRUE	TRUE	0	1	0.09	-	-	-	-	-	-
Ireland	Vodafone	Advantage	-	TRUE	TRUE	0	1	0.09	-	-	-	-	-	-
Ireland	Vodafone	Advantage Plus	+ on-net calls &	TRUE	TRUE	0	1	-	0.05	-	0.05	-	0.05	-
Ireland	Vodafone	Advantage Plus	+ any-net texts	TRUE	TRUE	0	1	-	0.05	-	0.05	-	0.05	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Italy	TIM	Tutto Compreso 25	24 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	Tutto Compreso 50	24 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	Tutto Compreso 80	24 month	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	Tutto Compreso 25	24 month + 20	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	Tutto Compreso 50	24 month + 20	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	Tutto Compreso 80	24 month + 20	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Unica	-	FALSE	TRUE	0	1	-	0.15	-	0.15	-	0.15	-
Italy	TIM	TIM Unica 10	-	FALSE	TRUE	0	1	-	0.15	-	0.15	-	0.15	-
Italy	TIM	Easy TIM New	-	FALSE	TRUE	0	60	-	-	-	-	-	-	-
Italy	TIM	TIM Flex Mini	24 month	FALSE	FALSE	0	30	-	-	-	-	-	-	-
Italy	TIM	TIM Flex	24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Flex + TIM Flex S	24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Flex X 3	24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Flex X 3 + TIM FI	24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Solo 10	24 month	FALSE	FALSE	0	1	-	0.10	-	0.10	-	0.10	-
Italy	TIM	1 cent Premium	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	TIM	TIM Tribu Base	-	TRUE	TRUE	0	30	-	0.16	-	0.16	-	0.16	-
Italy	TIM	TIM Premia	-	TRUE	TRUE	0	60	-	0.16	-	0.16	-	0.16	-
Italy	TIM	TIM Premia Senza Sc	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Italy	TIM	TIM Base New	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Italy	Vodafone	Facile Xtra Small	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Facile Small	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Facile Medium	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Facile Large	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Facile Xtra Large	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Tempo Libero	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Stile Libero	-	FALSE	TRUE	0	30	-	0.16	-	0.16	-	0.16	-
Italy	Vodafone	6 Libero	-	FALSE	TRUE	0	30	-	0.16	-	0.16	-	0.16	-
Italy	Vodafone	Vodafone Small Busin	-	FALSE	FALSE	0	1	-	0.14	-	0.14	-	0.14	-
Italy	Vodafone	Vodafone Small Busin	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Parla 9	-	FALSE	FALSE	0	30	-	-	-	-	-	-	-
Italy	Vodafone	Parla Libero	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Vodafone Basic	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Italy	Vodafone	Vodafone Autoricarica	€10 Spend	TRUE	TRUE	0	60	-	0.16	-	0.16	-	0.16	-
Italy	Vodafone	Vodafone Autoricarica	€20 Spend	TRUE	TRUE	0	60	-	0.16	-	0.16	-	0.16	-
Italy	Vodafone	Easy Day Special	€10 Top-up	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Italy	Vodafone	Vodafone Zero Limits	-	FALSE	FALSE	0	30	0.10	0.19	-	0.19	-	0.19	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Latvia	LMT	Formula 8	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Formula 18	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Formula 28	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Call me	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Equal 2	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Equal 4	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Equal 7	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Equal 12	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Equal 20	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	National Call	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	National Call+	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Okarte O!Vienādaļs	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Okarte O!Mūsējais	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	LMT	Okarte O!Dati	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Start	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 1	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 3	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 6	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 10	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 14	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Brivais 18	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	Savējie	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	ZZ Pēcmaksa 5	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	ZZ Pēcmaksa 10	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	ZeltaZivtina Pamattarī	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	ZeltaZivtina Nulles tar	-	TRUE	TRUE	0	1	-	-	-	0.03	-	-	-
Latvia	Tele2 Latvia	ZeltaZivtina Mazais tar	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Latvia	Tele2 Latvia	ZeltaZivtina Brīvais tar	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Lithuania	Omnitel	Asmeninis 15	- 12 Month Co	FALSE	TRUE	60	60	-	-	0.29	-	0.29	-	0.29
Lithuania	Omnitel	Asmeninis 25	- 12 Month Co	FALSE	TRUE	60	60	-	-	0.25	-	0.18	-	0.25
Lithuania	Omnitel	Asmeninis 36	-	FALSE	TRUE	60	60	-	-	0.25	-	0.21	-	0.25
Lithuania	Omnitel	Asmeninis 49	- 12 Month Co	FALSE	TRUE	60	60	-	-	0.19	-	0.12	-	0.19
Lithuania	Omnitel	Asmeninis 59	-	FALSE	TRUE	60	60	-	-	0.25	-	0.17	-	0.25
Lithuania	Omnitel	Asmeninis 79	- 12 Month Co	FALSE	TRUE	60	60	-	-	0.19	-	0.07	-	0.19
Lithuania	Omnitel	Bendravidimas 1	-	FALSE	TRUE	60	60	-	0.15	0.25	0.15	0.25	0.15	0.25
Lithuania	Omnitel	Bendravidimas 2	-	FALSE	TRUE	60	60	-	0.15	0.25	0.15	0.19	0.15	0.25
Lithuania	Omnitel	Bendravidimas 3	-	FALSE	TRUE	60	60	-	0.15	0.25	0.15	0.17	0.15	0.25
Lithuania	Omnitel	Bendravidimas 4	-	FALSE	TRUE	60	60	-	0.15	0.25	0.15	0.12	0.15	0.25
Lithuania	Omnitel	Neribotas	-	FALSE	TRUE	60	60	-	-	0.21	-	-	-	0.21
Lithuania	Omnitel	Laisvalaikis	-	FALSE	TRUE	60	60	-	-	0.21	-	0.21	-	0.21
Lithuania	Omnitel	Tradicinis	-	FALSE	TRUE	60	60	-	-	0.40	-	0.40	-	0.40
Lithuania	Omnitel	Mozaika	-	FALSE	TRUE	60	60	-	-	0.37	-	0.28	-	0.37
Lithuania	Omnitel	Praktiškas	-	TRUE	TRUE	60	60	-	-	0.48	-	0.18	-	0.48
Lithuania	Omnitel	Extra 2	-	TRUE	TRUE	60	60	-	-	0.30	-	0.30	-	0.30
Lithuania	Tele2	Mini	-	FALSE	TRUE	60	60	-	-	0.17	-	0.17	-	0.17
Lithuania	Tele2	Laisvė 18	-	FALSE	TRUE	60	60	-	-	0.18	-	0.18	-	0.18
Lithuania	Tele2	Čempionas 29	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Lithuania	Tele2	420 minučių	-	FALSE	TRUE	60	60	-	-	0.22	-	0.22	-	0.22
Lithuania	Tele2	420 minučių	- Business	FALSE	FALSE	60	60	-	-	0.18	-	0.18	-	0.18
Lithuania	Tele2	600 minučių	- Business	FALSE	FALSE	60	60	-	-	0.15	-	0.15	-	0.15
Lithuania	Tele2	1200 minučių	- Business	FALSE	FALSE	60	60	-	-	0.15	-	0.15	-	0.15
Lithuania	Tele2	Verslas 20	-	FALSE	TRUE	60	60	-	-	0.15	-	0.15	-	0.15
Lithuania	Tele2	Verslas 40	-	FALSE	TRUE	60	60	-	-	0.15	-	0.15	-	0.15
Lithuania	Tele2	Pildyk Standard	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Lithuania	Tele2	Pildyk Nulis	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Lithuania	Tele2	Pildyk Skambutis	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Lithuania	Tele2	Pildyk Mygtukas	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-
Lithuania	Tele2	Pildyk SM	-	TRUE	TRUE	0	60	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Luxembourg	LuxGSM	Basic	-	FALSE	TRUE	60	60	-	-	0.12	-	0.10	-	0.12
Luxembourg	LuxGSM	Relax	-	FALSE	TRUE	60	15	-	-	0.10	-	-	-	0.10
Luxembourg	LuxGSM	Relax	+Landlines	FALSE	TRUE	60	15	-	-	-	-	-	-	0.10
Luxembourg	LuxGSM	Relax	+Landlines+Ta	FALSE	TRUE	60	15	-	-	-	-	-	-	-
Luxembourg	LuxGSM	Relax	+Landlines+Ta	FALSE	TRUE	60	15	-	-	-	-	-	-	-
Luxembourg	LuxGSM	Relax Youz	-	FALSE	TRUE	60	60	-	-	0.10	-	0.10	-	0.10
Luxembourg	LuxGSM	Relax Youz	+LuxGSM	FALSE	TRUE	60	60	-	-	0.10	-	-	-	0.10
Luxembourg	LuxGSM	Relax Youz	+LuxGSM+Tar	FALSE	TRUE	60	60	-	-	0.10	-	-	-	-
Luxembourg	LuxGSM	Relax Youz	+LuxGSM+Tar	FALSE	TRUE	60	60	-	-	-	-	-	-	-
Luxembourg	LuxGSM	TIP TOP	-	TRUE	TRUE	60	12	-	-	0.25	-	0.12	-	0.30
Luxembourg	LuxGSM	Relax Pro	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Luxembourg	LuxGSM	Relax Pro	+SMS	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Luxembourg	LuxGSM	Relax Pro	+SMS+Landlin	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Luxembourg	LuxGSM	Relax Pro	+SMS+Landlin	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Luxembourg	Tango	Knock-out	-	FALSE	TRUE	60	60	-	-	0.09	-	0.09	-	0.09
Luxembourg	Tango	Easy	-	FALSE	TRUE	60	15	-	-	0.09	-	-	-	0.09
Luxembourg	Tango	Easy	+SMS	FALSE	TRUE	60	15	-	-	0.09	-	-	-	0.09
Luxembourg	Tango	Easy	+SMS+Fixed	FALSE	TRUE	60	15	-	-	-	-	-	-	0.09
Luxembourg	Tango	Easy Total	-	FALSE	TRUE	60	15	-	-	-	-	-	-	-
Luxembourg	Tango	Pronto	-	TRUE	TRUE	60	15	-	-	0.24	-	0.07	-	0.29
Luxembourg	Tango	Prépayé Classic	-	TRUE	TRUE	60	15	-	-	0.20	-	0.15	-	0.20
Luxembourg	Tango	Graffiti	-	TRUE	TRUE	60	15	-	-	0.20	-	0.12	-	0.20
Luxembourg	Tango	Talk & Talk	-	TRUE	TRUE	60	15	-	-	0.16	-	-	-	0.16

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Malta	Go	Go Together	-	FALSE	TRUE	60	1	-	-	0.23	-	0.23	-	0.23
Malta	Go	Business 1000	-	FALSE	TRUE	30	30	-	0.10	0.05	0.10	0.05	0.10	0.05
Malta	Go	Pay Monthly €20	+ Any Net Mins	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Malta	Go	Pay Monthly €20	+ Go Mobile &	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Malta	Go	Pay Monthly €20	+ Go Mobile M	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Malta	Go	Pay Monthly €40	+ Any Net Mins	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Malta	Go	Pay Monthly €40	+ Go Mobile &	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Malta	Go	Pay Monthly €40	+ Go Mobile M	FALSE	TRUE	60	1	-	-	0.21	-	0.21	-	0.21
Malta	Go	Pay Monthly €60	+ Any Net Mins	FALSE	TRUE	60	1	-	-	0.19	-	0.19	-	0.19
Malta	Go	Pay Monthly €60	+ Go Mobile &	FALSE	TRUE	60	1	-	-	0.19	-	0.19	-	0.19
Malta	Go	Pay Monthly €60	+ Go Mobile M	FALSE	TRUE	60	1	-	-	0.19	-	0.19	-	0.19
Malta	Go	Pay Monthly €60	+ Any Net Mins	FALSE	TRUE	60	1	-	-	0.19	-	0.19	-	0.19
Malta	Go	Pay Monthly €60	+ Go Mobile &	FALSE	TRUE	60	1	-	-	0.19	-	0.19	-	0.19
Malta	Go	Base	-	TRUE	TRUE	60	30	-	-	0.16	-	0.16	-	0.16
Malta	Go	Base	+ 60 mins opt	TRUE	TRUE	60	30	-	-	0.16	-	0.16	-	0.16
Malta	Vodafone Malta	Lightweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Lightweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Lightweight	+ On-net & Fix	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Lightweight	+ On-net & Fix	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Middleweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Middleweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Middleweight	+ On-net & Fix	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Middleweight	+ On-net & Fix	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Heavyweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Heavyweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Heavyweight	+ Any Net Mins	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Heavyweight	+ On-net & Fix	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Freedom	-	FALSE	TRUE	30	30	-	0.20	-	0.20	-	-	0.10
Malta	Vodafone Malta	Infinity	-	FALSE	TRUE	0	1	-	0.10	-	0.10	-	0.10	-
Malta	Vodafone Malta	CUG1000	-	FALSE	TRUE	0	1	0.02	-	-	-	-	-	-
Malta	Vodafone Malta	Talk All Day	-	TRUE	TRUE	30	30	-	-	0.15	0.30	-	-	0.15
Malta	Vodafone Malta	Talk	-	TRUE	TRUE	30	30	-	-	0.26	-	0.26	-	0.26

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Netherlands	KPN	SIM-only €12.50	24 Month	FALSE	TRUE	60	60	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	SIM-only €17.50	24 Month	FALSE	TRUE	60	60	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	SIM-only €23.50	24 Month	FALSE	TRUE	60	60	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	SIM-only €34.50	24 Month	FALSE	TRUE	60	60	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel Tarief	-	FALSE	TRUE	60	1	-	0.07	0.15	0.07	0.15	0.07	0.15
Netherlands	KPN	Flexibel 100	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 135	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 190	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 265	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 325	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 425	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 625	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 875	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 1475	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Flexibel 1975	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	KPN	Business Flexibel	-	FALSE	FALSE	60	1	-	-	0.10	-	0.10	-	0.10
Netherlands	KPN	Business Flexibel SIM	-	FALSE	FALSE	60	1	-	-	0.10	-	0.10	-	0.10
Netherlands	KPN	Business Bundle 22.50	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Business Bundle 35.00	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Business Bundle 50.00	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Business Bundle 90.00	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Business Bundle 130.00	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Business Bundle 180.00	-	FALSE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Netherlands	KPN	Basistarief	-	TRUE	TRUE	60	1	-	-	0.35	-	0.35	-	0.35
Netherlands	KPN	Bonustarief	-	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	Vodafone	Basis 12.50	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 17.50	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 22.50	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 27.50	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 35.00	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 42.50	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 50.00	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 70.00	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 100.00	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Basis 150.00	-	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 12.50	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 17.50	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 22.50	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 27.50	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 35.00	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 42.50	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	SIM only 50.00	- 2 year	FALSE	TRUE	60	1	-	-	0.25	-	0.25	-	0.25
Netherlands	Vodafone	Vodafone Prepaid	-	TRUE	TRUE	60	1	-	-	0.35	-	0.35	-	0.35
Netherlands	Vodafone	Vodafone Meerwaard	-	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	Vodafone	Vodafone Meerwaard Bonus Minutes	Bonus Minutes	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Netherlands	Vodafone	Vodafone Meerwaard Bonus SMS w	Bonus SMS w	TRUE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Poland	Orange	poznaj nową taryfę 25	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 35	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 55	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 75	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 10	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 20	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 25	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 35	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 55	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 75	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 10	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	poznaj nową taryfę 20	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	Oferta dla Firm 60	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Poland	Orange	Oferta dla Firm 125	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Poland	Orange	Oferta dla Firm 250	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Poland	Orange	Oferta dla Firm 500	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Poland	Orange	Oferta dla Firm 1000	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Poland	Orange	Go	(Charge up be	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	Go	(Charge up ZI.	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	Go	(Charge up ZI.	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	Go	(Charge up ZI.	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Orange	POP	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 25	http://www.plus	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 40	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 55	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 75	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 90	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	taryfa syberyjska 120	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Minutowa 1400	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Minutowa 2000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Minutowa 3000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Minutowa 4000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Minutowa 6000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	nowy simplus	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Poland	Plus	Easy	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Portugal	TMN	Pack t M	-	FALSE	TRUE	60	30	-	-	0.31	-	-	-	0.31
Portugal	TMN	Pack t L	-	FALSE	TRUE	60	30	-	-	0.21	-	-	-	0.21
Portugal	TMN	Pack t XL	-	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	TMN	Rede t	-	FALSE	TRUE	60	30	-	-	0.40	0.13	0.04	-	0.40
Portugal	TMN	Rede t	+ Kit Fim-de-S	FALSE	TRUE	60	30	-	-	0.40	0.13	0.04	-	0.40
Portugal	TMN	Rede t	+ Kit Noite	FALSE	TRUE	60	30	-	-	0.40	0.13	0.04	-	0.40
Portugal	TMN	Rede t	+ Kit Total	FALSE	TRUE	60	30	-	-	0.40	-	-	-	0.40
Portugal	TMN	Rede t	+ Pakot 60 sn	FALSE	TRUE	60	30	-	-	0.40	0.13	0.04	-	0.40
Portugal	TMN	Flat S	-	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	TMN	Flat S	+ Kit Fim-de-S	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	TMN	Flat S	+ Kit Noite	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	TMN	Flat S	+ Kit Total	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	TMN	Flat S	+ Pakot 60 sn	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	TMN	Flat M	-	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	TMN	Flat M	+ Kit Fim-de-S	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	TMN	Flat M	+ Kit Noite	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	TMN	Flat M	+ Kit Total	FALSE	TRUE	60	30	-	-	0.13	-	-	-	0.13
Portugal	TMN	Flat M	+ Pakot 60 sn	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	TMN	Flat L	-	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	TMN	Flat L	+ Kit Fim-de-S	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	TMN	Flat L	+ Kit Noite	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	TMN	Flat L	+ Kit Total	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	TMN	Flat L	+ Pakot 60 sn	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	TMN	+ Perto	-	TRUE	TRUE	60	10	-	-	0.61	0.10	0.05	-	0.61
Portugal	TMN	+ Perto	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.61	0.10	0.05	-	0.61
Portugal	TMN	+ Perto	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.61	0.10	0.05	-	0.61
Portugal	TMN	+ Perto	+ Kit Total	TRUE	TRUE	60	10	-	-	0.61	-	-	-	0.61
Portugal	TMN	+ Perto	+ Pakot 60 sn	TRUE	TRUE	60	10	-	-	0.61	0.10	0.05	-	0.61
Portugal	TMN	+ Perto SMS com carr	-	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	TMN	+ Perto SMS com carr	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	TMN	+ Perto SMS com carr	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	TMN	+ Perto SMS com carr	+ Kit Total	TRUE	TRUE	60	10	-	-	0.33	-	-	-	0.33
Portugal	TMN	+ Perto SMS sem carr	-	TRUE	TRUE	60	10	-	-	0.33	-	0.33	-	0.33
Portugal	TMN	+ Perto SMS sem carr	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.33	-	0.33	-	0.33
Portugal	TMN	+ Perto SMS sem carr	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.33	-	0.33	-	0.33
Portugal	TMN	+ Perto SMS sem carr	+ Kit Total	TRUE	TRUE	60	10	-	-	0.33	-	-	-	0.33
Portugal	TMN	Mimo	-	TRUE	TRUE	60	10	-	-	0.41	0.10	0.16	-	0.41
Portugal	TMN	Mimo	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.41	0.10	0.16	-	0.41
Portugal	TMN	Mimo	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.41	0.10	0.16	-	0.41
Portugal	TMN	Mimo	+ Kit Total	TRUE	TRUE	60	10	-	-	0.41	-	-	-	0.41
Portugal	TMN	Mimo	+ Pakot 60 sn	TRUE	TRUE	60	10	-	-	0.41	0.10	0.16	-	0.41
Portugal	TMN	Plano	-	TRUE	TRUE	60	10	-	0.05	0.21	0.05	0.21	0.05	0.21
Portugal	TMN	Plano	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	0.05	0.21	0.05	0.21	0.05	0.21
Portugal	TMN	Plano	+ Kit Noite	TRUE	TRUE	60	10	-	0.05	0.21	0.05	0.21	0.05	0.21
Portugal	TMN	Plano	+ Kit Total	TRUE	TRUE	60	10	-	0.05	0.21	-	-	0.05	0.21
Portugal	TMN	Plano	+ Pakot 60 sn	TRUE	TRUE	60	10	-	0.05	0.21	0.05	0.21	0.05	0.21

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Portugal	TMN	Plano ao segundo	-	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	TMN	Plano ao segundo	+ Kit Fim-de-S	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	TMN	Plano ao segundo	+ Kit Noite	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	TMN	Plano ao segundo	+ Kit Total	TRUE	TRUE	10	1	-	-	0.04	-	-	-	0.04
Portugal	TMN	Plano ao segundo	+ Pakot 60 sm	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	TMN	Leve	-	TRUE	TRUE	60	10	-	0.05	0.31	0.05	0.31	0.05	0.31
Portugal	TMN	Leve	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	0.05	0.31	0.05	0.31	0.05	0.31
Portugal	TMN	Leve	+ Kit Noite	TRUE	TRUE	60	10	-	0.05	0.31	0.05	0.31	0.05	0.31
Portugal	TMN	Leve	+ Kit Total	TRUE	TRUE	60	10	-	0.05	0.31	-	-	0.05	0.31
Portugal	TMN	Leve	+ Pakot 60 sm	TRUE	TRUE	60	10	-	0.05	0.31	0.05	0.31	0.05	0.31
Portugal	TMN	Leve ao segundo	-	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Portugal	TMN	Leve ao segundo	+ Kit Fim-de-S	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Portugal	TMN	Leve ao segundo	+ Kit Noite	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Portugal	TMN	Leve ao segundo	+ Kit Total	TRUE	TRUE	30	1	-	-	0.18	-	-	-	0.18
Portugal	TMN	Leve ao segundo	+ Pakot 60 sm	TRUE	TRUE	30	1	-	-	0.18	-	0.18	-	0.18
Portugal	TMN	Passaporte	-	TRUE	TRUE	60	10	-	-	0.48	-	0.21	-	0.48
Portugal	TMN	Passaporte	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.48	-	0.21	-	0.48
Portugal	TMN	Passaporte	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.48	-	0.21	-	0.48
Portugal	TMN	Passaporte	+ Kit Total	TRUE	TRUE	60	10	-	-	0.48	-	-	-	0.48
Portugal	TMN	Passaporte	+ Pakot 60 sm	TRUE	TRUE	60	10	-	-	0.48	-	0.21	-	0.48
Portugal	TMN	Moche	-	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	TMN	Moche	+ Kit Fim-de-S	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	TMN	Moche	+ Kit Noite	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	TMN	Moche	+ Kit Total	TRUE	TRUE	60	10	-	-	0.20	-	-	-	0.20
Portugal	TMN	Moche	+ Pakot 60 sm	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	TMN	UZO	-	TRUE	TRUE	60	10	-	-	0.16	-	0.16	-	0.16
Portugal	TMN	UZO	Minimum usag	TRUE	TRUE	60	10	-	-	0.12	-	0.12	-	0.12

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Portugal	Vodafone	Plano Best Total Base	-	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Base	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Base	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Base	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Base	Aditivo SMS 15	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Base	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.15	-	0.15	-	0.15
Portugal	Vodafone	Plano Best Total Plus	-	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Plus	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Plus	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Plus	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Plus	Aditivo SMS 15	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Plus	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.13	-	0.13	-	0.13
Portugal	Vodafone	Plano Best Total Max	-	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best Total Max	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best Total Max	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best Total Max	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best Total Max	Aditivo SMS 15	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best Total Max	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.10	-	0.10	-	0.10
Portugal	Vodafone	Plano Best 91 Base	-	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Base	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Base	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Base	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Base	Aditivo SMS 15	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Base	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.41	0.10	-	-	0.41
Portugal	Vodafone	Plano Best 91 Plus	-	FALSE	TRUE	60	30	-	-	0.30	-	-	-	0.30
Portugal	Vodafone	Plano Best 91 Plus	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.30	-	-	-	0.30
Portugal	Vodafone	Plano Best 91 Plus	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.30	-	-	-	0.30
Portugal	Vodafone	Plano Best 91 Plus	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.30	-	-	-	0.30
Portugal	Vodafone	Plano Best 91 Plus	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.30	-	-	-	0.30
Portugal	Vodafone	Plano Best 91 Max	-	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	Vodafone	Plano Best 91 Max	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	Vodafone	Plano Best 91 Max	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	Vodafone	Plano Best 91 Max	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	Vodafone	Plano Best 91 Max	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.15	-	-	-	0.15
Portugal	Vodafone	Plano Best 91 TOP	-	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	Vodafone	Plano Best 91 TOP	Aditivo Fim-de	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	Vodafone	Plano Best 91 TOP	Aditivo SMS 30	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	Vodafone	Plano Best 91 TOP	Aditivo SMS 10	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	Vodafone	Plano Best 91 TOP	Aditivo Rede F	FALSE	TRUE	60	30	-	-	0.10	-	-	-	0.10
Portugal	Vodafone	Plano Best 15,15 ao s	-	FALSE	TRUE	10	1	-	-	0.03	-	0.03	-	0.03
Portugal	Vodafone	Plano Best 15,15 ao s	Aditivo Fim-de	FALSE	TRUE	10	1	-	-	0.03	-	0.03	-	0.03
Portugal	Vodafone	Plano Best 15,15 ao s	Aditivo SMS 30	FALSE	TRUE	10	1	-	-	0.03	-	0.03	-	0.03
Portugal	Vodafone	Plano Best 15,15 ao s	Aditivo SMS 10	FALSE	TRUE	10	1	-	-	0.03	-	0.03	-	0.03
Portugal	Vodafone	Plano Best 15,15 ao s	Aditivo Rede F	FALSE	TRUE	10	1	-	-	0.03	-	0.03	-	0.03

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Portugal	Vodafone	Vodafone Directo	Com Carregar	TRUE	TRUE	60	10	-	-	0.12	-	0.12	-	0.12
Portugal	Vodafone	Vodafone Directo	Sem Carregar	TRUE	TRUE	60	10	-	-	0.16	-	0.16	-	0.16
Portugal	Vodafone	YORN Power SMS	Com Carregar	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power SMS	Aditivo Fim-de	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power SMS	Aditivo Rede F	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power SMS	Sem Carregar	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power SMS	Aditivo Fim-de	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power SMS	Aditivo Rede F	TRUE	TRUE	60	1	-	-	0.33	-	0.33	-	0.33
Portugal	Vodafone	YORN Power Extrava	-	TRUE	TRUE	60	1	-	-	0.20	-	0.12	-	0.20
Portugal	Vodafone	YORN Power Extrava	Aditivo Fim-de	TRUE	TRUE	60	1	-	-	0.20	-	0.12	-	0.20
Portugal	Vodafone	YORN Power Extrava	Aditivo Rede F	TRUE	TRUE	60	1	-	-	0.20	-	0.12	-	0.20
Portugal	Vodafone	Vita 91 Extreme	-	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	Vodafone	Vita 91 Extreme	Aditivo Fim-de	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	Vodafone	Vita 91 Extreme	Aditivo Rede F	TRUE	TRUE	60	10	-	-	0.20	0.13	0.05	-	0.20
Portugal	Vodafone	Vita 91 SMS	-	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	Vodafone	Vita 91 SMS	Aditivo Fim-de	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	Vodafone	Vita 91 SMS	Aditivo Rede F	TRUE	TRUE	60	10	-	-	0.33	0.11	0.05	-	0.33
Portugal	Vodafone	Vita Total	-	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total	Aditivo Fim-de	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total	Aditivo SMS 30	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total	Aditivo SMS 10	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total	Aditivo SMS 15	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total	Aditivo Rede F	TRUE	TRUE	60	10	-	-	0.19	-	0.19	-	0.19
Portugal	Vodafone	Vita Total ao segundo	-	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Total ao segundo	Aditivo Fim-de	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Total ao segundo	Aditivo SMS 30	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Total ao segundo	Aditivo SMS 10	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Total ao segundo	Aditivo SMS 15	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Total ao segundo	Aditivo Rede F	TRUE	TRUE	10	1	-	-	0.04	-	0.04	-	0.04
Portugal	Vodafone	Vita Light Bonus	-	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Bonus	Aditivo Fim-de	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Bonus	Aditivo SMS 30	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Bonus	Aditivo SMS 10	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Bonus	Aditivo SMS 15	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Bonus	Aditivo Rede F	TRUE	TRUE	60	10	-	-	0.53	-	0.21	-	0.67
Portugal	Vodafone	Vita Light Total	-	TRUE	TRUE	60	10	-	-	0.30	-	0.30	-	0.30
Portugal	Vodafone	Vita Light Total	Aditivo Fim-de	TRUE	TRUE	60	10	-	-	0.30	-	0.30	-	0.30
Portugal	Vodafone	Vita Light Total	Aditivo SMS 30	TRUE	TRUE	60	10	-	-	0.30	-	0.30	-	0.30
Portugal	Vodafone	Vita Light Total	Aditivo SMS 10	TRUE	TRUE	60	10	-	-	0.30	-	0.30	-	0.30
Portugal	Vodafone	Vita Light Total	Aditivo SMS 15	TRUE	TRUE	60	10	-	-	0.30	-	0.30	-	0.30
Portugal	Vodafone	Vita Light Total ao seg	-	TRUE	TRUE	10	1	-	-	0.06	-	0.05	-	0.05
Portugal	Vodafone	Vita Light Total ao seg	Aditivo Fim-de	TRUE	TRUE	10	1	-	-	0.06	-	0.05	-	0.05
Portugal	Vodafone	Vita Light Total ao seg	Aditivo SMS 30	TRUE	TRUE	10	1	-	-	0.06	-	0.05	-	0.05
Portugal	Vodafone	Vita Light Total ao seg	Aditivo SMS 10	TRUE	TRUE	10	1	-	-	0.06	-	0.05	-	0.05
Portugal	Vodafone	Vita Light Total ao seg	Aditivo SMS 15	TRUE	TRUE	10	1	-	-	0.06	-	0.05	-	0.05

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Romania	Orange	3 Euro plan	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.19
Romania	Orange	Dolphin 4	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 6	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 8	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 10	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 12	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 20	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 40	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Dolphin 60	-	FALSE	TRUE	60	1	-	-	0.19	-	-	-	0.19
Romania	Orange	Butterfly 9	-	FALSE	TRUE	60	1	-	-	0.10	-	0.10	-	0.10
Romania	Orange	Panther 8	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Panther 12	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Panther 16	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Panther 20	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Panther 40	-	FALSE	TRUE	60	1	-	-	0.19	-	0.14	-	0.19
Romania	Orange	Panther 80	-	FALSE	TRUE	60	1	-	-	0.19	-	-	-	0.19
Romania	Orange	Prepay Start	-	TRUE	FALSE	60	1	-	-	0.20	-	0.14	-	0.20
Romania	Orange	Prepay My Time	-	TRUE	FALSE	60	1	-	-	0.21	-	0.21	-	0.21
Romania	Orange	Prepay My Orange	-	TRUE	FALSE	60	1	-	-	0.23	-	0.10	-	0.23
Romania	Orange	Prepay Music	-	TRUE	FALSE	60	1	-	-	0.15	-	0.15	-	0.15
Romania	Vodafone	Vodafone Favourite H	-	FALSE	TRUE	60	1	-	-	0.14	-	0.14	-	0.21
Romania	Vodafone	Vodafone Favourite H	-	FALSE	TRUE	60	1	-	-	0.14	-	0.14	-	0.21
Romania	Vodafone	Vodafone 50	-	FALSE	TRUE	60	1	-	-	0.17	-	0.17	-	0.23
Romania	Vodafone	Vodafone 75	-	FALSE	TRUE	60	1	-	-	0.16	-	0.16	-	0.21
Romania	Vodafone	Vodafone 100	-	FALSE	TRUE	60	1	-	-	0.14	-	0.14	-	0.20
Romania	Vodafone	Vodafone 150	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.19
Romania	Vodafone	Vodafone 200	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.19
Romania	Vodafone	Vodafone 400	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.19
Romania	Vodafone	Vodafone 700	-	FALSE	TRUE	60	1	-	-	0.12	-	0.12	-	0.18
Romania	Vodafone	Vodafone 1000	-	FALSE	TRUE	60	1	-	-	0.12	-	0.12	-	0.18
Romania	Vodafone	Vodafone Simplu	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.20
Romania	Vodafone	Cartela Vodafone	-	TRUE	FALSE	60	1	-	-	0.08	-	0.08	-	0.12
Romania	Vodafone	Cartela Vodafone Fav	-	TRUE	FALSE	60	1	-	-	0.20	-	0.20	-	0.20

Note: Orange tariffs are valid from 18 September 2009.

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-	-	-	-	-	VAT	Minimum	Billing unit	Minimum	Fixed	Fixed	Mobile	On-net	Mobile	Off-net
Country	Provider	Package	Option	Pre-paid?	included?	seconds	seconds	charge	network	minimum	On-Net	minimum	Off-net	minimum
								all calls	set up	Peak	set up	Peak	set up	Peak
Slovak Repu	Orange	Volania svojim Vlkend	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 50	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 100	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 200	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 400	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 50	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 50	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 50	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 50	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 50	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 100	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 200	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania 400	+ 70 Message	FALSE	TRUE	0	1	-	-	-	-	-	-	-

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-	-	-	-	-	VAT	Minimum	Billing unit	Minimum	Fixed	Fixed	Mobile	On-net	Mobile	Off-net
Country	Provider	Package	Option	Pre-paid?	included?	seconds	seconds	charge	network	minimum	On-Net	minimum	Off-net	minimum
								all calls	set up	Peak	set up	Peak	set up	Peak
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 50 +	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 50 +	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 50 +	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 50 +	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 100	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 200	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Vlkend	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Večer	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Deň	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Volania svojim Nonsto	+ Volania 400	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Kreditné Paušál €3	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Kreditné Paušál €10	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Paušál 1500 pre GSM	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Paušál SMS 500	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Paušál SMS 2000	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	Orange	Prima	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Podľa seba 1	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Podľa seba 3	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Podľa seba 5	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Podľa seba 7	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Vo veľkom 100	-	FALSE	TRUE	60	1	-	-	0.30	-	0.30	-	0.30
Slovak Repu	T-Mobile	Vo veľkom 200	-	FALSE	TRUE	60	1	-	-	0.23	-	0.23	-	0.23
Slovak Repu	T-Mobile	Relax 60	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Relax 100	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Relax 200	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	20+20Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	55Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	100Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	200Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	400Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	1000Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	250 SMS Viac	-	FALSE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Easy Team	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Easy Extra SMS	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-
Slovak Repu	T-Mobile	Easy Non-stop	-	TRUE	TRUE	0	1	-	-	-	-	-	-	-

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- Country	- Provider	- Package	- Option	- Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Slovenia	Mobitel	Basic	-	FALSE	TRUE	60	1	-	-	0.18	-	0.09	-	0.16
Slovenia	Mobitel	Uniform	-	FALSE	TRUE	60	1	-	-	0.13	-	0.13	-	0.13
Slovenia	Mobitel	Povezani 11	-	FALSE	TRUE	60	1	-	-	0.16	-	0.13	-	0.16
Slovenia	Mobitel	Povezani 22	-	FALSE	TRUE	60	1	-	-	0.16	-	0.13	-	0.16
Slovenia	Mobitel	Povezani 33	-	FALSE	TRUE	60	1	-	-	0.16	-	0.10	-	0.16
Slovenia	Mobitel	Povezani 44	-	FALSE	TRUE	60	1	-	-	0.16	-	0.10	-	0.16
Slovenia	Mobitel	Povezani 55	-	FALSE	TRUE	60	1	-	-	0.14	-	-	-	0.14
Slovenia	Mobitel	Povezani 77	-	FALSE	TRUE	60	1	-	-	-	-	-	-	0.14
Slovenia	Mobitel	Mobi	-	TRUE	TRUE	60	1	-	-	0.18	-	0.18	-	0.18
Slovenia	Si.mobil Vodafone	Orto U Nulo	-	FALSE	TRUE	60	1	-	-	0.10	-	0.05	-	0.10
Slovenia	Si.mobil Vodafone	Smart	-	FALSE	TRUE	60	1	-	-	0.10	-	0.05	-	0.10
Slovenia	Si.mobil Vodafone	enaZAME	-	FALSE	TRUE	60	1	-	-	0.10	-	0.05	-	0.10
Slovenia	Si.mobil Vodafone	triZAME	-	FALSE	TRUE	60	1	-	-	0.10	-	0.05	-	0.10
Slovenia	Si.mobil Vodafone	petZAME	-	FALSE	TRUE	60	1	-	-	0.10	-	0.05	-	0.10
Slovenia	Si.mobil Vodafone	Paket Podjetni 24	-	FALSE	TRUE	60	1	-	-	0.10	-	0.15	-	0.15
Slovenia	Si.mobil Vodafone	Paket Podjetni 30	-	FALSE	TRUE	60	1	-	-	0.15	-	0.15	-	0.15
Slovenia	Si.mobil Vodafone	Halo Smart Prepaid	-	TRUE	TRUE	0	30	-	-	-	-	-	-	-
Slovenia	Si.mobil Vodafone	Halo SMS Prepaid	-	TRUE	TRUE	0	30	-	-	-	-	-	-	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Spain	Movistar	Contrato Movistar	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Mi Gente	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tiempo Libre	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Movistar	+ Club sms	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Mi Gente	+ Club sms	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tiempo Libre	+ Club sms	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Unico 39	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Unico	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Simple	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Movistar	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Tiempo Libre	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Global	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Global L	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Global XL	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos Global XXL	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazos €69	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Planazo €19 Sin Hora	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas T	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas T	Modulo Numer	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas T	Modulo Numer	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas 30	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas 60	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Contrato Empresas 90	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Mas	-	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Movistar	-	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Mi Gente	-	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Tiempo Libre	-	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Unico 24 horas	-	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Mas	+ Club sms	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Movistar	+ Club sms	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Mi Gente	+ Club sms	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Tiempo Libre	+ Club sms	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Movistar	Tarjeta Unico 24 horas	+ Club sms	TRUE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Spain	Vodafone	Plan 25 Mas Empresa	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Plan 40 Mas Empresa	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Plan 60 Mas Empresa	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Plan 80 Mas Empresa	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Plana 24h	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Plana a Todos	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Super Tarifa Plana	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Mini 24h	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Mini a Todos	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Super Tarifa Plana Mi	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Contrato 90 x 1 a Tod	-	FALSE	FALSE	0	1	-	0.35	-	0.35	-	0.35	-
Spain	Vodafone	Contrato 90 x 1 24h	-	FALSE	FALSE	0	1	-	0.35	-	0.35	-	0.15	-
Spain	Vodafone	Contrato Super 90 x 1	-	FALSE	FALSE	0	1	-	0.35	-	0.35	-	0.35	-
Spain	Vodafone	Planes Relax 25	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 50	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 100	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 159	-	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 25	+ Bono 50 SM	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 50	+ Bono 50 SM	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 100	+ Bono 50 SM	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Planes Relax 159	+ Bono 50 SM	FALSE	FALSE	0	1	-	0.15	-	0.15	-	0.15	-
Spain	Vodafone	Contrato Clasico	-	FALSE	FALSE	0	1	-	0.12	-	0.12	-	0.12	-
Spain	Vodafone	Contrato Tarde	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Spain	Vodafone	Contrato Manana	-	FALSE	FALSE	0	1	-	-	-	-	-	-	-
Spain	Vodafone	Tarjeta 90 x 1 a Todos	-	TRUE	FALSE	0	1	-	0.53	-	0.53	-	0.53	-
Spain	Vodafone	Tarjeta 90 x 1 24h	-	TRUE	FALSE	0	1	-	0.53	-	0.53	-	0.15	-
Spain	Vodafone	Tarjeta Super 90 x 1	-	TRUE	FALSE	0	1	-	0.53	-	0.53	-	0.53	-
Spain	Vodafone	Tarjeta Clasica	-	TRUE	FALSE	0	1	-	0.12	-	0.12	-	0.12	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
Sweden	Telia	Telia Mobil Fastpris P	-	FALSE	TRUE	0	10	-	0.69	-	0.69	-	0.69	-
Sweden	Telia	Telia Mobil till vänner	-	FALSE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Telia	Telia Mobil Prata på	- 24 months	FALSE	TRUE	0	60	-	0.79	-	0.79	-	0.79	-
Sweden	Telia	Telia Jobbmobil Rörlig	- 12 months	FALSE	FALSE	0	10	-	0.65	-	0.65	-	0.65	-
Sweden	Telia	Telia Jobbmobil Fastp	- 12 months	FALSE	FALSE	0	10	-	-	-	-	-	-	-
Sweden	Telia	Refill kväll och helg	-	TRUE	TRUE	0	1	-	0.59	-	0.59	-	0.59	-
Sweden	Telia	Refill Flexibel 100	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Telia	Refill Flexibel 150	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kompis	-	FALSE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Snackis	- 24 months	FALSE	TRUE	0	60	-	0.79	-	0.79	-	0.79	-
Sweden	Tele 2 Comviq	Fastpris	-	FALSE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kontant Standard	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kontant Kompis	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kontant Knock-out	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kontant Amigos	-	TRUE	TRUE	0	60	-	0.69	-	0.69	-	0.69	-
Sweden	Tele 2 Comviq	Kontant Champion	-	TRUE	TRUE	0	60	-	0.99	-	0.99	-	0.99	-

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Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
UK	O2	Pay Monthly 75	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 200	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 400	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 600 + Unl	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 1200 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 3000 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 600 + Unl	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 1200 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 3000 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 600 + Unl	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 1200 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 3000 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 600 + Unl	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 1200 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 3000 + U	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 600 + 200	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 1200 + 200	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay Monthly 3000 + 200	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online £15 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online £15 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 75 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 200 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 400 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 600 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 1200 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 3000 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 600 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 1200 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 3000 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 600 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 1200 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 3000 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 600 + Unlimited	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 1200 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 3000 + Unlimite	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 600 + 200 ATA	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 1200 + 200 AT	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Online 3000 + 200 AT	18 month plan	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-

Telecoms Price Developments 1998 - 2009

Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
UK	O2	Simplicity 150	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 300	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 600 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1200 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 600 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1200 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 600 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1200 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 600 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1200 + Unlim	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 600 + 200 A	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1200 + 200	- 30 day SIM o	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 800 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1600 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 800 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1600 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 800 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1600 + Unlim	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 800 + 200 A	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Simplicity 1600 + 200	- 12 month SIN	FALSE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Small Business, Regu	- 24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
UK	O2	Small Business, Frequ	- 24 month	FALSE	FALSE	0	1	-	-	-	-	-	-	-
UK	O2	Pay & Go Talkalot	-	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalot	+ Calls 50 Bolt	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalot	+ Messaging 5	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalot	+ Calls&Messa	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalotmor	£15 top up	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalotmor	+ Calls 50 Bolt	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalotmor	+ Messaging 5	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Talkalotmor	+ Calls&Messa	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go O2 Unlimite	£15 top up	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Text Anytim	£10 top up	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Text & Call	£10 top up	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-
UK	O2	Pay & Go Text & Call	£15 top up	TRUE	TRUE	0	1	0.05	-	-	-	-	-	-

Telecoms Price Developments 1998 - 2009

Country	Provider	Package	Option	Pre-paid?	VAT included?	Minimum seconds	Billing unit seconds	Minimum charge all calls	Fixed network set up	Fixed minimum Peak	Mobile On-Net set up	On-net minimum Peak	Mobile Off-net set up	Off-net minimum Peak
UK	T-Mobile	Flex 40	18 month plan	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
UK	T-Mobile	Flex 50	18 month plan	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
UK	T-Mobile	Flex 60	18 month plan	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
UK	T-Mobile	Flex 75	18 month plan	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
UK	T-Mobile	Flex 100	18 month plan	FALSE	TRUE	60	1	-	-	0.20	-	0.20	-	0.20
UK	T-Mobile	Combi 15	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Combi 20	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Combi 25	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Combi 30	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Combi 35	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Combi 40	18 month plan	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 10	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 15	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 20	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 25	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 30	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 35	- 30 day SIM o	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 15	- 12 Months Si	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 20	- 12 Months Si	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 25	- 12 Months Si	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Solo 30	- 12 Months Si	FALSE	TRUE	60	1	-	-	0.29	-	0.29	-	0.29
UK	T-Mobile	Pay As You Go Mates	-	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	£15 top up	TRUE	TRUE	60	1	-	-	0.24	-	-	-	0.24
UK	T-Mobile	Pay As You Go Mates	£15 top up	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	£20 top up	TRUE	TRUE	60	1	-	-	0.24	-	-	-	0.24
UK	T-Mobile	Pay As You Go Mates	£20 top up	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	-	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	-	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	-	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24
UK	T-Mobile	Pay As You Go Mates	-	TRUE	TRUE	60	1	-	-	0.24	-	0.08	-	0.24

8. National leased lines

National leased line data is provided from 1998 onwards. 3 distances are covered: 2 km (local circuits), 50 km and 200 km. Tariffs are taken from the ex-incumbent operator in each country. Other operators may offer other prices.

In order to properly reflect the tariff structures used in some countries the circuits may be considered in one of two different ways, depending on tariff structure. The one to apply will differ from carrier to carrier. The principles used in this report for calculating the price of a full circuit are:

	1: When tariff specifies local tail prices separately, in addition to main circuit.		2: When tariff specifies a single price for the circuit, end to end, including local tails.	
	Local tail length	Main circuit length	Local tail length	Main circuit length
2 km circuit	1 km	0	0	2 km
50 km circuit	2 km	46 km	0	50 km
200 km circuit	2 km	196 km	0	200 km

Note: The local tail length is per tail, i.e. there will be 2 such tails with each circuit.

Where several tariff options exist depending on type of location, the criteria for choice is as follows:

- ◆ 2 km circuits are always within a major city (usually the Capital)
- ◆ 50 and 200 km circuits are between a major city and a “minor” city

As the definitions vary between countries, the type of tariff option chosen will also vary. More specific information is covered under each country section. The countries where the price may vary with location or other non-distance related definitions, are: Belgium, France, Austria, Finland, Sweden and the UK.

Some operators apply termination charges per local end, without necessarily covering the local tail circuit within that charge. Different types of terminating equipment or interfaces may also impact on the prices. Only the most basic type is covered in this overview.

Two types of circuits are covered: 2 Mb/s and 34 Mb/s. As not all carriers publish tariffs for both bitrates and all years, there may be some gaps in the information, especially for the higher bitrate.

Some carriers offer 2 Mb/s circuits as both structured and unstructured. In this analysis only unstructured circuits are included.

Also, some carriers offer different types of leased lines, often in the form of “basic circuits” and circuits in a managed network. Or as specialised circuits for example for Ethernet service. Only “basic circuits” are included in this analysis, as the managed network services or specialised circuits are not necessarily comparable between carriers.

Lately a few carriers have decided not to publish their prices for some or all types of leased lines. This makes it increasingly difficult to present a full overview of the prices in all 27 EU countries.

For the USA the prices of Verizon intra-LATA circuits for New York state have been used. The bitrates of leased lines offered in some countries may be different from the ones found in most EU member States. Some operators may offer 1.5 Mb/s instead of 2 Mb/s and 45 or 50 Mb/s instead of 34 Mb/s. *Prices shown in the tables and graphs in this section of the report have been adjusted according to the difference in capacity*

Installation charges are not included in the current analysis. Please note that the level of the installation charges can be high in relation to the rental charge, and can alter the overall cost significantly, especially for short duration contracts.

Issues relating to individual data points are commented under each section. Specific comments to tariff structure refer to the 2008 data. Structures for earlier years may be different, but care has been taken to make sure prices are based on comparable circuit definitions.

All prices are presented in EURO per month, excluding VAT.

8.1. Price structure details for national leased lines

8.1.1. Belgium

Belgacom has divided their network into 4 levels based on “economic concentration”. The tariffs shown are for circuits within or between level 1 areas with “Very high economic concentration”.

Local circuits within an exchange area are priced as a regular circuit of the given distance.

Belgium	Tariff definition used in this analysis (for 2009 data)
2 km circuit	within same level 1 area.
50 km circuit	between 2 different level 1 areas.
200 km circuit	between 2 different level 1 areas.

8.1.2. Bulgaria

BTC divide the leased line tariff into Local and Long Distance circuits, where the Long Distance part is again divided into 6 distance dependant ranges: Up to 30 km, 30 – 50 km, 50 – 100 km, 100 – 150 km, 150 – 200 km, and over 200 km.

Bulgaria	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local circuit
50 km circuit	30 to 50 km
200 km circuit	150 to 200 km

8.1.3. Czech Republic

Telefonica O2 defines prices for all bitrates based on the price of a 64 kb/s circuit. Coefficients are given for each bitrate available (up to 2 Mb/s), and the price is the product of the 64 kb/s price and the coefficient.

Local circuits are defined as a 0 km circuit. 10 distance zones are defined for circuits with more than 0 km between serving exchanges. There are no incremental charges (i.e. no charge per km).

Czech Rep.	Tariff definition used in this analysis (for 2009 data)
2 km circuit	0 km
50 km circuit	40 to 60 km
200 km circuit	170 to 210 km

8.1.4. Denmark

TDC divides the leased lines into two categories:

- Local circuits, based on distance bands and whether the two ends are connected to the same exchange or neighbouring exchanges.
- Long distance circuits connected to different exchanges, divided into 4 distance bands

There are no incremental charges (e.g. no charge per km).

Denmark	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local circuit at same exchange, >1000m.
50 km circuit	30-75 km
200 km circuit	Over 75 km

8.1.5. Germany

Deutsche Telekom offers different types of circuits. In this analysis the “Standard Festverbindungen” are used.

Tariffs are divided into:

- Local 1 (same exchange)
- Local 2, up to or above 15 km
- Long Distance, < 15km, 15 – 50 km, > 50 km.

Local 2 and Long distance use incremental (per km) charges.

At 34Mb/s access circuit charges apply, with a distance (per km) element.

Germany	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local 1 circuit
50 km circuit	Long distance circuit, 15 – 50 km
200 km circuit	Long distance circuit, > 50 km

8.1.6. Estonia

Elion divides the leased lines into distance bands of 0 – 6 km, 6 – 10 km, 10 – 20 km, >20 km)

Trunk circuits above 20 km use incremental (per km) charges.

Local circuits are priced as a regular circuit of the given length.

Estonia	Tariff definition used in this analysis (for 2009 data)
2 km circuit	< 6 km
50 km circuit	> 20 km
200 km circuit	> 20 km

8.1.7. Greece

OTE divides the leased lines into:

- Local circuits
- Trunk circuits (< 35 km, 35 – 70 km, 70 – 150 km, > 150 km)

Trunk circuits use incremental (per km) charges.

Greece	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local circuit
50 km circuit	2xLocal circuit + Trunk circuit 35 – 70 km
200 km circuit	2xLocal circuit + Trunk circuit > 150 km

8.1.8. Spain

Telefonica strictly divides leased lines according to distance:

- Distance bands: 0 – 4 km, 4 – 20 km, 20 – 70 km, 70 – 300 km, 300 – 500 km, > 500 km.

All bands use incremental (per km) charges.

Local circuits within an exchange area are priced as a regular circuit of the given distance.

Spain	Tariff definition used in this analysis (for 2009 data)
2 km circuit	0 – 4 km band
50 km circuit	20 – 70 km band
200 km circuit	70 – 300 km band

8.1.9. France

According to their pricelist France Telecom still offers leased lines in the products Transfix and Transfix 2.0. However, SDSL substitution is very advanced and leased lines closure is planned for 2010. Transfix prices are suggested not to be representative of the circuits used in the French market, and have been omitted. The main service is now the Ethernet circuits.

Transfix is the basic transparent service.

The tariff is divided into distance bands: 0 – 10 km, 10 – 50 km, 50 – 300 km, > 300 km. 34 and 155 Mb/s divide at 30 km and 100 km instead of 50 km.

Prices for 2,048, 1,920 and 1,984 have different prices.

Prices for 34 Mb/s circuits relate to circuits with one end in a major city (zone A), as defined by France Telecom.

Local circuits within an exchange area are priced as a circuit of the given distance. Additional definitions apply for higher speed circuits.

France	Tariff definition used in this analysis (for 2009 data)
2 km circuit	
50 km circuit	
200 km circuit	

SDSL services which are provided with a distinctive quality of service provide now the reference in France for dedicated bandwidth and quality of service guarantees. France Telecom also offers SDSL bitstream services to the operators, with the same guarantees of quality of service.

8.1.10. Ireland

Eircom defines the tariff for leased lines with a local end charge, and main link charges for circuits 0 – 30 km and > 30 km.

Local circuits may be made up by 2 local ends, and no main link. Circuits equal to or above 1 Mb/s have a distance incremental charge for local ends over 1.5 km.

Ireland	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 local ends, no main link
50 km circuit	2 local ends, 46 km main link
200 km circuit	2 local ends, 196 km main link

8.1.11. Italy

All circuits have an access charge per end, and a main link distance related charge per km. Distance bands are 0 – 60 km, 60 – 300 km, and > 300 km..

Circuits from 2 Mb/s and above are available with various levels of reduced charges depending on contract period and overall spend. The most basic level is used in this analysis.

Local circuits within an exchange area are priced as two access circuits only.

Italy	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local circuit, 2 ends
50 km circuit	0 – 60 km band, 2 ends, 46 km main link
200 km circuit	60 – 300 km band, 2 ends, 196 km main link

8.1.12. Cyprus

CYTA divides the leased lines into:

- Subscriber segment, for access.
- Network segment, between exchanges, at distance bands of 0 – 20 km, 20 – 80 km, > 80 km.

Local circuits within an exchange area are priced as two subscriber segments.

Cyprus	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 subscriber segments + 0 – 20 km
50 km circuit	2 subscriber segments + 20 – 80 km
200 km circuit	2 subscriber segments + > 80 km

8.1.13. Latvia

Lattelekom circuits distinguish between local and long distance circuits.

Latvia	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local
50 km circuit	Long distance
200 km circuit	Long distance

8.1.14. Lithuania

TEO LT distinguish between circuits inside the local exchange area, and those beyond the local exchange area.

Lithuania	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Same local area
50 km circuit	Beyond local area
200 km circuit	Beyond local area

8.1.15. Luxembourg

P&T Luxembourg divide the leased lines tariff into 4 types of circuits: Same local network, Contiguous local network of same nodal sector, Same nodal sector or Contiguous local networks of different nodal sectors, and Non-contiguous local networks of different nodal sectors. This definition relates to the network hierarchy, and not to distance. Distances at 200 km are not possible.

Local circuits within an exchange area are priced as a circuit in the same local network.

Luxembourg	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Same local network
50 km circuit	Non-contiguous local networks of different nodal sectors
200 km circuit	Not applicable

8.1.16. Hungary

Matav applies an access circuit charge for each end of the circuit, and a fixed basic charge and a per km charge for the trunk part.

However, Matav do not publish prices for national circuits, so prices have not been updated in later years.

Hungary	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 x access
50 km circuit	2 x access + basic charge + 46 x per km charge
200 km circuit	2 x access + basic charge + 196 x per km charge

8.1.17. Malta

Maltacom has a flat charge regardless of distance, only dependent of bitrate.

Malta	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Circuit charge
50 km circuit	Circuit charge
200 km circuit	Not applicable

8.1.18. Netherlands

KPN Telecom offer leased lines under the DigiStream service. Tariffs are divided into a charge per connecting point and a main link charge. The main link charge is divided into two zones: Up to 50 km with a fixed basic charge and an incremental per km charge, and over 50 km with a fixed basic charge. Prices are in effect capped above 50 km. Local circuits within an exchange area are priced as two access connections plus a short main link of the given distance. OPTA (Dutch regulator) has found that the market for 2 Mb/s circuits is competitive, meaning that prices indicated by KPN are maximum prices, and will normally be used as a basis for negotiating a (lower) price.

Netherlands	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 connecting points + 2 km main link (0 – 50 km band)
50 km circuit	2 connecting points + 50 km main link (> 50 km band)
200 km circuit	2 connecting points + 200 km main link (>50 km band)

8.1.19. Austria

Telecom Austria divides the “Digitaler Stromweg” circuits into 2 categories: City-tarif when both ends of the circuit are in category A cities (a defined list of 68 towns and cities), and Normal-tarif when the above does not apply. This analysis used the City-Tarif. The Normal-tarif would in most cases come out more expensive. For the years up to 2000 a different tariff scheme applied, with a different list of towns, and 3 instead of 2 categories.

The tariff is based on a charge per local end, and a distance related charge per km. The distance bands vary with bitrate. Local circuits within an exchange area are priced as two access circuits only.

Austria	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 local ends
50 km circuit	2 local ends, plus 46 km main link
200 km circuit	2 local ends, plus 196 km main link

8.1.20. Poland

Polish Telecom have no recurring charges related to the access. A basic charge plus a per km charge is applied for the full length of the circuit. Distance bands are divided into 0 – 5 km, 5 – 20 km, over 20 km.

Poland	Tariff definition used in this analysis (for 2009 data)
2 km circuit	0 – 5 km
50 km circuit	>20 km
200 km circuit	>20 km

8.1.21. Portugal

Portugal Telecom divides the leased line tariff into local access circuit charge, and a main link with a fixed and an incremental charge per km.

Distance bands are 0 – 10 km, 10 – 30 km, 30 – 50 km, 50 – 100 km, over 100 km. Local circuits connected to the same exchange will not incur main link charges.

Local circuits within an exchange area are priced as two access circuits only.

Portugal	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 access circuits
50 km circuit	2 access circuits, and main link (30 – 60 km band)
200 km circuit	2 access circuits, and main link (>100 km band)

8.1.22. Romania

RomTelecom divides the leased line tariff strictly by distance, in the following bands: 0 – 50 km, 50 – 100 km, 100 – 150 km, and over 150 km.

Incremental charges per km are used in all bands. A charge per end of the circuit is also applied.

Prices are also subject to negotiated discounts.

Romania	Tariff definition used in this analysis (for 2009 data)
2 km circuit	0 – 50 km
50 km circuit	0 – 50 km
200 km circuit	Over 150 km

8.1.23. Slovak Republic

Slovak Telecom defines the leased line tariff in three bands: Local, Remote 0 – 50 km, and Remote over 50 km.

Slovak Rep.	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Local
50 km circuit	Remote 0 – 50 km
200 km circuit	Remote over 50 km

8.1.24. Slovenia

Telekom Slovenije divides the leased line tariffs into 3 distance bands: 0 – 5 km, 5 – 50 km and over 50 km. Each of these bands have a basic price and an incremental price per 0.1 km for the 0-5 km band, and per 1 km for the other bands. Distance is calculated between customer sites,

Slovenia	Tariff definition used in this analysis (for 2009 data)
2 km circuit	0 – 5 km with 19 increments of 0.1 km
50 km circuit	5 – 50 km with 45 increments of 1 km
200 km circuit	>50 km with 150 increments of 1 km

8.1.25. Finland

Sonera stopped publishing full 64 kb/s circuit prices already in 1998, and have also stopped publishing 2 Mb/s circuit prices.

Local circuit charges were divided into 3 categories: Urban area, Rural areas I and II. Definitions of these areas relate to individual locations in the Sonera coverage area.

Long distance (main link) charges were also divided into 3 categories: Green, Red and Blue. Green covers the main 5 cities, red a further 28 towns, and Blue the rest of the countries. Distance bands are 0 – 50 km, 50 – 100 km, and > 100 km. Incremental charges per km applied.

Finland	Tariff definition used in this analysis (for 2000 data)
2 km circuit	Rural area II charge (highest)
50 km circuit	2 Access circuits + Main link at Green 0- 50 km band (highest)
200 km circuit	2 Access circuits + Main link at Green > 100 km band (highest)

8.1.26. Sweden

Telia divided their network into 5 categories: Metropolitan green and green for the major cities and towns, red and blue for short distance network in smaller places, and white for rural areas. Circuits were priced according to the portion of the circuit falling into any of these categories on its route. Here the green tariff is assumed, for a circuit between reasonably large towns. The tariff was divided into local circuits and long distance. Long distance circuits had a separate access link charge per end, and a main link charge. Local circuits were priced in 2 distance bands: 0 – 0.5 km and 0.5 – 3 km. Long distance circuits were priced in the bands 0 – 20 km, 20 – 40 km, and > 40 km. The latter had an incremental per km charge.

Sweden	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Short local circuit, 0.5 – 3 km
50 km circuit	2 access circuits + main link at >40 km band
200 km circuit	2 access circuits + main link at >40 km band

8.1.27. United Kingdom

BT divides their Kilostream (64 kb/s) and Megastream (2, 34 and 155 Mb/s) tariffs into circuits wholly within City London Zone (0207-area), and circuits with one or both ends outside London.

For local circuits within CLZ the main link does not apply since both ends are connected to the same exchange (according to the definition used). The price is calculated as the sum of two local access circuits.

Distance bands outside London are < 15 km and > 15 km. Incremental charges per km applies.

UK	Tariff definition used in this analysis (for 2009 data)
2 km circuit	Central London Zone
50 km circuit	Out of London zone, > 15 km
200 km circuit	Out of London zone, > 15 km

8.1.28. USA

Verizon, New York and AT&T, California

Verizon provides leased line services within New York State, AT&T similarly in California. In the USA the operators typically provide two types of tariffs: State level tariffs and inter-state tariffs (FCC tariffs). The latter will normally have a lower price, and can be used also within a state providing at least 10% of the traffic over the circuit is inter-state. More than 90% of all circuits are sold under this kind of tariff. In previous years this analysis has been tracking the intra-state tariffs, but following an agreement at the OECD basket workshop in June 2009 the tracing will now follow the prices of these more commonly used inter-state tariffs.

For Verizon the FCC 11 tariff is used, and for AT&T the FCC 1 tariff is used.

Due to different network systems the 1.5 Mb/s circuits are substituting for 2 Mb/s and 45 Mb/s for 34 Mb/s. Prices are adjusted for the difference in capacity, to reflect “European” bitrates. Tariffs will generally have a fixed charge for the local tail circuit, at higher speeds this may have a per mile charge as well, and a main link charge with a basic and incremental per mile charge.

USA	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 circuit terminations
50 km circuit	2 circuit terminations + main link of 46 km (rounded to nearest mile)
200 km circuit	2 circuit terminations + main link of 196 km (rounded to nearest mile)

8.1.29. Japan

NTT divides the tariff into a termination charge and a circuit charge. The circuit charge is divided into distance bands: 0 – 15 km, 15 – 30 km, 30 – 40 km, 40 – 50 km, 50 – 60 km, 60 – 70 km, 70 – 80 km, 80 – 90 km, and over 90 km. Prices are effectively capped at 100 km.

Local circuits within an exchange area are priced as one regular circuit in the shortest distance band.

Japan	Tariff definition used in this analysis (for 2009 data)
2 km circuit	2 termination charges and 0 – 15 km band
50 km circuit	2 termination charges and 40 – 50 km band
200 km circuit	2 termination charges and >90 km band

8.2. Prices for national leased lines

The following tables give a price summary for national leased lines from 1998 till today.

Table 8.1 Monthly charge for national leased lines 2 Mb/s – 2 km

National 2 Mb/s circuits, 2 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	716	663	663	521	547	547	547	547	547	547	547	547
Bulgaria						368	368	368	368	368	368	368
Czech				2,202	2,601	1,417	1,417	1,417	1,417	670	736	736
Denmark	243	243	163	163	163	163	333	333	179	179	217	217
Germany	639	486	350	340	340	340	340	340	340	340	340	340
Estonia			388	388	388	388	308	831	837	877	877	877
Greece	1,535	822	822	822	822	560	244	603	695	872	778	786
Spain	1,304	1,239	1,239	885	850	816	687	687	687	388	687	687
France	739	739	739	638	625	625	625	625	625	625	625	625
Ireland	593	593	381	381	381	381	381	381	381	381	381	381
Italy	971	826	826	648	648	648	602	602	602	602	556	513
Cyprus			376	376	376	376	687	432	583	583	671	671
Latvia			532	532	532	532	532	532	532	532	532	532
Lithuania			521	521	521	382	382	290	382	443	443	443
Luxembourg	1,438	1,438	1,438	506	506	506	506	460	460	460	460	460
Hungary			1,228	1,228	988	988	643	643	643	643	643	643
Malta						575	575	1,056	1,056	1,056	531	531
Netherlands	1,343	1,343	1,343	1,114	1,114	1,160	1,157	1,110	1,110	1,143	1,162	1,162
Austria	981	981	602	581	300	300	300	300	300	300	300	300
Poland			658	658	658	658	658	658	658	658	658	504
Portugal	792	622	622	622	622	269	269	269	290	290	290	290
Romania							283	283	283	283	283	283
Slovakia			1,240	1,241	1,241	1,241	1,241	1,241	1,185	906	906	906
Slovenia			284	284	284	284	241	489	489	472	472	472
Finland	138	225	243									
Sweden	393	393	327	327	327	327	327	327	327	327	327	231
UK	253	278	278	278	360	360	360	360	360	360	377	386
USA	419	419	419	419	419	419	419	482	482	638	733	330
USA	233	233	233	309	309	309	309	309	309	309	309	242
Japan	3,760	3,760	3,760	3,198	3,198	3,198	3,198	1,524	1,524	1,524	1,524	1,524

Table 8.2 Monthly charge for national leased lines 2 Mb/s – 50 km

National 2 Mb/s circuits, 50 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	3,489	3,417	3,417	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432	1,432
Bulgaria						2,173	2,173	2,173	2,173	2,173	2,173	2,173
Czech				3,931	3,642	3,170	3,170	3,170	3,170	958	958	958
Denmark	1,504	1,504	991	991	991	678	626	626	537	537	385	385
Germany	2,618	2,444	1,490	1,979	1,979	1,979	1,979	1,685	1,685	1,685	1,685	1,685
Estonia			1,179	1,179	1,179	1,179	930	2,231	2,260	2,260	2,047	2,047
Greece	4,150	3,108	3,108	2,698	2,728	1,473	540	918	1,179	1,509	1,320	999
Spain	4,304	4,089	4,089	2,944	2,806	2,666	1,900	1,900	1,900	1,478	1,900	1,900
France	2,073	2,073	2,073	1,896	1,944	1,944	1,944	1,944	1,944	1,944	1,944	1,944
Ireland	2,519	2,519	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793
Italy	6,786	3,409	3,409	2,346	2,346	2,346	2,182	2,182	2,182	2,182	2,015	2,051
Cyprus			1,005	1,005	1,005	1,005	994	785	792	792	920	920
Latvia			532	532	532	532	532	532	532	532	695	695
Lithuania			3,091	3,091	3,091	1,592	1,592	1,592	1,592	1,526	1,526	1,526
Luxembourg	5,156	5,156	4,814	1,656	1,656	1,656	1,656	1,490	1,490	1,490	1,490	1,490
Hungary			2,341	2,341	1,658	1,658	1,968	1,968	1,968	1,968	1,968	1,968
Malta						575	575	1,056	1,056	1,056	531	531
Netherlands	2,904	2,904	2,904	2,791	2,791	1,880	1,699	1,350	1,350	1,391	1,410	1,410
Austria	1,817	1,817	1,187	932	760	760	760	760	760	760	760	760
Poland			2,479	2,479	2,479	2,479	2,479	2,479	2,479	2,479	2,479	1,117
Portugal	5,571	3,337	2,739	2,739	2,739	1,349	1,349	1,349	1,425	1,425	1,425	1,425
Romania							2,143	2,143	2,143	2,143	2,143	2,143
Slovakia			4,283	4,469	4,461	4,461	3,718	3,718	3,718	1,461	1,461	1,461
Slovenia			2,148	2,148	2,148	2,148	1,641	1,711	1,711	1,624	1,624	1,624
Finland	622	711	711									
Sweden	643	643	394	394	394	394	394	394	394	394	394	387
UK	1,444	1,400	1,400	1,400	1,311	1,311	1,311	1,311	1,311	1,311	1,373	1,436
USA	1,356	1,356	1,356	1,356	1,356	1,356	1,356	1,560	1,560	2,063	2,892	892
USA	1,025	1,025	1,025	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	561
Japan	8,171	8,171	8,171	7,379	7,379	7,379	7,379	4,853	4,853	4,853	3,669	3,669

Table 8.3 Monthly charge for national leased lines 2 Mb/s – 200 km

National 2 Mb/s circuits, 200 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	5,352	4,573	4,573	2,577	2,577	2,577	2,004	2,004	2,004	2,004	2,004	2,004
Bulgaria						3,885	3,885	3,885	3,885	3,885	3,885	3,885
Czech				7,469	6,634	5,409	5,409	5,409	5,409	1,271	1,271	1,271
Denmark	2,461	2,461	1,360	1,360	1,360	835	768	768	537	537	385	385
Germany	3,748	3,594	2,197	2,504	2,504	2,504	2,504	1,925	1,925	1,925	1,925	1,925
Estonia			3,756	3,756	3,756	3,756	2,530	3,831	3,861	3,861	3,647	3,647
Greece	6,332	4,880	4,880	4,468	4,468	2,827	940	1,554	1,909	2,469	2,138	1,321
Spain	7,734	7,347	7,347	5,292	4,908	4,530	3,288	3,288	3,288	5,216	3,288	3,288
France	3,628	3,628	3,628	3,354	3,292	3,292	3,292	3,292	3,292	3,292	3,292	3,292
Ireland	3,959	3,959	2,945	2,945	2,945	2,945	2,945	2,945	2,945	2,945	2,945	2,945
Italy	10,484	6,091	6,091	4,549	4,548	4,548	4,095	4,095	4,095	4,095	3,782	3,473
Cyprus			629	1,005	1,005	1,005	1,404	1,241	1,358	1,358	1,489	1,489
Latvia			532	532	532	532	532	532	532	532	695	695
Lithuania			3,091	3,091	3,091	1,592	1,592	1,592	1,592	1,526	1,526	1,526
Luxembourg												
Hungary			5,817	5,817	3,749	3,749	4,583	4,583	4,583	4,583	4,583	4,583
Malta												
Netherlands	4,039	4,039	4,039	2,791	2,791	1,880	1,695	1,350	1,350	1,391	1,410	1,410
Austria	3,844	3,844	2,606	2,077	2,260	2,260	2,260	2,260	2,260	2,260	2,260	2,260
Poland			3,509	3,509	3,509	3,509	3,509	3,509	3,509	3,509	3,509	1,663
Portugal	9,338	5,126	4,235	4,235	4,235	2,389	2,389	2,389	2,936	2,936	2,936	2,936
Romania							3,146	3,146	3,146	4,240	4,240	4,240
Slovakia			5,610	5,053	5,019	5,019	5,019	5,019	4,979	1,723	1,723	1,723
Slovenia			4,529	4,529	4,529	4,529	2,969	3,003	3,003	2,756	2,756	2,756
Finland	1,631	1,050	1,050									
Sweden	1,133	1,133	664	664	664	664	664	664	664	664	664	647
UK	3,574	3,317	3,317	3,317	2,802	2,802	2,802	2,802	2,802	2,802	2,934	3,068
USA	3,985	3,985	3,985	3,985	3,985	3,985	3,985	4,583	4,583	6,061	9,256	2,554
USA	3,216	3,216	3,216	3,138	3,138	3,138	3,138	3,138	3,138	3,138	3,138	1,437
Japan	12,011	12,011	12,011	9,144	9,144	9,144	9,144	7,148	7,148	7,148	6,968	4,802

Table 8.4 Monthly charge for national leased lines 34 Mb/s – 2 km

National 34 Mb/s circuits, 2 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	1,517	1,441	1,441	1,611	1,692	1,692	1,692	1,692	1,692	1,692	1,692	1,692
Bulgaria												
Czech				10,732								
Denmark		744	676	676	676	879	977	977	1,057	1,057	1,057	1,057
Germany	3,579	3,579	1,620	1,050	1,500	1,500	1,500	1,579	1,579	1,005	1,005	1,005
Estonia			1,554	1,554	1,554	1,554	1,498	3,926	4,210	4,210	4,210	4,210
Greece						3,600	3,600	2,698	2,946	2,946	2,840	2,840
Spain	4,471	4,471	4,471	3,979	3,820	3,743	3,743	3,743	3,743	1,795	3,743	3,743
France	4,695	4,695	4,695	3,659	3,659	3,300	3,300	3,300	3,300	3,300	3,300	3,300
Ireland	3,665	3,665	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090	3,090
Italy		5,929	5,929	4,132	4,132	4,132	3,884	3,884	3,884	3,884	3,270	3,270
Cyprus			752	752	752	752	3,251	2,284	2,917	2,917	3,355	3,355
Latvia											8,515	8,515
Lithuania							977	977	977	688	688	688
Luxembourg				2,829	2,829	2,829	2,829	2,550	2,550	2,550	2,550	2,550
Hungary							5,385					
Malta												
Netherlands												
Austria	3,634	3,634	2,219	2,180	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Poland												
Portugal						2,015	2,015	2,015	2,176	2,176	2,176	2,176
Romania												
Slovakia												
Slovenia							1,132	2,294	2,294	2,214	2,214	2,214
Finland												
Sweden	2,072	2,072	1,488	1,488	1,488							
UK	3,104	3,104	3,104	3,104	3,104	3,104	3,104	3,104	3,104	3,104	3,104	3,104
USA	2,791	2,385	2,385	2,385	2,385	2,385	2,385	2,385	2,385	2,373	2,385	1,797
USA	1,796	1,796	1,796	1,853	1,853	1,853	1,853	1,853	1,853	1,853	1,853	2,324
Japan				2,608	2,608	2,608	2,608	2,608	2,608	2,608	2,608	2,608

Table 8.5 Monthly charge for national leased lines 34 Mb/s – 50 km

National 34 Mb/s circuits, 50 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	19,859	22,360	22,360	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976	7,976
Bulgaria												
Czech				17,298								
Denmark		5,396	5,396	5,396	5,396	5,349	4,642	4,642	4,960	4,960	4,960	4,960
Germany	21,945	16,960	11,905	5,575	6,711	6,711	6,711	4,646	4,646	4,646	4,646	4,646
Estonia			4,543	4,543	4,543	4,543	4,541	11,131	11,033	11,033	10,004	10,004
Greece						9,269	9,269	6,730	5,707	5,707	5,458	5,458
Spain	17,857	17,857	17,857	15,893	14,984	14,684	14,684	14,684	14,684	7,461	14,684	14,684
France	17,532	17,532	17,532	12,836	12,836	10,360	10,360	10,360	10,360	10,360	10,360	
Ireland	25,275	25,275	18,431	18,431	18,431	18,431	18,431	18,431	18,431	18,431	18,431	18,431
Italy		18,882	18,882	15,297	15,297	15,297	13,709	13,709	13,709	13,709	11,964	11,964
Cyprus			2,009	2,009	2,009	2,009	4,878	4,051	3,996	3,996	4,593	4,593
Latvia											8,515	8,515
Lithuania							4,560	4,560	4,560	1,086	1,086	1,086
Luxembourg				5,211	5,211	5,211	5,211	4,690	4,690	4,690	4,690	4,690
Hungary							8,672					
Malta												
Netherlands												
Austria	10,320	10,320	9,240	5,690	4,950	4,950	4,950	4,950	4,950	4,950	4,950	4,950
Poland												
Portugal						10,115	10,115	10,115	10,688	10,688	10,688	10,688
Romania												
Slovakia												
Slovenia							7,710	8,039	8,039	7,627	7,627	7,627
Finland												
Sweden	3,284	3,284	2,355	2,355	2,355							
UK	11,554	9,275	9,275	9,275	9,275	9,275	9,275	9,275	9,275	9,275	9,275	9,275
USA	6,305	5,455	5,455	5,455	5,455	5,455	5,455	5,455	5,455	5,360	5,455	4,186
USA	3,247	3,247	3,247	3,229	3,229	3,229	3,229	3,229	3,229	3,229	3,229	2,837
Japan				13,959	13,959	13,959	13,959	13,959	13,959	13,959	13,959	13,959

Table 8.6 Monthly charge for national leased lines 34 Mb/s – 200 km

National 34 Mb/s circuits, 200 km												
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Belgium	42,973	35,220	35,220	11,521	11,521	11,521	9,748	9,748	9,748	9,748	9,748	9,748
Bulgaria												
Czech				34,989								
Denmark		17,758	16,143	16,143	16,143	14,753	8,672	8,672	8,990	8,990	8,990	8,990
Germany	37,053	27,323	15,495	10,226	11,361	11,361	11,361	9,023	9,023	9,023	9,023	9,023
Estonia			14,293	14,293	14,293	14,293	12,259	18,850	18,752	18,752	17,722	17,722
Greece						14,229	14,229	11,295	9,165	9,165	8,488	8,488
Spain	32,099	32,099	32,099	28,568	26,463	25,933	25,933	22,746	22,746	26,199	21,643	21,643
France	33,920	33,920	33,920	31,206	31,206	19,310	19,310	19,310	19,310	19,310	19,310	19,310
Ireland	45,909	45,909	34,938	34,938	34,938	34,938	34,938	34,938	34,938	34,938	34,938	34,938
Italy		32,977	25,579	25,579	25,579	25,579	21,862	21,862	21,862	21,862	18,875	18,875
Cyprus			2,009	2,009	2,009	2,009	7,046	6,329	6,912	6,912	7,593	7,593
Latvia											8,515	8,515
Lithuania							5,342	5,342	5,342	2,171	2,171	2,171
Luxembourg												
Hungary							15,484					
Malta												
Netherlands												
Austria	26,540	26,540	24,806	17,136	16,200	16,200	16,200	16,200	16,200	16,200	16,200	16,200
Poland												
Portugal						17,915	17,915	17,915	22,020	22,020	22,020	22,020
Romania												
Slovakia												
Slovenia							13,830	13,989	13,989	12,835	12,835	12,835
Finland												
Sweden	6,225	6,225	4,708	4,708	4,708							
UK	28,590	19,496	19,496	19,496	19,496	19,496	19,496	19,496	19,496	19,496	19,496	19,496
USA	14,656	12,754	12,754	12,754	12,754	12,754	12,754	12,754	12,754	12,458	12,754	10,660
USA	6,524	6,524	6,524	6,336	6,336	6,336	6,336	6,336	6,336	6,336	6,336	3,783
Japan				21,629	21,629	32,367	32,367	32,367	32,367	32,367	32,367	32,367

Not all operators publish the prices of 34 Mb/s circuits

8.3. Price development for national leased lines

The development of national leased line prices over the last 11 years are shown in the graphs below. The graphs show the development of average prices since 1998.

Please note that some of the variations for the higher speed (figure 8.30) are a result of new countries being included in the average at different times.

Figure 8.29 Average price change for 2 Mb/s national leased lines in USA and the EU countries.

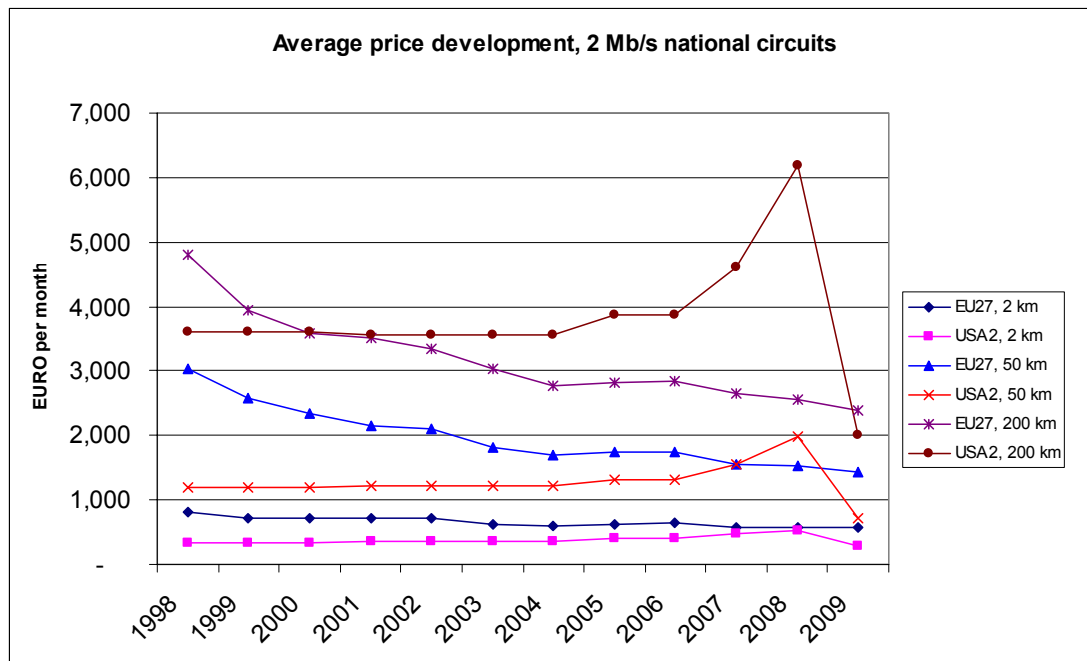
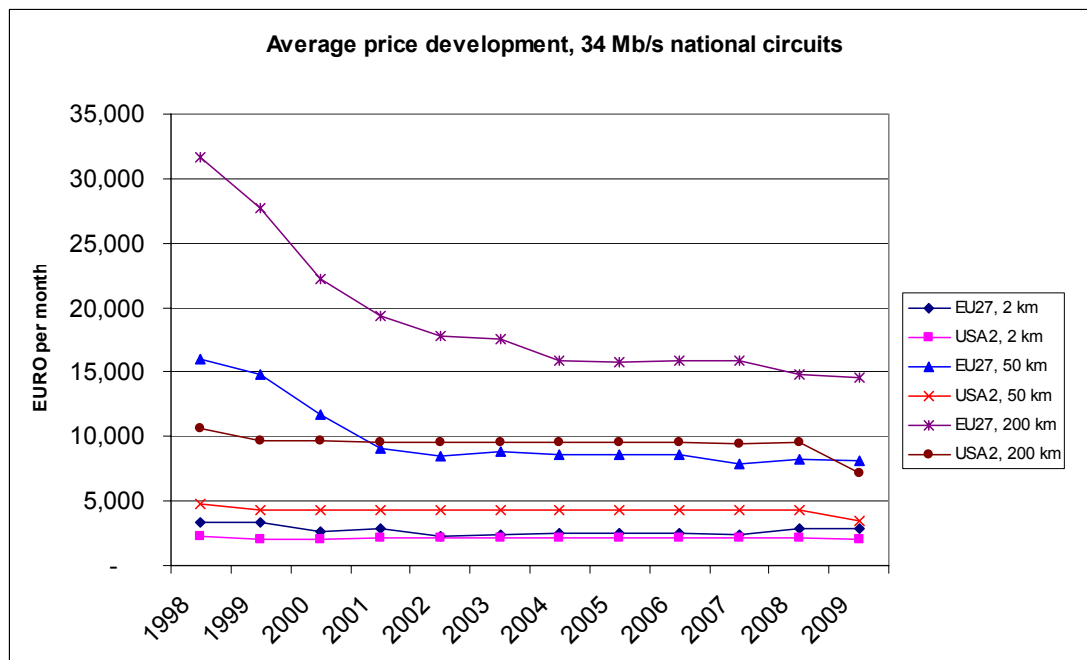


Figure 8.30 Average price change for 34 Mb/s national leased lines in USA and the EU countries.



All prices exclude VAT and tax in the respective countries.

EU27 figures are simple, un-weighted averages across all EU countries where data is available for each year.

USA2 figures are the averages between Verizon and PacBell. The variations in the US results for 2009 is due to the fact that a new tariff is used as agreed in the OECD expert workshop in Barcelona June 2009.

Some of the variations are results of new countries being included in the averages.