



Data Roaming Price Basket Index June 2011

30 June 2011

The GSMA represents the interests of the worldwide mobile communications industry. Spanning 219 countries, the GSMA unites nearly 800 of the world's mobile operators, as well as more than 200 companies in the broader mobile ecosystem, including handset makers, software companies, equipment providers, internet companies, and media and entertainment organisations

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5. Data Tables

a) Aggregated Data: Identifies the best available tariff for each operator and country for each of the defined usage cases

b) Consolidated Raw Data: Shows the tariffs available from each operator website in June 2011. The data shown consolidates (where relevant) any difference in tariff between partner and non-partner networks

1. Introduction

This document provides extensive examples of the pricing for mobile data roaming services in the EU/EEA for a number of usage cases. These examples are intended to contribute to the on going debate between the mobile industry and the European Commission about the current and future extent of regulatory intervention in the European mobile roaming market - particularly for mobile data services.

The results presented here are based upon tariff information drawn from the websites of 101 European mobile operators in June 2011. This data is aggregated to provide a view of an EU/EEA price based on each operators' best available tariff, and also on each country's best available tariff for a selection of usage cases.

The methodology and underlying data are also provided for reference.

2. Data Collection and Assumptions

Data Collection

1 Data collection and filtering

- All data collection took place from 6 June 2011 to 10 June 2011
- This exercise identified a total of 294 mobile tariffs from 101 operators from across 31 countries - the EU/EEA and Switzerland
- Tariffs from Iceland, Liechtenstein, Norway and Switzerland have been added to the EU27 country tariffs included in the April Price Basket Index
- The data collection and analysis focused on mobile/smartphone tariffs
- Furthermore the analysis only includes those tariffs which apply across a broad range of phone models (e.g. if a tariff applies solely to Blackberry devices it is excluded)

2 Tariff Components

- In order to analyse the wide variety of tariff structures the analysis used a standardised tariff format comprised of multiple tariff elements. The analysis treats each tariff type according to the different tariffs components included:
 - The tariff "allowance" is the amount of data included for the associated fee
 - The tariff "price" is the base level fee charged for usage of the allowance
 - A "monthly one-off fee" provides access to data roaming services but does not provide any data allowance. This cost has been added to the tariff price and amortised over the usage in the calculations.
 - Any strictly non-recurring one-off fees occur in very few tariffs and are relatively low. These have been excluded for the purposes of the analysis.
 - A "rolling monthly fee" is a monthly fee for which a monthly allowance is provided as part of a post-paid contract
- The tariff "time limit" is the usable time for which the allowance is valid. Any allowance not used within the time limit will be lost
- The tariff "excess limit": Most tariffs allow the user to continue purchasing multiple allowances for the tariff price. However, some tariffs include a usage limit we are calling an "excess limit". Usage beyond this excess limit may be charged at a different price (the "excess price") and sold in different allowance increments (the "excess unit").

3 Situation-specific prices

- Some tariffs include a different price in certain cases (e.g. partner vs. non-partner networks, on-net vs. off-net rates)
- A "combined" price was calculated for these tariffs on a case-by-case basis by weighting the different possible prices (for on-net vs. off-net, preferred vs. non-preferred network etc) depending on an assessment of the coverage of the preferred networks and customer usage patterns.
- Where preferential rates are available free-of-charge and simply require signing-up (e.g. Vodafone Passport), we assume that all customers sign-up for these lower rates
- Tariffs under which data connection speeds are limited/reduced by the operator once a user's allowance is used-up are assumed to be totally cut-off once the allowance is used
- Preferential rates that are available at domestic rates or within domestic bundles have not been included

4 Taxes and Exchange Rates

- All calculations are net of VAT
- EUR is the default unit currency used
- Where conversion is required from local currencies we have used exchange rates as of 6 June 2011

2. Data Collection and Assumptions

Notes

1 Data Adjustments

- To allow for inclusion of the most tariffs, the raw tariff data has been adjusted to include operators that have either postpaid or prepaid tariff(s) as long as other postpaid and prepaid tariffs are present in that same country (i.e. if Operator A has only postpaid and no prepaid data roaming tariffs, but there are prepaid tariffs from other operators within the same country, then Operator A's postpaid tariffs are kept in the Adjusted data set)

2 Outputs

- Combined prices for each country are calculated by weighting the prices of prepaid and postpaid tariffs by the prepaid and postpaid subscribers in that country

3 Data Sources

- (i) All tariff information taken from Operator websites
- (ii) Market share data as of Q1 2011 from Wireless Intelligence
- (iii) Number of subscribers as of Q1 2011 from Wireless Intelligence

3. Methodology

1 Overview

- This model takes two approaches to identify the EU/EEA cost of data roaming based on the best available tariffs
 - (i) Approach 1: Usage-only Cases consider different data usage volumes irrespective of the duration over which the allowance is used
 - (ii) Approach 2: Usage & Duration Cases consider different data usage patterns including both usage volume and the time period over which the allowance is used

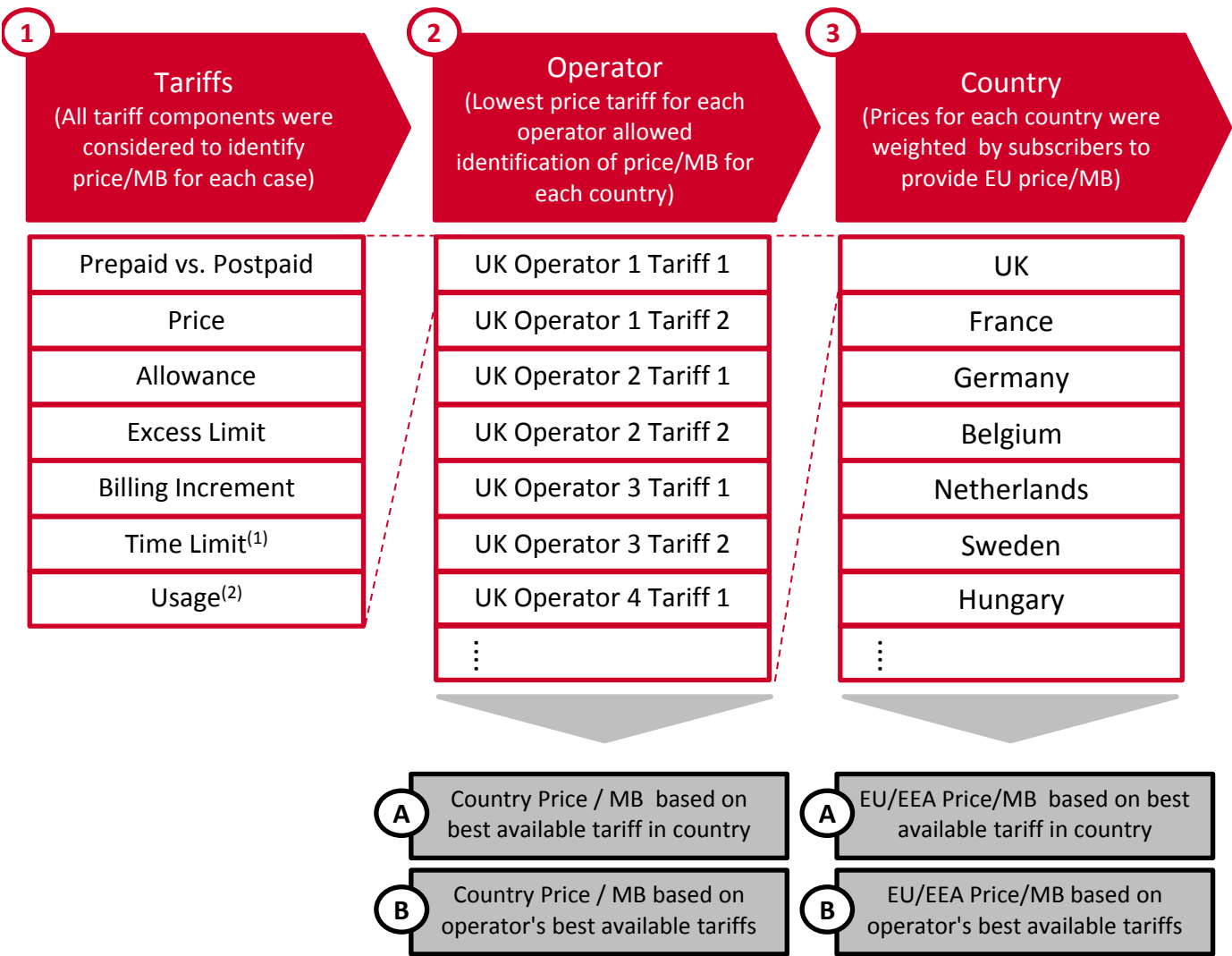
2 Approach 1: Usage-only Cases

- (i) Determine individual tariff prices
 - For each tariff, an effective data roaming price per MB is calculated for each **usage-only case**
 - The price per MB is calculated considering the **full bundle allowance so that in cases where usage is less than the allowance, the user is still charged the full price of the bundle resulting in a higher effective price per MB**
 - For example, if a user pays €10 for a 10MB bundle but uses only 5MB, he or she will still be charged the entire €10 so that the effective price per MB is $\text{€10} / 5\text{MB} = \text{€2 per MB}$
- (ii) Aggregate country-level prices
 - For each country we determine:
 - (a) The **lowest** available price per MB based on the best tariff from a single operator
 - (b) The **best average** price per MB - this is based on a weighted average price of the lowest price tariff for each operator within a country, weighted by each operator's market share
 - These values are determined for each usage case to reflect the different data roaming usage profiles for each country
- (iii) Aggregate EU/EEA-level prices
 - The EU/EEA price per MB has been calculated by weighting the average price for each country with the number of mobile subscriptions in each country
 - (a) The EU/EEA price per MB based on the each country's best available tariff
 - (b) The EU/EEA price per MB based on each operator's best available tariff
 - This is determined for each usage-only case to reflect the different data roaming usage profiles at EU/EEA-level

3 Approach 2: Usage & Duration Cases

- (i) Determine individual tariff prices
 - For each tariff, an effective data roaming price per MB is calculated for each **usage & duration case** including consideration of both data usage and time-period over which the allowance is used
 - The price per MB is calculated considering the full bundle allowance so that in cases where usage is less than the allowance, the user is still charged the full price of the bundle resulting in a higher effective price per MB
 - It is assumed that the usage in each usage case is distributed evenly across the duration of the usage case
 - For example, a traveller using 50MB of roaming data in a 5 day journey is assumed to use $50\text{MB} / 5 = 10\text{MB}$ per day. This allows comparisons of per-MB and daily bundle tariffs to identify the lowest effective price per MB
- (ii) Aggregate country-level prices
 - Same as in Approach 1
- (iii) Aggregate EU-level prices
 - Same as in Approach 1

3. Methodology



Notes:

1. Time Limits are only considered for Usage and Duration Cases (and not for Usage-only Cases)

2. Usage depends on the Usage-Only Cases / Usage and Duration Case in question

4. Selected Case Studies - June Price Basket Index

Approach 1: Example Usage-only Cases

Usage-only Case Number	1	2	3	4	5	6
Data usage (MBs)	1	5	10	20	50	100

Prepaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	2.24	1.62	1.43	1.53	1.61	1.82
EU/EEA price based on country's best tariffs	1.04	0.64	0.51	0.44	0.35	0.59

Postpaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	2.16	1.16	0.91	0.87	0.67	0.93
EU/EEA price based on country's best tariffs	1.03	0.56	0.37	0.30	0.21	0.31

Combined Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	2.21	1.39	1.17	1.20	1.12	1.33
EU/EEA price based on country's best tariffs	1.03	0.60	0.44	0.37	0.28	0.42

Approach 2: Example Usage & Duration Cases

Usage & Duration Case Number	1	2	3	4	5
Data usage (MBs)	5	20	50	100	200
Usage Duration (Days)	1	4	7	15	30

Prepaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	1.62	1.46	1.38	1.39	1.38
EU/EEA price based on country's best tariffs	0.64	0.55	0.45	0.46	0.44

Postpaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	1.16	0.95	0.78	0.82	0.86
EU/EEA price based on country's best tariffs	0.56	0.47	0.33	0.34	0.36

Combined Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	1.39	1.21	1.08	1.11	1.12
EU/EEA price based on country's best tariffs	0.60	0.51	0.39	0.40	0.40

What do these figures mean?

The usage-only cases above show that there is considerable opportunity for consumers to get a good deal on data roaming if they shop-around. For example, the average light-user could get 1MB of roaming data (Usage-only case 1) for a price of €2.21, or instead pay €1.03 if they are willing to shop around. There is, of course variation across Europe and between operators, but these examples reflect how customers could benefit from the current tariff reductions on offer in the market.

Similarly, a heavy-user - who is most likely to shop-around for the best deal - can get 100MB of roaming data allowance (Usage-only case 6) for €0.42/MB with the best available tariff.

4. Selected Case Studies - Comparison of June vs. April Price Baskets

Approach 1: Example Usage-only Cases

Usage-only Case Number	1	2	3	4	5	6
Data usage (MBs)	1	5	10	20	50	100

Prepaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	-20%	-17%	-22%	-25%	-26%	-20%
EU/EEA price based on country's best tariffs	-33%	-25%	-30%	-43%	-52%	-20%

Postpaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	-14%	-18%	-19%	-18%	-32%	-30%
EU/EEA price based on country's best tariffs	-8%	-17%	-16%	-32%	-34%	-15%

Combined Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	-17%	-18%	-21%	-23%	-28%	-24%
EU/EEA price based on country's best tariffs	-24%	-22%	-27%	-37%	-43%	-15%

Approach 2: Example Usage & Duration Cases

Usage & Duration Case Number	1	2	3	4	5
Data usage (MBs)	5	20	50	100	200
Usage Duration (Days)	1	4	7	15	30

Prepaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	-16%	-19%	-20%	-20%	-21%
EU/EEA price based on country's best tariffs	-25%	-22%	-24%	-21%	-25%

Postpaid Tariffs (€ per MB)

EU/EEA price based on operators' best tariffs	-18%	-23%	-27%	-26%	-21%
EU/EEA price based on country's best tariffs	-17%	-10%	-17%	-16%	-13%

Combined Tariffs (€ per MB)

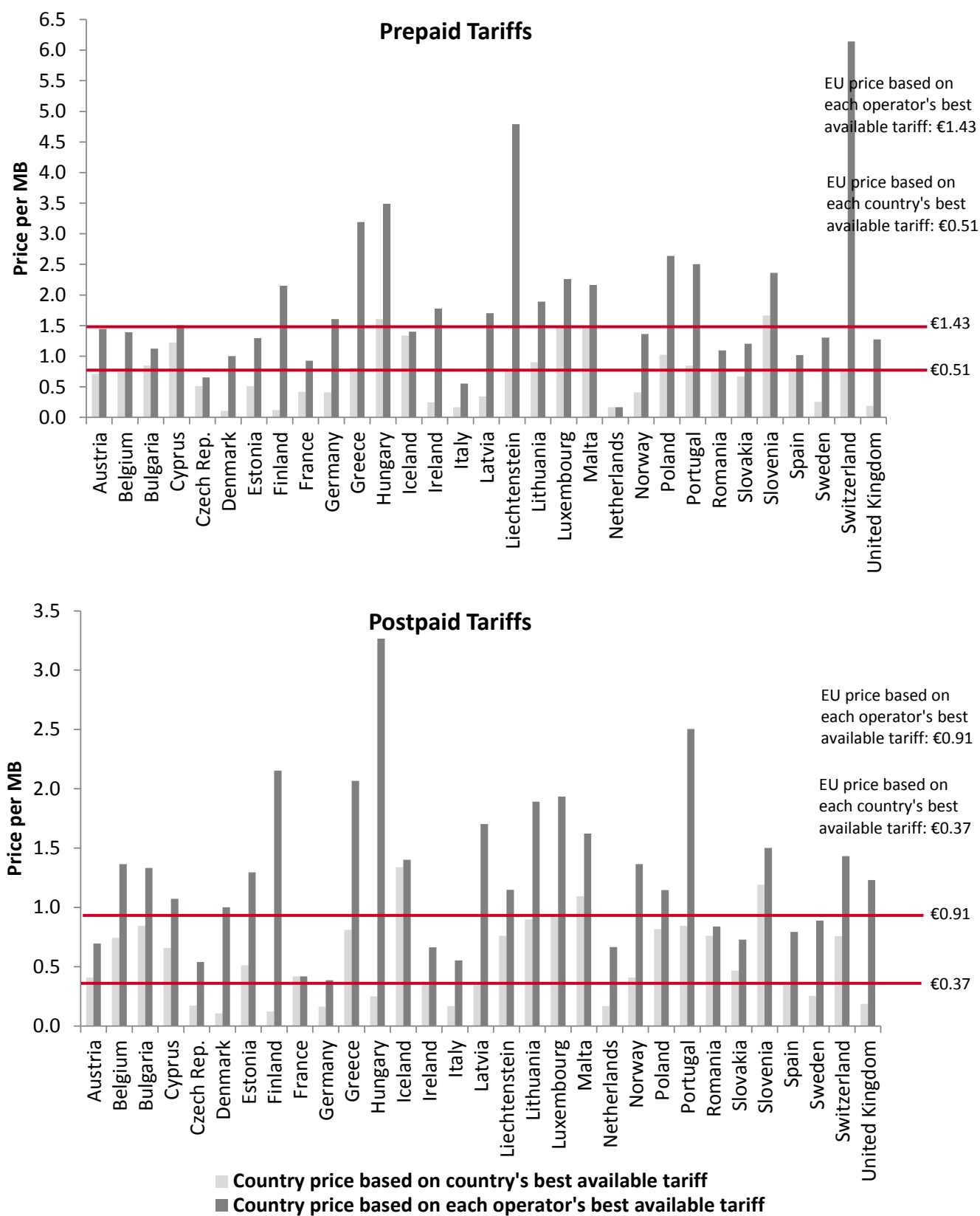
EU/EEA price based on operators' best tariffs	-18%	-22%	-24%	-23%	-22%
EU/EEA price based on country's best tariffs	-22%	-18%	-21%	-19%	-20%

What do these figures mean?

Comparing the April and June tariff indices shows there is considerable competition in the market today. Prepaid and postpaid prices for the EU/EEA based on each country's best available tariff have declined up to 52% and 34% respectively. Prepaid and postpaid prices for the EU/EEA based on each operator's best available tariff have declined up to 26% and 32% respectively.

Competition has been strongest in larger bundled tariffs. For example, the average medium-heavy user - who is likely to shop around for the best deal - can get 50MB of roaming data allowance for €0.30/MB in comparison to €0.52/MB in April. In two months, bundled tariff prices have declined to give users a saving of €11 for each 50MB bundle they purchase - a 43% decrease in price per MB.

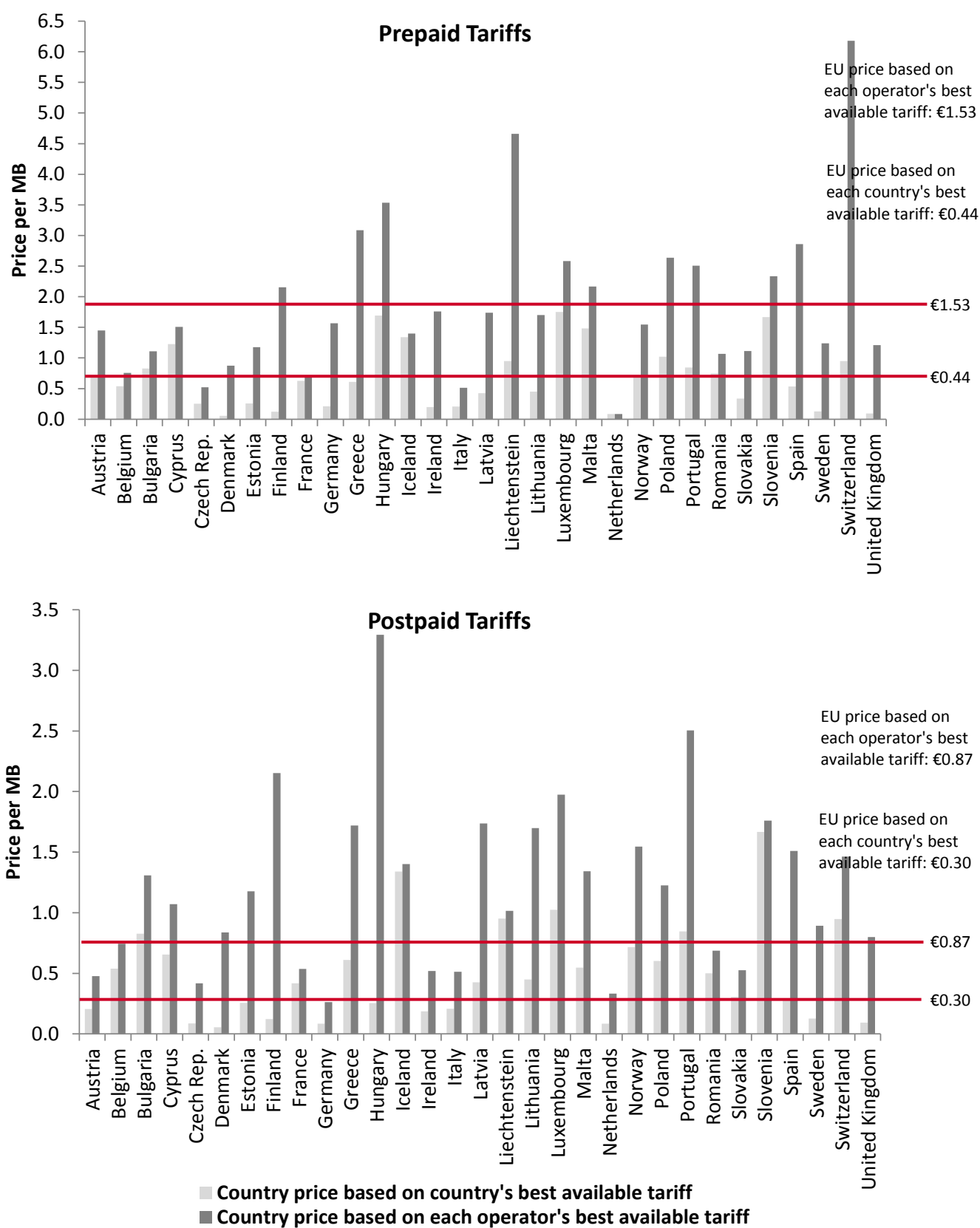
4. Selected Case Studies: Data Roaming Prices for 10MB Usage-Only Case



Notes:

1. Country price based on country's best available tariff is based on a single tariff
2. Country price based on each operator's best available tariff is based on a weighted average of different operator tariffs
3. Sourced from operator websites (data collected from 6 June 2011 to 10 June 2011)

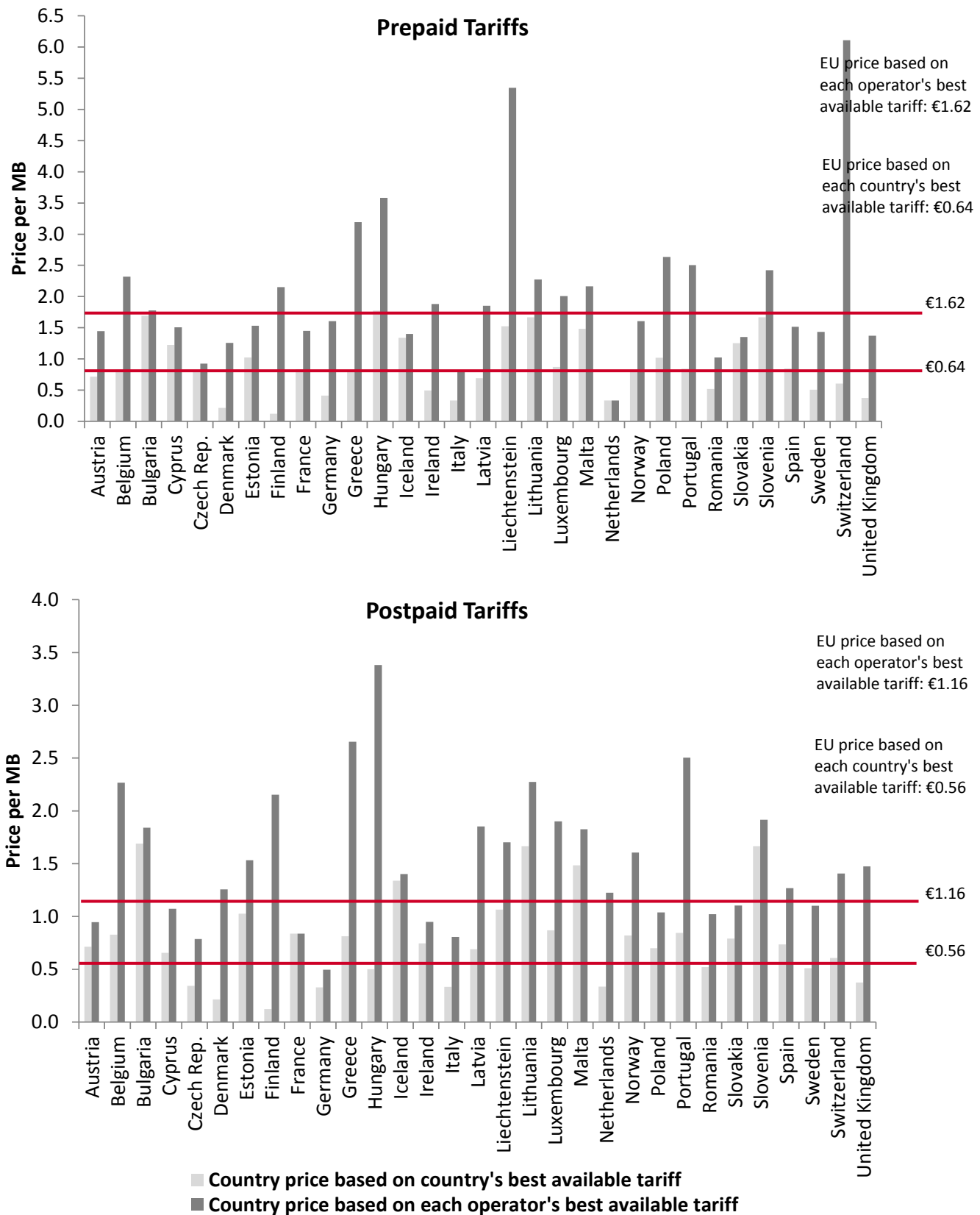
4. Selected Case Studies: Data Roaming Prices for 20MB Usage-Only Case



Notes:

1. Country price based on country's best available tariff is based on a single tariff
2. Country price based on each operator's best available tariff is based on a weighted average of different operator tariffs
3. Sourced from operator websites (data collected from 6 June 2011 to 10 June 2011)

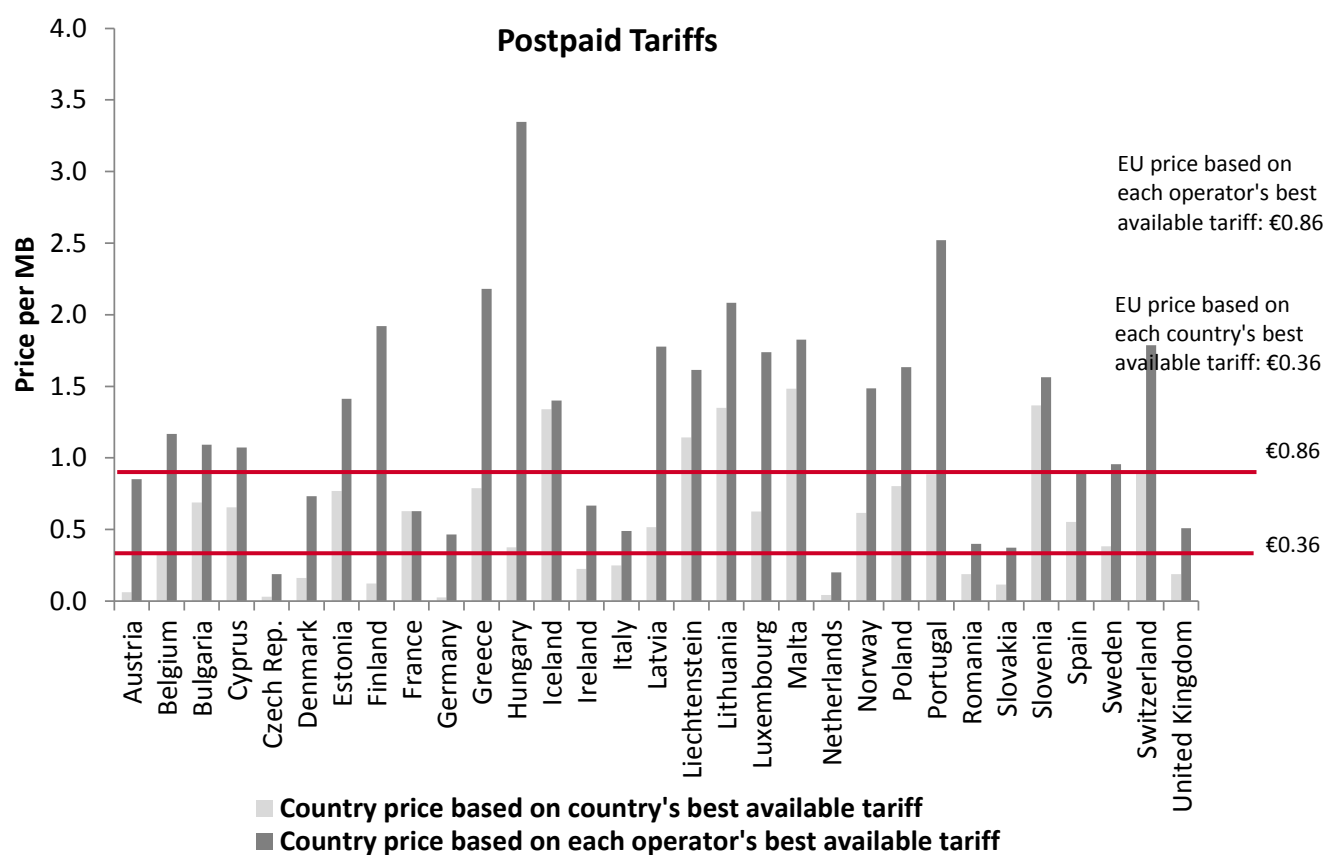
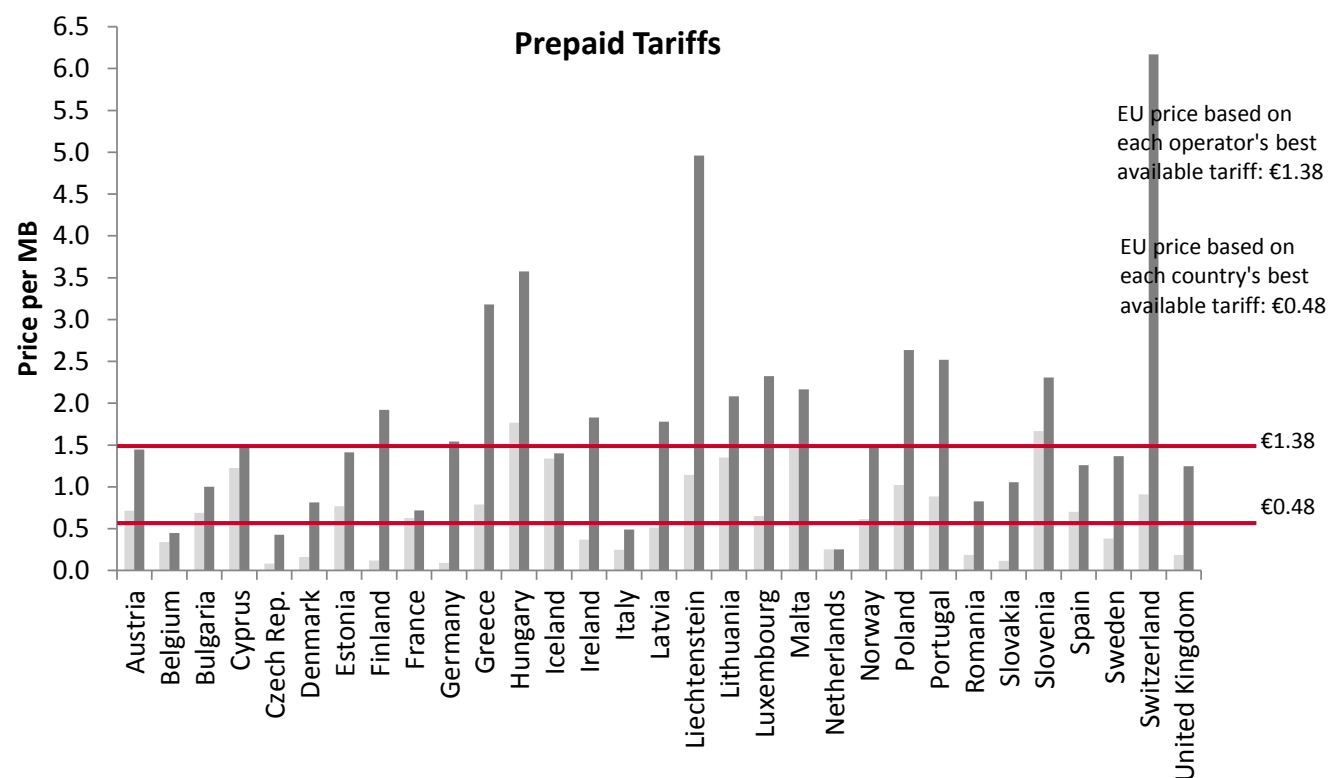
4. Selected Case Studies: Data Roaming Prices for 5MB, 1 Day Usage and Duration Case



Notes:

1. Country price based on country's best available tariff is based on a single tariff
2. Country price based on each operator's best available tariff is based on a weighted average of different operator tariffs
3. Sourced from operator websites (data collected from 6 June 2011 to 10 June 2011)

4. Selected Case Studies: Data Roaming Prices for 200MB, 30 Day Usage and Duration Case



Notes:

1. Country price based on country's best available tariff is based on a single tariff
2. Country price based on each operator's best available tariff is based on a weighted average of different operator tariffs
3. Sourced from operator websites (data collected from 6 June 2011 to 10 June 2011)

5. Data Tables

Aggregated Country Data

Lowest Price Tariffs (Adjusted)

Country	Usage-only Case 1			Usage-only Case 2			Usage-only Case 3			Usage-only Case 4			Usage-only Case 5			Usage-only Case 6			Usage & Duration Case 1			Usage & Duration Case 2			Usage & Duration Case 3			Usage & Duration Case 4			Usage & Duration Case 5		
	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined			
Austria	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.41	0.49	0.71	0.20	0.34	0.71	0.08	0.25	0.71	0.13	0.28	0.71	0.71	0.71	0.71	0.20	0.34	0.71	0.08	0.25	0.71	0.13	0.28	0.71	0.06	0.23
Belgium	1.65	1.65	1.65	0.83	0.83	0.83	0.74	0.74	0.74	0.54	0.54	0.54	0.25	0.25	0.25	0.37	0.37	0.37	0.83	0.83	0.83	0.54	0.54	0.54	0.40	0.40	0.40	0.37	0.37	0.37	0.34	0.34	0.34
Bulgaria	2.07	2.07	2.07	1.69	1.69	1.69	0.85	0.85	0.85	0.83	0.83	0.83	0.81	0.81	0.81	0.70	0.70	0.70	1.69	1.69	1.69	0.83	0.83	0.83	0.81	0.81	0.81	0.70	0.70	0.70	0.69	0.69	0.69
Cyprus	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98	1.23	0.66	0.98
Czech Republic	0.82	0.82	0.82	0.82	0.34	0.56	0.51	0.17	0.32	0.25	0.09	0.16	0.27	0.03	0.14	0.17	0.02	0.08	0.82	0.34	0.56	0.82	0.30	0.53	0.33	0.12	0.22	0.17	0.06	0.11	0.08	0.03	0.05
Denmark	1.07	1.07	1.07	0.21	0.21	0.21	0.11	0.11	0.11	0.05	0.05	0.05	0.02	0.02	0.02	0.01	0.01	0.01	0.21	0.21	0.21	0.21	0.21	0.21	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16
Estonia	1.25	1.25	1.25	1.03	1.03	1.03	0.51	0.51	0.51	0.26	0.26	0.26	0.21	0.21	0.21	1.17	1.17	1.17	1.03	1.03	1.03	1.03	1.03	1.03	0.72	0.72	0.72	0.77	0.77	0.77	0.77	0.77	0.77
Finland	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
France	1.25	1.25	1.25	0.84	0.84	0.84	0.42	0.42	0.42	0.63	0.42	0.48	0.25	0.25	0.25	2.17	0.75	1.17	0.84	0.84	0.84	0.79	0.79	0.79	0.59	0.59	0.59	0.63	0.63	0.63	0.63	0.63	0.63
Germany	0.41	0.41	0.41	0.41	0.33	0.37	0.41	0.16	0.30	0.21	0.08	0.15	0.08	0.07	0.08	0.25	0.05	0.16	0.41	0.33	0.37	0.21	0.21	0.21	0.08	0.08	0.08	0.09	0.05	0.07	0.09	0.03	0.06
Greece	0.80	0.80	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.61	0.61	0.61	0.73	0.50	0.66	0.77	0.25	0.60	0.81	0.81	0.81	0.61	0.61	0.61	0.73	0.50	0.66	0.77	0.25	0.60	0.79	0.79	0.79
Hungary	1.77	1.77	1.77	1.77	0.50	1.19	1.61	0.25	0.98	1.69	0.25	1.03	1.74	0.10	0.98	1.76	0.95	1.39	1.77	0.50	1.19	1.69	0.50	1.14	1.74	0.35	1.10	1.76	0.37	1.12	1.77	0.37	1.12
Iceland	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Ireland	0.82	0.82	0.82	0.49	0.74	0.58	0.25	0.37	0.29	0.20	0.19	0.19	0.08	0.07	0.08	0.77	0.04	0.51	0.49	0.74	0.58	0.49	0.74	0.58	0.35	0.52	0.41	0.37	0.45	0.40	0.37	0.23	0.32
Italy	0.83	0.83	0.83	0.33	0.33	0.33	0.17	0.17	0.17	0.21	0.21	0.21	0.08	0.08	0.08	0.08	0.08	0.08	0.33	0.33	0.33	0.33	0.33	0.33	0.23	0.23	0.23	0.25	0.25	0.25	0.25	0.25	0.25
Latvia	2.21	2.21	2.21	0.69	0.69	0.69	0.34	0.34	0.34	0.43	0.43	0.43	1.72	1.72	1.72	2.21	2.21	2.21	0.69	0.69	0.69	0.69	0.69	0.69	0.48	0.48	0.48	0.52	0.52	0.52	0.52	0.52	0.52
Liechtenstein	3.04	3.04	3.04	1.52	1.07	1.34	0.76	0.76	0.76	0.95	0.95	0.95	0.38	0.38	0.38	0.57	0.57	0.57	1.52	1.07	1.34	0.95	0.95	0.95	1.07	1.07	1.07	0.57	0.57	1.14	1.14	1.14	1.14
Lithuania	1.67	1.67	1.67	1.67	1.67	1.67	0.90	0.90	0.90	0.45	0.45	0.45	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.26	1.26	1.26	1.35	1.35	1.35	1.35	1.35	1.35
Luxembourg	1.74	1.74	1.74	0.87	0.87	0.87	1.48	0.94	1.13	1.75	1.02	1.28	1.90	0.72	1.14	1.95	0.60	1.08	0.87	0.87	0.87	0.87	0.87	0.87	0.61	0.61	0.61	0.65	0.60	0.62	0.65	0.63	0.64
Malta	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.09	1.41	1.48	0.55	1.30	1.48	0.81	1.35	1.48	1.15	1.42	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
Netherlands	1.68	1.47	1.56	0.34	0.34	0.34	0.17	0.17	0.17	0.08	0.08	0.08	0.18	0.11	0.14	0.22	0.08	0.14	0.34	0.34	0.34	0.34	0.34	0.34	0.24	0.17	0.20	0.25	0.08	0.15	0.25	0.04	0.13
Norway	1.49	1.49	1.49	0.82	0.82	0.82	0.41	0.41	0.41	0.72	0.72	0.72	0.67	0.67	0.67	0.34	0.34	0.34	0.82	0.82	0.82	0.82	0.82	0.82	0.57	0.57	0.57	0.61	0.61	0.61	0.61	0.61	0.61
Poland	1.02	1.02	1.02	1.02	0.70	0.86	1.02	0.82	0.92	1.02	0.60	0.81	1.02	0.24	0.63	1.02	0.37	0.70	1.02	0.70	0.86	1.02	0.60	0.81	1.02	0.24	0.63	1.02	0.38	0.70	1.02	0.80	0.91
Portugal	2.99	2.99	2.99	0.84	0.84	0.84	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.84	0.84	0.84	0.84	0.84	0.84	0.95	0.95	0.95	0.89	0.89	0.89	0.89	0.89	0.89
Romania	1.68	1.68	1.68	0.52	0.52	0.52	0.76	0.76	0.76	0.75	0.50	0.67	0.30	0.30	0.30	0.28	0.25	0.27	0.52	0.52	0.52	0.52	0.50	0.51	0.32	0.30	0.32	0.28	0.28	0.28	0.19	0.19	0.19
Slovakia	1.67	1.67	1.67	1.26	0.79	1.02	0.67	0.47	0.57	0.34	0.30	0.32	0.13	0.13	0.13	0.09	0.09	0.09	1.26	0.79	1.02	0.34	0.30	0.32	0.13	0.13	0.13	0.09	0.09	0.09	0.11	0.11	0.11
Slovenia	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.19	1.34	1.67	1.67	1.67	1.67	1.58	1.61	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.58	1.61	1.67	1.67	1.67	1.67	1.37	1.46	1.46
Spain	0.80	0.80	0.80	0.85	0.74	0.78	0.77	0.37	0.52	0.53	0.28	0.38	0.39	0.15	0.24	0.38	0.14	0.23	0.85	0.74	0.78	0.85	0.74	0.78	0.66	0.52	0.57	0.70	0.55	0.61	0.70	0.55	0.61
Sweden	2.23	2.23	2.23	0.51	0.51	0.51	0.25	0.25	0.25	0.13	0.13	0.13	0.05	0.05	0.05	0.03	0.03	0.03	0.51	0.51	0.51	0.51	0.51	0.51	0.36	0.36	0.36	0.38	0.38	0.38	0.38	0.38	0.38
Switzerland	1.52	1.52	1.52	0.61	0.61	0.61	0.76	0.76	0.76	0.95	0.95	0.95	0.38	0.38	0.38	0.95	0.95	0.95	0.61	0.61	0.61	0.61	0.61	0.61	1.06	1.06	1.06	0.91	0.91	0.91	0.91	0.91	0.91
United Kingdom	0.79	0.79	0.79	0.37	0.37	0.37	0.19	0.19	0.19	0.09	0.09	0.09	0.19	0.16	0.18	0.37	0.37	0.37	0.37	0.37	0.37	0.23	0.23	0.23	0.19	0.19	0.19	0.28	0.28	0.28	0.19	0.19	0.19
EU/EEA	1.04	1.03	1.03	0.64	0.56	0.60	0.51	0.37	0.44	0.44	0.30	0.37	0.35	0.21	0.28	0.59	0.31	0.42	0.64	0.56	0.60	0.55	0.47	0.51	0.45	0.33	0.39	0.46	0.34	0.40	0.44	0.36	0.40

Average Price Tariffs (Adjusted)

Country	Usage-only Case 1			Usage-only Case 2			Usage-only Case 3			Usage-only Case 4			Usage-only Case 5			Usage-only Case 6			Usage & Duration Case 1			Usage & Duration Case 2			Usage & Duration Case 3			Usage & Duration Case 4			Usage & Duration Case 5		
	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined	Prepaid	Postpaid	Combined			
Austria	1.45	2.62	2.31	1.45	0.95	1.08	1.45	0.70	0.89	1.45	0.48	0.73	1.45	0.58	0.81	1.45	0.36	0.65	1.45	0.95	1.08	1.45	0.48	0.73	1.45	0.58	0.81	1.45	0.36	0.65	1.45	0.85	1.01
Belgium	9.41	9.15	9.29	2.32	2.27	2.29	1.39	1.36	1.38	0.76	0.74	0.75	0.52	0.36	0.44	0.62	1.05	0.83	2.32	2.27	2.29	0.82	0.81	0.81	0.57	0.40	0.49	0.65	1.07	0.85	0.45	1.17	0.79
Bulgaria	2.08	4.10	3.32	1.78	1.84	1.82	1.12	1.33	1.25	1.11	1.31	1.23	1.10	1.17	1.15	1.01	1.10	1.07	1.78	1.84	1.82	1.11	1.31	1.23	1.10	1.17	1.15	1.01	1.10	1.07	1.00	1.09	1.06
Cyprus	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32	1.51	1.07	1.32
Czech Republic	0.91	0.94	0.93	0.93	0.79	0.85	0.66	0.54	0.59	0.52	0.42	0.46	0.53	0.41	0.46	0.47	0.36	0.41	0.93	0.79	0.85	0.83	0.70	0.76	0.56	0.46	0.51	0.47	0.37	0.42	0.43	0.19	0.30
Denmark	2.32	2.32	2.32	1.26	1.26	1.26	1.00	1.00	1.00	0.87	0.84	0.84	0.80	0.73	0.74	0.77	0.70	0.71	1.26	1.26	1.26	0.93	0.89	0.90	0.84	0.78	0.79	0.82	0.75	0.76	0.81	0.73	0.75
Estonia	2.04	2.04	2.04	1.53	1.53	1.53	1.29	1.29	1.29	1.18	1.18	1.18	1.15	1.15	1.15	1.60	1.60	1.60	1.53	1.53	1.53	1.53	1.53	1.53	1.39	1.39	1.39	1.41	1.41	1.41	1.41	1.41	1.41
Finland	2.64	2.64	2.64	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	1.92	1.92	1.92	1.92	1.92	1.92	2.15	2.15	2.15	2.15	2.15	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	
France	1.49	1.49	1.49	1.45	0.84	1.02	0.93	0.42	0.57	0.70	0.54	0.59	0.57	0.43	0.47	2.19	1.58	1.76	1.45	0.84	1.02	0.82	0.82	0.82	0.76	0.59	0.64	0.72	0.63	0.65	0.72	0.63	0.65
Germany	1.61	1.34	1.49	1.61	0.49	1.11	1.61	0.39	1.06	1.57	0.26	0.98	1.54	0.17	0.93	1.57	0.67	1.17	1.61	0.49	1.11	1.57	0.45	1.07	1.54	0.46	1.06	1.54	0.47	1.06	1.54	0.46	1.06
Greece	3.19	2.84	3.08	3.19	2.66	3.02	3.19	2.07	2.83	3.09	1.72	2.64	3.15	1.57	2.64	3.17	1.52	2.64	3.19	2.66	3.02	3.09	1.72	2.64	3.15	1.57	2.64	3.17	1.52	2.64	3.18	2.18	2.86
Hungary	3.58	3.87	3.72	3.58	3.38	3.49	3.49	3.27	3.39	3.54	3.29	3.42	3.56	3.27	3.43	3.57	3.49	3.53	3.58	3.38	3.49	3.54	3.35	3.45	3.56	3.33	3.46	3.57	3.35	3.47	3.58	3.35	3.47
Iceland	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
Ireland	2.71	3.24	2.90	1.88	0.95	1.55	1.78	0.66	1.38	1.76	0.52	1.31	1.71	0.43	1.25	2.00	0.58	1.48	1.88	0.95	1.55	1.88	0.95	1.55	1.82	1.44	1.83	0.76	1.44	1.83	0.67	1.41	
Italy	1.71	1.71	1.71	0.81	0.81	0.81	0.55	0.55	0.55	0.52	0.51	0.51	0.46	0.46	0.46	0.45	0.45	0.45	0.81	0.81	0.81	0.53	0.53	0.53	0.47	0.46	0.47	0.49	0.49	0.49	0.49	0.49	0.49
Latvia	3.05	3.05	3.05	1.85	1.85	1.85	1.70	1.70	1.70	1.74	1.74	1.74	2.30	2.30	2.30	2.77	2.77	2.77	1.85	1.85	1.85	1.85	1.85	1.85	1.76	1.76	1.76	1.78	1.78	1.78	1.78	1.78	1.78
Liechtenstein	5.77	4.50	5.25	5.35	1.70	3.87	4.79	1.15	3.31	4.66	1.02	3.18	4.55	0.91	3.07	4.59	0.94	3.11	5.35	1.70	3.87	4.80	1.16	3.32	4.72	1.32	3.34	4.63	1.29	3.27	4.96	1.61	3.60
Lithuania	2.33	2.33	2.33	2.27	2.27	2.27	1.89	1.89	1.89	1.70	1.70	1.70	2.33	2.33	2.33	2.33	2.33	2.33	2.27	2.27	2.27	2.27	2.27	2.27	2.04	2.04	2.04	2.08	2.08	2.08	2.08	2.08	2.08
Luxembourg	3.52	3.41	3.45	2.01	1.90	1.94	2.26	1.94	2.05	2.58	1.97	2.19	2.78	1.79	2.14	2.84	1.80	2.17	2.01	1.90	1.94	2.27	1.91	2.04	2.29	1.77	1.95	2.31	1.73	1.94	2.32	1.74	1.95
Malta	2.17	1.82	2.10	2.17	1.82	2.10	2.17	1.62	2.06	2.17	1.34	2.00	2.17	1.48	2.03	2.17	1.65	2.06	2.17	1.82	2.10	2.17	1.82	2.10	2.17	1.82	2.10	2.17	1.82	2.10	2.17	1.82	2.10
Netherlands	1.68	1.58	1.62	0.34	1.23	0.85	0.17	0.66	0.46	0.08	0.33	0.23	0.18	0.15	0.17	0.22	0.11	0.15	0.34	1.23	0.85	0.34	0.40	0.37	0.24	0.19	0.21	0.25	0.13	0.18	0.25	0.20	0.22
Norway	3.55	3.55	3.55	1.61	1.61	1.61	1.36	1.36	1.36	1.55	1.55	1.55	1.52	1.52	1.52	1.32	1.32	1.32	1.61	1.61	1.61	1.61	1.61	1.46	1.46	1.46	1.48	1.48	1.48	1.48	1.48	1.48	1.48
Poland	2.64	2.05	2.34	2.64	1.04	1.83	2.64	1.15	1.89	2.64	1.12	1.93	2.64	0.56	1.59	2.64	1.10	1.86	2.64	1.04	1.83	2.64	1.25	1.94	2.64	0.70	1.67	2.64	1.22	1.92	2.64	1.63	2.13
Portugal	3.27	3.27	3.27	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.51	2.51	2.51	2.51	2.51	2.51	2.50	2.50	2.50	2.50	2.50	2.50	2.54	2.54	2.54	2.52	2.52	2.52	2.52	2.52	2.52
Romania	2.08	2.08	2.08	1.02	1.02	1.02	1.09	0.84	1.02	1.07	0.69	0.95	0.91	0.48	0.78	0.94	0.49	0.80	1.02	1.02	1.02	1.01	0.63	0.89	0.91	0.48	0.78	0.86	0.44	0.73	0.83	0.40	0.70
Slovakia	1.87	2.67	2.28	1.35	1.10	1.23	1.21	0.73	0.96	1.12	0.53	0.82	1.06	0.40	0.73	1.05	0.37	0.71	1.35	1.10	1.23	1.12	0.53	0.82	1.06	0.40	0.73	1.05	0.37	0.71	1.06	0.37	0.71
Slovenia	2.88	2.88	2.88	2.42	1.92	2.08	2.36	1.50	1.78	2.33	1.76	1.94	2.32	1.64	1.85	2.31	1.79	1.96	2.42	1.92	2.08	2.33	1.76	1.94	2.32	1.64	1.85	2.31	1.71	1.90	2.31	1.56	1.80
Spain	2.53	2.53	2.53	1.51	1.27	1.36	1.02	0.79	0.88	2.86	1.51	2.02	3.96	0.84	2.01	4.34	0.74	2.09	1.51	1.27	1.36	1.51	1.27	1.36	1.18	0.97	1.05	1.26	0.86	1.01	1.26	0.91	1.04
Sweden	2.48	2.76	2.64	1.43	1.10	1.24	1.30	0.89	1.06	1.24	0.89	1.03	1.20	0.76	0.94	1.19	0.94	1.04	1.43	1.10	1.24	1.43	1.06	1.21	1.36	0.94	1.11	1.37	0.96	1.13	1.37	0.96	1.13
Switzerland	6.30	4.19	5.06	6.11	1.41	3.35	6.14	1.43	3.38	6.18	1.46	3.41	6.06	1.37	3.31	6.18	1.46	3.41	6.11	1.41	3.35	6.11	1.41	3.35	6.20	1.75	3.59	6.17	1.79	3.60	6.17	1.79	3.60
United Kingdom	1.98	1.83	1.91	1.37	1.47	1.42	1.28	1.23	1.25	1.21	0.80	1.01	1.30	0.52	0.93	1.38	0.76	1.09	1.37	1.47	1.42	1.28	0.92	1.11	1.24	0.60	0.94	1.28	0.66	0.99	1.25	0.51	0.90
EU/EEA	2.24	2.16	2.21	1.62	1.16	1.39	1.43	0.91	1.17	1.53	0.87	1.20	1.61	0.67	1.12	1.82	0.93	1.33	1.62	1.16	1.39	1.46	0.95	1.21	1.38	0.78	1.08	1.39	0.82	1.11	1.38	0.86	1.12

Aggregated Operator Data
Operators Best Available Tariff (Adjusted)

Operator	Country	Usage-only Case 1		Usage-only Case 2		Usage-only Case 3		Usage-only Case 4		Usage-only Case 5		Usage-only Case 6		Usage & Duration Case 1		Usage & Duration Case 2		Usage & Duration Case 3		Usage & Duration Case 4		Usage & Duration Case 5	
		Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid
3	Austria	0.71	0.71	0.71	0.71	0.71	0.67	0.71	0.33	0.71	0.45	0.71	0.37	0.71	0.71	0.71	0.33	0.71	0.45	0.71	0.37	0.71	0.37
Orange	Austria	-	4.17	-	0.83	-	0.42	-	0.21	-	0.08	-	0.13	-	0.83	-	0.21	-	0.08	-	0.13	-	0.06
A1 Telekom (Telekom Austria)	Austria	-	3.42	-	0.82	-	0.41	-	0.20	-	0.33	-	0.17	-	0.82	-	0.20	-	0.33	-	0.17	-	1.65
T-Mobile	Austria	1.67	1.25	1.67	1.25	1.67	1.25	1.67	1.04	1.67	1.25	1.67	0.74	1.67	1.25	1.67	1.04	1.67	1.25	1.67	0.74	1.67	0.37
Base	Belgium	2.73	2.73	1.49	1.49	0.74	0.74	0.54	0.54	0.41	0.41	0.37	0.37	1.49	1.49	0.54	0.54	0.41	0.41	0.37	0.37	0.34	0.34
Mobistar	Belgium	1.65	1.65	0.83	0.83	1.16	1.16	0.62	0.62	0.25	0.25	0.87	0.87	0.83	0.83	0.83	0.83	0.40	0.40	0.95	0.95	0.48	0.48
Proximus	Belgium	20.66	20.00	4.13	4.00	2.07	2.00	1.03	1.00	0.83	0.40	0.62	1.70	4.13	4.00	1.03	1.00	0.83	0.40	0.62	1.70	0.52	2.35
Vivacom	Bulgaria	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
Globul	Bulgaria	-	7.60	-	1.95	-	1.70	-	1.65	-	1.30	-	1.27	-	1.95	-	1.65	-	1.30	-	1.27	-	1.25
M-Tel	Bulgaria	2.07	2.07	1.69	1.69	0.85	0.85	0.83	0.83	0.81	0.81	0.70	0.70	1.69	1.69	0.83	0.83	0.81	0.81	0.70	0.70	0.69	0.69
MTN	Cyprus	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
Cytamobile (Vodafone)	Cyprus	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66	1.23	0.66
Vodafone	Czech Republic	-	1.03	-	0.34	-	0.17	-	0.09	-	0.03	-	0.02	-	0.34	-	0.30	-	0.12	-	0.06	-	0.03
O2	Czech Republic	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.41
T-Mobile	Czech Republic	0.99	0.99	1.02	1.02	0.51	0.51	0.25	0.25	0.27	0.27	0.17	0.17	1.02	1.02	0.84	0.84	0.33	0.33	0.17	0.17	0.08	0.08
3	Denmark	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.64	1.88	1.46	1.88	1.40	1.88	1.88	1.88	1.64	1.88	1.46	1.88	1.40	1.88	1.37
Telia	Denmark	1.07	1.07	0.21	0.21	0.11	0.11	0.05	0.05	0.02	0.02	0.01	0.01	0.21	0.21	0.21	0.21	0.15	0.15	0.16	0.16	0.16	0.16
Telenor	Denmark	3.35	3.35	1.81	1.81	1.36	1.36	1.14	1.14	1.01	1.01	0.96	0.96	1.81	1.81	1.14	1.14	1.01	1.01	0.96	0.96	0.94	0.94
Elisa	Estonia	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
EMT	Estonia	2.13	2.13	1.03	1.03	0.51	0.51	0.26	0.26	0.21	0.21	1.17	1.17	1.03	1.03	1.03	1.03	0.72	0.72	0.77	0.77	0.77	0.77
Tele2	Estonia	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66
Alands Mobiltelefon	Finland	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
DNA	Finland	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02
Sonera (TeliaSonera)	Finland	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
Elisa (Saunalahti)	Finland	2.46	2.46	1.20	1.20	1.20	1.20	1.20	1.20	0.60	0.60	0.60	0.60	1.20	1.20	1.20	1.20	0.60	0.60	0.60	0.60	0.60	0.60
SFR	France	1.25	1.25	2.26	0.84	1.59	0.42	0.79	0.42	0.99	0.67	2.17	0.75	2.26	0.84	0.79	0.79	0.99	0.59	0.84	0.63	0.84	0.63
Orange	France	1.67	1.67	0.84	0.84	0.42	0.42	0.63	0.63	0.25	0.25	2.22	2.22	0.84	0.84	0.84	0.84	0.59	0.59	0.63	0.63	0.63	0.63
O2 (Telefónica)	Germany	0.42	1.26	0.42	1.26	0.42	1.26	0.42	0.63	0.42	0.25	0.42	0.76	0.42	1.26	0.42	1.26	0.42	1.76	0.42	1.89	0.42	1.89
E-Plus (KPN)	Germany	0.41	0.41	0.41	0.41	0.41	0.41	0.21	0.41	0.08	0.41	0.25	0.41	0.41	0.21	0.41	0.08	0.41	0.09	0.41	0.09	0.41	0.41
Deutsche Telekom	Germany	1.60	1.60	1.60	0.33	1.60	0.16	1.60	0.17	1.60	0.07	1.60	1.45	1.60	0.33	1.60	0.33	1.60	0.23	1.60	0.25	1.60	0.25
Vodafone	Germany	2.86	1.68	2.86	0.34	2.86	0.17	2.86	0.08	2.86	0.08	2.86	0.05	2.86	0.34	2.86	0.21	2.86	0.08	2.86	0.05	2.86	0.03
Wind	Greece	5.83	5.83	5.83	5.04	5.83	2.52	5.83	1.26	5.83	0.50	5.83	0.25	5.83	5.04	5.83	1.26	5.83	0.50	5.83	0.25	5.83	3.04
Vodafone	Greece	0.80	0.80	0.81	0.81	0.81	0.81	0.61	0.61	0.73	0.73	0.77	0.77	0.81	0.81	0.61	0.61	0.73	0.73	0.77	0.77	0.79	0.79
Cosmote	Greece	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50	-	2.50
Telenor	Hungary	1.77	1.77	1.77	1.77	1.61	1.61	1.69	1.69	1.74	1.74	1.76	1.76	1.77	1.77	1.69	1.69	1.74	1.74	1.76	1.76	1.77	1.77
Vodafone	Hungary	5.87	2.50	5.87	0.50	5.87	0.25	5.87	0.25	5.87	0.10	5.87	0.95	5.87	0.50	5.87	0.50	5.87	0.35	5.87	0.37	5.87	0.37
Magyar Telecom	Hungary	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14	-	6.14
Alterna (WorldCell)	Iceland	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Nova	Iceland	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
Vodafone (Teymi)	Iceland	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Siminn	Iceland	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34
Meteor	Ireland	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
O2	Ireland	4.10	4.12	4.10	0.82	4.10	0.41	4.10	0.21	4.10	0.08	4.10	0.04	4.10	0.82	4.10	0.82	4.10	0.58	4.10	0.62	4.10	0.62
Vodafone	Ireland	2.47	3.72	0.49	0.74	0.25	0.37	0.20	0.19	0.08	0.07	0.77	0.45	0.49	0.74	0.49	0.74	0.35	0.52	0.37	0.45	0.37	0.23
3	Ireland	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
Wind	Italy	3.25	3.25	1.25	1.25	1.00	1.00	0.63	0.63	0.25	0.25	0.13	0.13	1.25	1.25	0.63	0.63	0.25	0.25	0.27	0.27	0.27	0.27
TIM	Italy	1.67	1.67	0.33	0.33	0.17	0.17	0.50	0.50	0.70	0.70	0.77	0.77	0.33	0.33	0.33	0.33	0.23	0.23	0.25	0.25	0.25	0.25
Vodafone	Italy	0.83	0.83	0.83	0.83	0.42	0.42	0.21	0.21	0.08	0.08	0.08	0.08	0.83	0.83	0.42	0.42	0.58	0.58	0.63	0.63	0.63	0.63
3	Italy	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33	1.35	1.33

Aggregated Operator Data
Operators Best Available Tariff (Adjusted)

Operator	Country	Usage-only Case 1		Usage-only Case 2		Usage-only Case 3		Usage-only Case 4		Usage-only Case 5		Usage-only Case 6		Usage & Duration Case 1		Usage & Duration Case 2		Usage & Duration Case 3		Usage & Duration Case 4		Usage & Duration Case 5	
		Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid	Prepaid	Postpaid
Bite	Latvia	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28
LMT (TeliaSonera)	Latvia	3.45	3.45	0.69	0.69	0.34	0.34	0.43	0.43	1.72	1.72	2.80	2.80	0.69	0.69	0.69	0.69	0.48	0.48	0.52	0.52	0.52	0.52
Tele2	Latvia	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21
mobilkom	Liechtenstein	4.00	4.00	3.81	3.81	1.90	1.90	0.95	0.95	1.14	1.14	0.57	0.57	3.81	3.81	0.95	0.95	1.14	1.14	0.57	0.57	2.28	2.28
Orange	Liechtenstein	3.04	3.04	1.52	1.52	0.76	0.76	0.95	0.95	0.38	0.38	0.95	0.95	1.52	1.52	1.52	1.52	1.07	1.07	1.14	1.14	1.14	1.14
Swisscom	Liechtenstein	7.61	5.33	7.61	1.07	7.61	1.07	7.61	1.07	7.61	1.07	7.61	1.07	7.61	1.07	7.61	1.07	7.61	1.49	7.61	1.60	7.61	1.60
Bite	Lithuania	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
Omnitel (TeliaSonera)	Lithuania	1.94	1.94	1.80	1.80	0.90	0.90	0.45	0.45	1.94	1.94	1.94	1.94	1.80	1.80	1.80	1.80	1.26	1.26	1.35	1.35	1.35	1.35
Tele2	Lithuania	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
Orange	Luxembourg	1.74	1.74	0.87	0.87	1.48	1.30	3.35	1.39	4.47	0.80	4.84	1.14	0.87	0.87	0.87	0.87	0.61	0.61	0.65	0.65	0.65	0.63
Tango	Luxembourg	5.00	5.00	1.00	1.00	1.50	0.94	1.75	1.02	1.90	0.72	1.95	0.60	1.00	1.00	1.75	1.02	1.90	0.72	1.95	0.60	1.98	0.63
P&T Luxembourg/LuxGSM	Luxembourg	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75	2.96	2.75
Melita	Malta	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53
Go	Malta	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12	2.97	2.12
Vodafone	Malta	1.48	1.48	1.48	1.48	1.48	1.09	1.48	0.55	1.48	0.81	1.48	1.15	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48	1.48
T-Mobile	Netherlands	-	1.68	-	1.67	-	0.84	-	0.42	-	0.17	-	0.08	-	1.67	-	0.42	-	0.17	-	0.08	-	0.04
Vodafone	Netherlands	1.68	1.68	0.34	0.34	0.17	0.17	0.08	0.08	0.18	0.11	0.22	0.18	0.34	0.34	0.34	0.34	0.24	0.24	0.25	0.25	0.25	0.25
KPN	Netherlands	-	1.47	-	1.47	-	0.84	-	0.42	-	0.17	-	0.08	-	1.47	-	0.42	-	0.17	-	0.08	-	0.25
Network Norway	Norway	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49	1.49
Netcom	Norway	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07
Telenor	Norway	4.10	4.10	0.82	0.82	0.41	0.41	0.72	0.72	0.67	0.67	0.34	0.34	0.82	0.82	0.82	0.82	0.57	0.57	0.61	0.61	0.61	0.61
Era / T-Mobile	Poland	1.65	1.65	1.65	0.70	1.65	1.18	1.65	0.60	1.65	0.24	1.65	0.37	1.65	0.70	1.65	0.70	1.65	0.75	1.65	0.80	1.65	0.80
Orange	Poland	4.12	1.63	4.12	0.98	4.12	0.82	4.12	0.60	4.12	0.24	4.12	0.38	4.12	0.98	4.12	0.60	4.12	0.24	4.12	0.38	4.12	0.98
Plus	Poland	-	3.27	-	1.43	-	1.52	-	2.55	-	1.02	-	2.57	-	1.43	-	2.55	-	1.02	-	2.57	-	3.35
Play	Poland	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Optimus	Portugal	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26
Vodafone	Portugal	2.99	2.99	0.84	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.84	0.84	0.84	0.84	0.95	0.95	0.89	0.89	0.89	0.89
TMN	Portugal	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01
Cosmote	Romania	2.00	2.00	2.00	2.00	2.00	1.00	2.00	0.50	2.00	0.30	2.00	0.25	2.00	2.00	2.00	0.50	2.00	0.30	2.00	0.32	2.00	0.32
Vodafone	Romania	2.60	2.60	0.52	0.52	0.76	0.76	0.75	0.75	0.80	0.80	0.90	0.90	0.52	0.52	0.52	0.52	0.78	0.78	0.69	0.69	0.69	0.69
Orange	Romania	1.68	1.68	0.84	0.84	0.81	0.81	0.75	0.75	0.30	0.30	0.28	0.28	0.84	0.84	0.81	0.81	0.32	0.32	0.28	0.28	0.19	0.19
O2	Slovakia	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
T Mobile	Slovakia	2.20	2.20	1.26	1.26	0.67	0.67	0.34	0.34	0.13	0.13	0.09	0.09	1.26	1.26	0.34	0.34	0.13	0.13	0.09	0.09	0.11	0.11
Orange	Slovakia	1.67	3.39	1.33	0.79	1.49	0.47	1.58	0.30	1.63	0.21	1.64	0.17	1.33	0.79	1.58	0.30	1.63	0.21	1.64	0.17	1.63	0.16
Si.Mobil	Slovenia	5.17	5.17	3.83	2.38	3.67	1.19	3.58	1.94	3.53	1.58	3.52	2.03	3.83	2.38	3.58	1.94	3.53	1.58	3.52	1.79	3.51	1.37
Mobitel	Slovenia	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
Movistar (Telefonica)	Spain	4.00	4.00	2.00	1.50	1.00	0.75	5.50	2.50	8.20	1.00	9.10	1.00	2.00	1.50	2.00	1.50	1.40	1.00	1.50	1.00	1.50	1.00
Orange	Spain	2.00	2.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.20	1.20	1.20	1.20	1.12	1.12	1.20	0.60	1.20	0.80
Yoigo	Spain	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07
Vodafone	Spain	0.80	0.80	0.85	0.74	0.77	0.37	0.53	0.28	0.39	0.15	0.38	0.14	0.85	0.74	0.85	0.74	0.66	0.52	0.70	0.55	0.70	0.55
3	Sweden	-	2.67	-	1.05	-	0.79	-	0.66	-	0.59	-	0.56	-	1.05	-	0.66	-	0.59	-	0.56	-	0.55
Telenor	Sweden	2.72	4.36	2.72	0.87	2.72	0.44	2.72	0.92	2.72	0.37	2.72	1.54	2.72	0.87	2.72	0.87	2.72	0.61	2.72	0.65	2.72	0.65
Tele2	Sweden	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23
Telia	Sweden	2.54	2.54	0.51	0.51	0.25	0.25	0.13	0.13	0.05	0.05	0.03	0.03	0.51	0.51	0.51	0.51	0.36	0.36	0.38	0.38	0.38	0.38
Orange	Switzerland	1.52	1.52	0.61	0.61	0.76	0.76	0.95	0.95	0.38	0.38	0.95	0.95	0.61	0.61	0.61	0.61	1.06	1.06	0.91	0.91	0.91	0.91
Sunrise	Switzerland	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03	-	3.03
Swisscom	Switzerland	7.58	5.31	7.58	1.06	7.58	1.06	7.58	1.06	7.58	1.06	7.58	1.06	7.58	1.06	7.58	1.06	7.58	1.49	7.58	1.59	7.58	1.59
Orange	United Kingdom	3.74	2.80	1.17	1.62	1.17	0.81	1.17	0.41	1.17	0.16	1.17	0.47	1.17	1.62	1.17	0.70	1.17	0.93	1.17	0.47	1.17	0.70
Vodafone	United Kingdom	0.79	0.79	0.37	0.37	0.19	0.19	0.09	0.09	0.50	0.50	0.67	0.67	0.37	0.37	0.37	0.37	0.26	0.26	0.28	0.28	0.28	0.28
O2	United Kingdom	2.80	2.87	2.80	2.87	2.80	2.87	2.80	1.87	2.80	0.75	2.80	1.12	2.80	2.87	2.80	1.87	2.80	0.75	2.80	1.12	2.80	0.56
T-Mobile	United Kingdom	0.93	0.93	0.75	0.75	0.47	0.47	0.23	0.23	0.19	0.19	0.37	0.37	0.75	0.75	0.23	0.23	0.19	0.19	0.37	0.37	0.19	0.19
3 (United Kingdom)	United Kingdom	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

Consolidated Raw Data

Operator Tariffs

Operator	Country	Local Currency	Contract Type	Device type	Plan type	Partners/ network/ country	Allowance Size (MBs)	Price (EUR ex. VAT)	Price per MB (EUR ex. VAT)	Monthly One Off Fee (EUR ex. VAT)	Rolling Monthly Fee (EUR ex. VAT)	Time limit (days)	Excess Limit (MBs)	Excess Unit (MBs)	Excess Price (LCU in. VAT)	Excess Price (LC ex. VAT)	Excess Price (EUR ex. VAT)	Excess Price per MB (EUR ex. VAT)
3	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	20	-	0.33	-	6.67	30	20.00	1.00	0.64	0.54	0.54	0.54
3	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	100	-	0.37	-	36.67	30	100.00	1.00	0.64	0.54	0.54	0.54
3	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	250	-	0.30	-	74.17	30	250.00	1.00	0.64	0.54	0.54	0.54
3	Austria	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	Combined	1	0.71	0.71	-	-	30	-	-	-	-	-	-
Orange	Austria	EUR	Post pay	Mobile and Dongle	Rate per MB	Combined	1	7.33	7.33	-	-	-	-	-	-	-	-	-
Orange	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	50	-	0.08	-	4.17	30	50.00	1.00	1.00	0.83	0.83	0.83
Orange	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	250	-	0.05	-	12.50	30	250.00	1.00	0.30	0.25	0.25	0.25
Orange	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	1,000	-	0.04	-	41.67	30	1,000.00	1.00	0.30	0.25	0.25	0.25
A1 Telekom (Telekom Austria)	Austria	EUR	Post pay	Mobile	Daily Bundle	EU or EEA	5	4.17	0.83	-	-	1	5.00	1.00	4.10	3.42	3.42	3.42
A1 Telekom (Telekom Austria)	Austria	EUR	Post pay	Mobile	Monthly Bundle	EU or EEA	100	-	0.17	-	16.58	30	100.00	1.00	4.10	3.42	3.42	3.42
A1 Telekom (Telekom Austria)	Austria	EUR	Post pay	Mobile	Monthly Bundle	EU or EEA	20	-	0.20	-	4.08	30	20.00	1.00	4.10	3.42	3.42	3.42
A1 Telekom (Telekom Austria)	Austria	EUR	Post pay	Mobile and Dongle	Rate per MB	Combined	1	3.42	3.42	-	-	-	-	-	-	-	-	-
T-Mobile	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	15	-	0.83	-	12.50	30	15.00	1.00	2.00	1.67	1.67	1.67
T-Mobile	Austria	EUR	Post pay	Mobile and Dongle	Rate per MB	Combined	1	1.25	1.25	-	-	-	-	-	-	-	-	-
T-Mobile	Austria	EUR	Pre pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.67	1.67	-	-	-	-	-	-	-	-	-
T-Mobile	Austria	EUR	Post pay	Mobile and Dongle	Monthly Bundle	Partner	200	-	0.37	-	74.17	30	200.00	1.00	2.00	1.67	1.67	1.67
Base	Belgium	EUR	Pre pay & post pay	Mobile	Rate per MB	Combined	1	2.73	2.73	-	-	-	-	-	-	-	-	-
Base	Belgium	EUR	Pre pay & post pay	Mobile	Monthly Bundle	Combined	10	-	0.74	-	7.44	30	10.00	2.50	1.00	0.83	0.83	0.33
Base	Belgium	EUR	Pre pay & post pay	Mobile	Monthly Bundle	Combined	500	-	0.14	-	67.77	30	500.00	1.00	0.90	0.74	0.74	0.74
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	3.00	3.00	-	-	-	-	-	-	-	-	-
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	2	1.65	0.83	-	-	1	2.00	1.00	1.82	1.50	1.50	1.50
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	5	4.13	0.83	-	-	1	5.00	1.00	1.82	1.50	1.50	1.50
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	50	12.40	0.25	-	-	1	50.00	1.00	1.82	1.50	1.50	1.50
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	50	-	0.40	-	20.00	30	50.00	1.00	1.81	1.50	1.50	1.50
Mobistar	Belgium	EUR	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	500	-	0.19	-	95.00	30	500.00	1.00	1.81	1.50	1.50	1.50
Proximus	Belgium	EUR	Post pay	Mobile	Monthly Bundle	EU or EEA	50	-	0.40	-	20.00	30	50.00	1.00	3.63	3.00	3.00	3.00
Proximus	Belgium	EUR	Pre pay	Mobile	Monthly Bundle	EU or EEA	40	-	0.52	-	20.66	30	40.00	40.00	25.00	20.66	20.66	0.52
Vivacom	Bulgaria	BGN	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.08	2.08	-	-	-	-	-	-	-	-	-
Globul	Bulgaria	BGN	Post pay	Mobile	Rate per MB	EU or EEA	1	7.60	7.60	-	-	-	-	-	-	-	-	-
Globul	Bulgaria	BGN	Post pay	Mobile	Monthly Bundle	EU or EEA	5	-	1.95	-	9.73	30	5.00	1.00	4.40	3.67	1.87	1.87
Globul	Bulgaria	BGN	Post pay	Mobile	Monthly Bundle	EU or EEA	10	-	1.70	-	16.95	30	10.00	1.00	3.80	3.17	1.61	1.61
Globul	Bulgaria	BGN	Post pay	Mobile	Monthly Bundle	EU or EEA	50	-	1.30	-	64.96	30	50.00	1.00	2.90	2.42	1.23	1.23
M-Tel	Bulgaria	BGN	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.66	1.66	0.42	-	30	-	-	-	-	-	-
M-Tel	Bulgaria	BGN	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	10	-	0.85	-	8.45	30	10.00	1.00	1.90	1.58	0.81	0.81
M-Tel	Bulgaria	BGN	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	60	-	0.71	-	42.44	30	60.00	1.00	1.60	1.33	0.68	0.68
MTN	Cyprus	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.40	2.40	-	-	-	-	-	-	-	-	-
Cytmobile (Vodafone)	Cyprus	EUR	Post pay	Mobile and Dongle	Rate per MB	Combined	1	0.66	0.66	-	-	-	-	-	-	-	-	-
Cytmobile (Vodafone)	Cyprus	EUR	Pre pay	Mobile and Dongle	Rate per MB	Combined	1	1.23	1.23	-	-	-	-	-	-	-	-	-
Vodafone	Czech Republic	CZK	Post pay	Mobile and Dongle	Daily Bundle	EU	5	2.73	0.55	-	-	1	5.00	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile and Dongle	Daily Bundle	EU	50	11.96	0.24	-	-	1	50.00	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile	Rate per MB	EU or EEA	1	1.03	1.03	-	-	-	-	-	-	-	-	-
Vodafone	Czech Republic	CZK	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	200	-	0.27	-	54.69	30	200.00	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile	Daily Bundle	EU or EEA	150	1.71	0.01	-	-	1	150	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile	Daily Bundle	EU or EEA	600	1.71	0.00	-	-	1	600	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile	Monthly Bundle	EU or EEA	150	-	0.04	-	6.05	30	150	1.00	30.00	25.00	1.03	1.03
Vodafone	Czech Republic	CZK	Post pay	Mobile	Monthly Bundle	EU or EEA	600	-	0.01	-	6.05	30	600	1.00	30.00	25.00	1.03	1.03
O2	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	0.82	0.82	-	-	-	-	-	-	-	-	-
O2	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	2	-	1.03	-	2.05	30	2.00	1.00	24.00	20.00	0.82	0.82
O2	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	4	-	1.03	-	4.10	30	4.00	1.00	24.00	20.00	0.82	0.82
O2	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	10	-	0.82	-	8.20	30	10.00	1.00	24.00	20.00	0.82	0.82
O2	Czech Republic	CZK	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	50	-	0.82	-	41.02	30	50.00	1.00	24.00	20.00	0.82	0.82
O2	Czech Republic	CZK	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	250	-	0.33	-	81.63	30	250	1	1.92	1.60	0.07	0.07
T-Mobile	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	2.05	2.05	-	-	-	-	-	-	-	-	-
T-Mobile	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	3	0.99	0.33	-	-	1	3.00	17.00	120.00	100.00	4.10	0.24
T-Mobile	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	20	5.09	0.25	-	-	1	20.00	1.00	60.00	50.00	2.05	2.05
T-Mobile	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	200	-	0.08	-	16.75	30	200.00	1.00	60.00	50.00	2.05	2.05
T-Mobile	Czech Republic	CZK	Pre pay & post pay	Mobile and Dongle	Weekly Bundle	EU or EEA	50	-	0.37	-	18.46	7	50.00	1.00	60.00	50.00	2.05	2.05
3	Denmark	DKK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.88	1.88	-	-	-	-	-	-	-	-	-
3	Denmark	DKK	Post pay	Mobile	Monthly Bundle	EU or EEA	1	1.34	1.34	-	7.40	30	1	1	12.50	10.00	1.34	1.34
Telia	Denmark	DKK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.15	2.15	-	-	1	12.5	87.5	0	0.00	0.00	0.00
Telia	Denmark	DKK	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	100	26.82	0.27	-	-	1	100	1	10	8.00	1.07	1.07
Telia	Denmark	DKK	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	3	1.07	0.36	-	-	1	3.00	17.00	0.00	0.00	0.00	0.00
Telia	Denmark	DKK	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	20	3.22	0.16	-	-	1	30.00	20.00	30.00	24.00	3.22	0.16
Telenor	Denmark	DKK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	3.35	3.35	-	-	-	-	-	-	-	-	-
Telenor	Denmark	DKK	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	Combined	1	0.92	0.92	-	5.36	30	1	1	8.55	6.84	0.92	0.92

Consolidated Raw Data

Operator Tariffs

Operator	Country	Local Currency	Contract Type	Device type	Plan type	Partners/ network/ country	Allowance Size (MBs)	Price (EUR ex. VAT)	Price per MB (EUR ex. VAT)	Monthly One Off Fee (EUR ex. VAT)	Rolling Monthly Fee (EUR ex. VAT)	Time limit (days)	Excess Limit (MBs)	Excess Unit (MBs)	Excess Price (LCU in. VAT)	Excess Price (LC ex. VAT)	Excess Price (EUR ex. VAT)	Excess Price per MB (EUR ex. VAT)
Elisa	Estonia	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.25	1.25	-	-	-	-	-	-	-	-	-
EMT	Estonia	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	Combined	20	5.13	0.26	-	-	1	20.00	1	2.55	2.13	2.13	2.13
EMT	Estonia	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	Combined	50	10.29	0.21	-	-	1	50.00	1	2.55	2.13	2.13	2.13
EMT	Estonia	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	2.13	2.13	-	-	-	-	-	-	-	-	-
Tele2	Estonia	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.66	2.66	-	-	-	-	-	-	-	-	-
Alands Mobiltelefon	Finland	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	0.12	0.12	-	-	-	-	-	-	-	-	-
DNA	Finland	EUR	Pre pay & post pay	Mobile	Rate per MB	Combined	1	4.02	4.02	-	-	-	-	-	-	-	-	-
Sonera (TeliaSonera)	Finland	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.97	1.97	-	-	-	-	-	-	-	-	-
Elisa (Saunalahti)	Finland	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU	5.00	6.00	1.20	-	-	30	5	5.00	7.38	6.00	6.00	1.20
Elisa (Saunalahti)	Finland	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU	50.00	30.00	0.60	-	-	30	50	50.00	36.90	30.00	30.00	0.60
Elisa (Saunalahti)	Finland	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.46	2.46	-	-	-	-	-	-	-	-	-
SFR	France	EUR	Post pay	Mobile	Daily Bundle	EU or EEA	15	4.18	0.28	-	-	1	15.00	1.00	1.00	0.84	0.84	0.84
SFR	France	EUR	Pre pay & post pay	Mobile	Weekly Bundle	EU or EEA	40	-	0.40	-	15.89	7	40.00	1.00	4.00	3.34	3.34	3.34
SFR	France	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	2	1.25	0.63	-	-	-	2.00	1.00	4.00	3.34	3.34	3.34
Orange	France	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	4.18	0.42	-	-	1	10.00	1.00	5.00	4.18	4.18	4.18
Orange	France	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	4.18	4.18	-	-	-	-	-	-	-	-	-
Orange	France	EUR	Pre pay & post pay	Mobile	Weekly Bundle	EU or EEA	3	-	1.39	-	4.18	7	3.00	1.00	5.00	4.18	4.18	4.18
Orange	France	EUR	Pre pay & post pay	Mobile	Weekly Bundle	EU or EEA	20	-	0.84	-	16.72	7	20.00	1.00	5.00	4.18	4.18	4.18
Orange	France	EUR	Pre pay & post pay	Mobile	Weekly Bundle	EU or EEA	50	-	0.59	-	29.26	7	50.00	1.00	5.00	4.18	4.18	4.18
Orange	France	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	2	1.67	0.84	-	-	1.00	2.00	1.00	5.00	4.18	4.18	4.18
Orange	France	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	50	12.54	0.25	-	-	1.00	50.00	1.00	5.00	4.18	4.18	4.18
O2 (Telefónica)	Germany	EUR	Post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.26	1.26	-	-	-	40.00	-	-	-	-	-
O2 (Telefónica)	Germany	EUR	Post pay	Mobile and Dongle	Daily Bundle	EU or EEA	50	12.61	0.25	-	-	1	50.00	1.00	1.50	1.26	1.26	1.26
O2 (Telefónica)	Germany	EUR	Pre pay	Mobile and Dongle	Rate per MB	EU or EEA	1	0.42	0.42	-	-	-	-	-	-	-	-	-
E-Plus (KPN)	Germany	EUR	Post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	0.41	0.41	-	-	-	-	-	-	-	-	-
E-Plus (KPN)	Germany	EUR	Pre pay	Mobile and Dongle	Weekly Bundle	EU or EEA	50	-	0.08	-	4.19	7	50.00	1.00	0.49	0.41	0.41	0.41
E-Plus (KPN)	Germany	EUR	Pre pay	Mobile and Dongle	Rate per MB	EU or EEA	1	0.41	0.41	-	-	-	-	-	-	-	-	-
Deutsche Telekom	Germany	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.60	1.60	-	-	-	-	-	-	-	-	-
Deutsche Telekom	Germany	EUR	Post pay	Mobile and Dongle	Daily Bundle	EU or EEA	10	1.64	0.16	-	-	1	10	1	1.9	1.60	1.60	1.60
Deutsche Telekom	Germany	EUR	Post pay	Mobile and Dongle	Daily Bundle	EU or EEA	50	3.50	0.07	-	-	1	50	1.00	3.40	2.86	2.86	2.86
Vodafone	Germany	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	2.86	2.86	-	-	-	-	-	-	-	-	-
Vodafone	Germany	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	1,000	-	0.01	-	5.03	30	1,000.00	1.00	3.40	2.86	2.86	2.86
Vodafone	Germany	EUR	Post pay	Mobile	Daily Bundle	EU or EEA	25	1.68	0.07	-	-	1	25.00	1.00	3.40	2.86	2.86	2.86
Vodafone	Germany	EUR	Post pay	Mobile	Weekly Bundle	EU or EEA	50	4.20	0.08	-	-	7	50.00	1.00	3.40	2.86	2.86	2.86
Wind	Greece	EUR	Post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	5.83	5.83	-	-	-	-	-	-	-	-	-
Wind	Greece	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	100	-	0.25	-	25.20	30	100.00	1.00	7.17	5.83	5.83	5.83
Wind	Greece	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	80	-	0.51	-	41.18	30	80.00	1.00	7.17	5.83	5.83	5.83
Wind	Greece	EUR	Pre pay	Mobile and Dongle	Rate per MB	EU or EEA	1	5.83	5.83	-	-	-	-	-	-	-	-	-
Vodafone	Greece	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	1	0.80	0.80	-	-	1	1.00	4.00	4.01	3.26	3.26	0.82
Vodafone	Greece	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	5	4.07	0.81	-	-	1.00	5.00	1.00	0.99	0.81	0.81	0.81
Vodafone	Greece	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	20	-	0.61	-	12.20	30	20.00	1.00	0.99	0.81	0.81	0.81
Vodafone	Greece	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	8.41	8.41	-	-	-	-	-	-	-	-	-
Cosmote	Greece	EUR	Post pay	Mobile	Rate per MB	Combined	1	2.50	2.50	-	-	-	-	-	-	-	-	-
Telenor	Hungary	HUF	Pre pay & post pay	Mobile	Monthly Bundle	Combined	10	-	1.61	-	16.07	30.00	10.00	1.00	590.00	472.00	1.77	1.77
Telenor	Hungary	HUF	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.77	1.77	-	-	-	-	-	-	-	-	-
Vodafone	Hungary	HUF	Post pay	Mobile	Daily Bundle	Combined	5	3.88	0.78	-	-	1	5.00	1.00	1,952.80	1,562.24	5.87	5.87
Vodafone	Hungary	HUF	Pre pay & post pay	Mobile	Rate per MB	Combined	1	5.87	5.87	-	-	-	-	-	-	-	-	-
Vodafone	Hungary	HUF	Post pay	Mobile	Daily Bundle	Combined	10	2.50	0.25	-	-	1	10.00	1.00	1,952.80	1,562.24	5.87	5.87
Vodafone	Hungary	HUF	Post pay	Mobile	Daily Bundle	EU or EEA	50	5.08	0.10	-	-	1	50.00	1.00	600.00	480.00	1.80	1.80
Magyar Telecom	Hungary	HUF	Post pay	Mobile	Rate per MB	EU or EEA	1	6.14	6.14	-	-	-	-	-	-	-	-	-
Alterna (WorldCell)	Iceland	ISK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.34	1.34	-	-	-	-	-	-	-	-	-
Nova	Iceland	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.59	1.59	-	-	-	-	-	-	-	-	-
Vodafone (Teymi)	Iceland	ISK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.36	1.36	-	-	-	-	-	-	-	-	-
Siminn	Iceland	ISK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.34	1.34	-	-	-	-	-	-	-	-	-
Meteor	Ireland	EUR	Pre pay	Mobile	Rate per MB	EU or EEA	1	0.82	0.82	-	-	-	-	-	-	-	-	-
Meteor	Ireland	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	0.82	0.82	-	-	-	-	-	-	-	-	-
O2	Ireland	EUR	Pre pay	Mobile	Rate per MB	EU or EEA	1	4.10	4.10	-	-	-	-	-	-	-	-	-
O2	Ireland	EUR	Post pay	Mobile	Daily Bundle	EU or EEA	4	4.12	1.03	-	-	1	4.00	46.00	0.00	0.00	0.00	0.00
Vodafone	Ireland	EUR	Pre pay	Mobile	Daily Bundle	Combined	50	3.96	0.08	-	-	1	50.00	1.00	2.01	1.66	1.66	1.66
Vodafone	Ireland	EUR	Pre pay	Mobile	Daily Bundle	EU or EEA	10	2.47	0.25	-	-	1	10.00	1.00	1.00	0.83	0.83	0.83
Vodafone	Ireland	EUR	Post pay	Mobile and Dongle	Daily Bundle	Combined	50	3.72	0.07	-	-	1	50.00	1.00	1.04	0.86	0.86	0.86
Vodafone	Ireland	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	500	-	0.09	-	45.00	30	500.00	1.00	1.21	1.00	1.00	1.00
3	Ireland	EUR	Pre pay & post pay	Mobile	Rate per MB	Combined	1	3.14	3.14	-	-	-	-	-	-	-	-	-
Wind	Italy	EUR	Pre pay & post pay	Mobile and Dongle	Weekly Bundle	EU or EEA	100	-	0.13	-	12.50	7	100.00	1.00	0.90	0.75	0.75	0.75
Wind	Italy	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	0.75	0.75	2.50	-	30	1.00	1.00	0.90	0.75	0.75	0.75

Consolidated Raw Data

Operator Tariffs

Operator	Country	Local Currency	Contract Type	Device type	Plan type	Partners/ network/ country	Allowance Size (MBs)	Price (EUR ex. VAT)	Price per MB (EUR ex. VAT)	Monthly One Off Fee (EUR ex. VAT)	Rolling Monthly Fee (EUR ex. VAT)	Time limit (days)	Excess Limit (MBs)	Excess Unit (MBs)	Excess Price (LCU in. VAT)	Excess Price (LC ex. VAT)	Excess Price (EUR ex. VAT)	Excess Price per MB (EUR ex. VAT)
TIM	Italy	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	6.67	6.67	-	-	-	-	-	-	-	-	-
TIM	Italy	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	1.67	0.17	-	-	1	10.00	1.00	1.00	0.83	0.83	0.83
Vodafone	Italy	EUR	Pre pay & post pay	Mobile	Daily Bundle	Combined	50	4.17	0.08	-	-	1	50.00	1.00	0.10	0.08	0.08	0.08
Vodafone	Italy	EUR	Pre pay & post pay	Mobile	Weekly Bundle	EU or EEA	20	-	0.42	-	8.33	7	20.00	1.00	1.00	0.83	0.83	0.83
Vodafone	Italy	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	1	0.83	0.83	-	-	1	1.00	4.00	4.00	3.33	3.33	0.83
Vodafone	Italy	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	5	4.17	0.83	-	-	1	5.00	1.00	1.00	0.83	0.83	0.83
3	Italy	EUR	Pre pay	Mobile and Dongle	Rate per MB	Combined	1	1.35	1.35	-	-	-	-	-	-	-	-	-
3	Italy	EUR	Post pay	Mobile and Dongle	Rate per MB	Combined	1	1.33	1.33	-	-	-	-	-	-	-	-	-
Bite	Latvia	LVL	Pre pay & post pay	Mobile and Dongle	Rate per MB	Combined	1	4.28	4.28	-	-	-	-	-	-	-	-	-
LMT (TeliaSonera)	Latvia	LVL	Pre pay & post pay	Mobile	Rate per MB	Combined	1	3.57	3.57	-	-	-	-	-	-	-	-	-
LMT (TeliaSonera)	Latvia	LVL	Pre pay & post pay	Mobile	Daily Bundle	Combined	30	8.50	0.28	-	-	1	30.00	1.00	3.38	2.77	3.88	3.88
LMT (TeliaSonera)	Latvia	LVL	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	3.45	0.34	-	-	1	10	1	3.78	3.10	4.34	4.34
Tele2	Latvia	LVL	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.21	2.21	-	-	-	-	-	-	-	-	-
mobilkom	Liechtenstein	CHF	Pre pay & post pay	Mobile	Rate per MB	Combined	1	4.00	4.00	-	-	-	-	-	-	-	-	-
mobilkom	Liechtenstein	CHF	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	20	-	0.95	-	19.03	30	20	1	5	4.88	4.00	4.00
mobilkom	Liechtenstein	CHF	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	100	-	0.57	-	57.09	30	100	1	5	4.88	4.00	4.00
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	5	-	3.04	-	15.22	30	5	1	4	3.72	3.04	3.04
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	50	-	1.52	-	76.12	30	50	1	4	3.72	3.04	3.04
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	100	-	1.14	-	114.18	30	100	1	4	3.72	3.04	3.04
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	2	3.04	1.52	-	-	1	2	1	2	1.86	1.52	1.52
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	7.61	0.76	-	-	1	10	1	2	1.86	1.52	1.52
Orange	Liechtenstein	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	50	19.03	0.38	-	-	1	50	1	2	1.86	1.52	1.52
Swisscom	Liechtenstein	CHF	Post pay	Mobile	Daily Bundle	EU or EEA	5	5.33	1.07	-	-	1	5.00	5.00	7.00	6.51	5.33	1.07
Swisscom	Liechtenstein	CHF	Pre pay	Mobile	Rate per MB	EU or EEA	1	7.61	7.61	-	-	-	-	-	-	-	-	-
Bite	Lithuania	LTL	Pre pay & post pay	Mobile	Rate per MB	Combined	1	4.15	4.15	-	-	-	-	-	-	-	-	-
Omnitel (TeliaSonera)	Lithuania	LTL	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.94	1.94	-	-	-	-	-	-	-	-	-
Omnitel (TeliaSonera)	Lithuania	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	20	9.00	0.45	-	-	1	20	1.00	8.14	6.73	6.73	6.73
Tele2	Lithuania	LTL	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.67	1.67	-	-	-	-	-	-	-	-	-
Orange	Luxembourg	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	10	-	1.30	-	13.04	30	10.00	1.00	1.70	1.48	1.48	1.48
Orange	Luxembourg	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	25	-	1.22	-	30.43	30	25.00	1.00	1.70	1.48	1.48	1.48
Orange	Luxembourg	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	50	-	0.80	-	40.00	30	50.00	1.00	1.70	1.48	1.48	1.48
Orange	Luxembourg	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	250	-	0.50	-	125.22	30	250.00	1.00	1.70	1.48	1.48	1.48
Orange	Luxembourg	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	500	-	0.40	-	200.00	30	500.00	1.00	1.70	1.48	1.48	1.48
Orange	Luxembourg	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	2	1.74	0.87	-	-	1	2.00	1.00	6.00	5.22	5.22	5.22
Orange	Luxembourg	EUR	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	8	4.35	0.54	-	-	1	8.00	1.00	6.00	5.22	5.22	5.22
Orange	Luxembourg	EUR	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	5.22	5.22	-	-	-	-	-	-	-	-	-
Tango	Luxembourg	EUR	Post pay	Mobile	Monthly Bundle	Combined	10	-	0.94	-	9.43	30	10.00	1.00	2.30	2.00	2.00	2.00
Tango	Luxembourg	EUR	Post pay	Mobile	Monthly Bundle	Combined	25	-	0.82	-	20.49	30	25.00	1.00	2.30	2.00	2.00	2.00
Tango	Luxembourg	EUR	Post pay	Mobile	Monthly Bundle	Combined	50	-	0.72	-	36.00	30	50.00	1.00	2.30	2.00	2.00	2.00
Tango	Luxembourg	EUR	Post pay	Mobile	Monthly Bundle	Combined	100	-	0.60	-	60.17	30	100.00	1.00	2.30	2.00	2.00	2.00
Tango	Luxembourg	EUR	Post pay	Mobile	Monthly Bundle	Combined	300	-	0.42	-	125.39	30	300.00	1.00	2.30	2.00	2.00	2.00
Tango	Luxembourg	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	5	-	1.00	-	5.00	30	5	1.00	2.30	2.00	2.00	2.00
P&T Luxembourg/LuxGSM	Luxembourg	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	2.75	2.75	-	-	-	-	-	-	-	-	-
P&T Luxembourg/LuxGSM	Luxembourg	EUR	Pre Pay	Mobile	Rate per MB	EU or EEA	1	2.96	2.96	-	-	-	-	-	-	-	-	-
Melita	Malta	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.53	2.53	-	-	-	-	-	-	-	-	-
Go	Malta	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	2.12	2.12	-	-	-	-	-	-	-	-	-
Go	Malta	EUR	Pre pay	Mobile	Rate per MB	EU or EEA	1	2.97	2.97	-	-	-	-	-	-	-	-	-
Vodafone	Malta	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.48	1.48	-	-	-	-	-	-	-	-	-
Vodafone	Malta	EUR	Post pay	Mobile and Dongle	Daily Bundle	Combined	30	10.93	0.36	-	-	1	30.00	1.00	1.75	1.48	1.48	1.48
T-Mobile	Netherlands	EUR	Post pay	Mobile	Monthly Bundle	EU or EEA	500	-	0.02	-	8.36	30	500.00	1.00	2.00	1.68	1.68	1.68
T-Mobile	Netherlands	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	1.68	1.68	-	-	-	-	-	-	-	-	-
Vodafone	Netherlands	EUR	Post pay	Mobile	Rate per MB	Combined	1	2.43	2.43	-	-	-	-	-	-	-	-	-
Vodafone	Netherlands	EUR	Pre pay	Mobile	Rate per MB	Combined	1	2.76	2.76	-	-	-	-	-	-	-	-	-
Vodafone	Netherlands	EUR	Pre pay & post pay	Mobile	Daily Bundle	Combined	35	13.13	0.38	-	-	1	35.00	1.00	0.82	0.69	0.69	0.69
Vodafone	Netherlands	EUR	Pre pay & Post pay	Mobile	Daily Bundle	EU	20	1.68	0.08	-	-	1	20.00	1.00	0.30	0.25	0.25	0.25
Vodafone	Netherlands	EUR	Post pay	Mobile	Daily Bundle	EU	35	1.68	0.05	-	-	1	35.00	1.00	0.30	0.25	0.25	0.25
KPN	Netherlands	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	1.47	1.47	-	-	-	-	-	-	-	-	-
KPN	Netherlands	EUR	Post pay	Mobile	Monthly Bundle	EU or EEA	100	-	0.08	-	8.40	30	100.00	1.00	0.50	0.42	0.42	0.42
Network Norway	Norway	NOK	Pre pay & post pay	Mobile	Rate per MB	Combined	1	1.49	1.49	-	-	-	-	-	-	-	-	-
Netcom	Norway	NOK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	3.07	3.07	-	-	-	-	-	-	-	-	-
Telenor	Norway	NOK	Pre pay & post pay	Mobile and Dongle	Daily Bundle	Combined	150	33.57	0.22	-	-	1	150.00	1.00	10.00	8.00	1.02	1.02
Telenor	Norway	NOK	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	4.10	0.41	-	-	1	10.00	1.00	10.00	8.00	1.02	1.02
Era / T-Mobile	Poland	PLN	Post pay	Mobile	Daily Bundle	EU	4	1.84	0.46	-	-	1	4.00	1.00	8.10	6.59	1.65	1.65
Era / T-Mobile	Poland	PLN	Post pay	Mobile	Daily Bundle	EU	50	12.05	0.24	-	-	1	50.00	1.00	8.10	6.59	1.65	1.65
Era / T-Mobile	Poland	PLN	Post pay	Mobile	Weekly Bundle	EU	500	20.21	0.04	-	37.42	7	500.00	1.00	8.10	6.59	1.65	1.65

Consolidated Raw Data

Operator Tariffs

Operator	Country	Local Currency	Contract Type	Device type	Plan type	Partners/ network/ country	Allowance Size (MBs)	Price (EUR ex. VAT)	Price per MB (EUR ex. VAT)	Monthly One Off Fee (EUR ex. VAT)	Rolling Monthly Fee (EUR ex. VAT)	Time limit (days)	Excess Limit (MBs)	Excess Unit (MBs)	Excess Price (LCU in. VAT)	Excess Price (LC ex. VAT)	Excess Price (EUR ex. VAT)	Excess Price per MB (EUR ex. VAT)
Era / T-Mobile	Poland	PLN	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.65	1.65	-	-	-	-	-	-	-	-	-
Orange	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	3	-	6.64	-	19.93	30	3.00	-	-	-	-	-
Orange	Poland	PLN	Post pay	Mobile	Daily Bundle	EU or EEA	50	12.05	0.24	-	-	30	50.00	-	-	-	-	-
Orange	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	100	-	0.38	-	37.77	30	100.00	-	-	-	-	-
Orange	Poland	PLN	Post pay	Mobile	Daily Bundle	EU or EEA	2	1.63	0.82	-	-	1	2.00	2.00	8.00	6.50	1.63	0.82
Orange	Poland	PLN	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	4.12	4.12	-	-	-	-	-	-	-	-	-
Plus	Poland	PLN	Post pay	Mobile	Rate per MB	EU or EEA	1	4.12	4.12	-	-	-	-	-	-	-	-	-
Plus	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	2	-	1.63	-	3.27	30.00	2.00	1.00	20.20	16.42	4.12	4.12
Plus	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	5	-	1.43	-	7.15	30.00	5.00	1.00	20.20	16.42	4.12	4.12
Plus	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	9	-	1.23	-	11.03	30.00	9.00	1.00	20.20	16.42	4.12	4.12
Plus	Poland	PLN	Post pay	Mobile	Monthly Bundle	EU or EEA	50	-	1.02	-	51.04	30.00	50.00	1.00	20.20	16.42	4.12	4.12
Play	Poland	PLN	Pre pay & post pay	Mobile	Rate per MB	EU	1	1.02	1.02	-	-	-	-	-	-	-	-	-
Play	Poland	PLN	Pre pay & post pay	Mobile	Rate per MB	EU	1	4.08	4.08	-	-	-	-	-	-	-	-	-
Optimus	Portugal	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	4.26	4.26	-	-	-	-	-	-	-	-	-
Vodafone	Portugal	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	5	4.22	0.84	-	-	1	5.00	1.00	1.04	0.85	0.85	0.85
Vodafone	Portugal	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.99	2.99	-	-	-	-	-	-	-	-	-
TMN	Portugal	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	3.01	3.01	-	-	-	-	-	-	-	-	-
Cosmote	Romania	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.00	2.00	-	-	-	-	-	-	-	-	-
Cosmote	Romania	EUR	Post pay	Mobile	Weekly Bundle	EU or EEA	25	-	0.40	-	10.00	7	25.00	1.00	2.48	2.00	2.00	2.00
Cosmote	Romania	EUR	Post pay	Mobile	Weekly Bundle	EU or EEA	50	-	0.30	-	15.00	7	50.00	1.00	2.48	2.00	2.00	2.00
Cosmote	Romania	EUR	Post pay	Mobile	Weekly Bundle	EU or EEA	100	-	0.25	-	25.00	7	100.00	1.00	2.48	2.00	2.00	2.00
Vodafone	Romania	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	4.03	4.03	-	-	-	-	-	-	-	-	-
Vodafone	Romania	EUR	Pre pay & post pay	Mobile	Daily Bundle	Combined	5	2.60	0.52	-	-	1	5.00	1.00	1.24	1.00	1.00	1.00
Vodafone	Romania	EUR	Pre pay & post pay	Mobile	Weekly Bundle	Combined	25	15.00	0.60	-	-	7	25.00	1.00	1.24	1.00	1.00	1.00
Orange	Romania	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	2	1.68	0.84	-	-	1	2.00	1.00	1.04	0.84	0.84	0.84
Orange	Romania	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	15	-	0.54	-	8.06	30	15.00	1.00	2.00	1.61	1.61	1.61
Orange	Romania	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	50	-	0.32	-	16.13	30	50.00	1.00	2.00	1.61	1.61	1.61
Orange	Romania	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	60	15.00	0.25	-	-	2	60.00	1.00	4.96	4.00	4.00	4.00
Orange	Romania	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	150	-	0.19	-	28.23	30	150.00	1.00	0.23	0.19	0.19	0.19
Orange	Romania	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	3.63	3.63	-	-	-	-	-	-	-	-	-
O2	Slovakia	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.67	1.67	-	-	-	-	-	-	-	-	-
T Mobile	Slovakia	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.20	2.20	-	-	-	-	-	-	-	-	-
T Mobile	Slovakia	EUR	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	3	-	0.98	-	2.94	30	3.00	1.00	2.00	1.67	1.67	1.67
T Mobile	Slovakia	EUR	Pre pay & post pay	Mobile	Monthly Bundle	Own Network	80	-	0.08	-	6.71	30	80.00	1.00	0.16	0.13	0.13	0.13
Orange	Slovakia	EUR	Post pay	Mobile	Rate per MB	Combined	1	0.14	0.14	3.25	-	-	-	-	-	-	-	-
Orange	Slovakia	EUR	Pre pay	Mobile	Monthly Bundle	EU or EEA	2	-	0.83	-	1.67	30	2.00	1.00	1.99	1.66	1.66	1.66
Orange	Slovakia	EUR	Pre pay	Mobile	Monthly Bundle	EU or EEA	10	-	1.97	-	19.72	30	10.00	1.00	1.94	1.61	1.61	1.61
Orange	Slovakia	EUR	Post pay	Mobile	Rate per MB	EU or EEA	1	4.83	4.83	-	-	-	-	-	-	-	-	-
Si.Mobil	Slovenia	EUR	Post pay	Mobile	Monthly Bundle	Combined	15	-	1.57	-	23.50	30	15.00	1.00	4.20	3.50	3.50	3.50
Si.Mobil	Slovenia	EUR	Post pay	Mobile	Monthly Bundle	Combined	60	-	1.32	-	79.00	30	60.00	1.00	4.20	3.50	3.50	3.50
Si.Mobil	Slovenia	EUR	Post pay	Mobile	Monthly Bundle	Combined	180	-	1.13	-	203.25	30	180.00	1.00	4.20	3.50	3.50	3.50
Si.Mobil	Slovenia	EUR	Post pay	Mobile	Daily Bundle	Combined	10	11.92	1.19	-	-	1	10.00	1.00	4.20	3.50	3.50	3.50
Si.Mobil	Slovenia	EUR	Post pay	Mobile	Weekly Bundle	Combined	30	38.75	1.29	-	-	7	30.00	1.00	4.20	3.50	3.50	3.50
Si.Mobil	Slovenia	EUR	Pre pay & post pay	Mobile	Rate per MB	Combined	1	3.50	3.50	1.67	-	-	-	-	-	-	-	-
Mobitel	Slovenia	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	1.67	1.67	-	-	-	-	-	-	-	-	-
Movistar (Telefonica)	Spain	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU	1	4.00	4.00	-	-	1	10.00	10.00	100.00	100.00	100.00	10.00
Movistar (Telefonica)	Spain	EUR	Post pay	Mobile	Daily Bundle	Combined	10	7.50	0.75	-	-	1	10.00	10.00	100.00	100.00	100.00	10.00
Movistar (Telefonica)	Spain	EUR	Pre pay	Mobile	Daily Bundle	EU	10	10.00	1.00	-	-	1	10.00	10.00	100.00	100.00	100.00	10.00
Movistar (Telefonica)	Spain	EUR	Post pay	Mobile	Monthly Bundle	EU	50	-	1.00	-	50.00	30	50.00	1.00	1.00	1.00	1.00	1.00
Orange	Spain	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	2	2.00	1.00	-	-	1	2.00	2.00	2.00	2.00	2.00	1.00
Orange	Spain	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	10.00	1.00	-	-	1	10.00	10.00	10.00	10.00	10.00	1.00
Orange	Spain	EUR	Post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	100	-	0.60	-	60.00	30	100.00	10.00	10.00	10.00	10.00	1.00
Yoigo	Spain	EUR	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	3.07	3.07	-	-	-	-	-	-	-	-	-
Vodafone	Spain	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	1	0.80	0.80	-	-	1	1.00	1.00	1.02	1.02	1.02	1.02
Vodafone	Spain	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	5	4.24	0.85	-	-	1	5.00	5.00	4.24	4.24	4.24	0.85
Vodafone	Spain	EUR	Post pay	Mobile	Daily Bundle	EU or EEA	19	3.68	0.19	-	-	1	19.00	19.00	1.99	1.99	1.99	0.10
Vodafone	Spain	EUR	Pre pay	Mobile	Daily Bundle	EU or EEA	9	4.68	0.52	-	-	1	9.00	9.00	2.99	2.99	2.99	0.33
3	Sweden	SEK	Post pay	Mobile	Rate per MB	EU or EEA	1	0.53	0.53	2.58	-	-	-	-	-	-	-	-
3	Sweden	SEK	Post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	2.67	2.67	-	-	-	-	-	-	-	-	-
Telenor	Sweden	SEK	Post pay	Mobile	Daily Bundle	Combined	50	18.33	0.37	-	-	1	50.00	1.00	30.50	24.40	2.72	2.72
Telenor	Sweden	SEK	Post pay	Mobile	Daily Bundle	EU or EEA	10	4.36	0.44	-	-	1	10.00	1.00	32.50	26.00	2.89	2.89
Telenor	Sweden	SEK	Pre pay	Mobile	Rate per MB	Combined	1	2.72	2.72	-	-	-	-	-	-	-	-	-
Tele2	Sweden	SEK	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	2.23	2.23	-	-	-	-	-	-	-	-	-
Telia	Sweden	SEK	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	3	2.58	0.89	-	-	1	2.90	17.10	0.00	0.00	0.00	0.00
Telia	Sweden	EUR	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	20	2.54	0.13	-	-	1	29.00	20.00	29.00	23.20	23.20	1.16

Consolidated Raw Data

Operator Tariffs

Operator	Country	Local Currency	Contract Type	Device type	Plan type	Partners/ network/ country	Allowance Size (MBs)	Price (EUR ex. VAT)	Price per MB (EUR ex. VAT)	Monthly One Off Fee (EUR ex. VAT)	Rolling Monthly Fee (EUR ex. VAT)	Time limit (days)	Excess Limit (MBs)	Excess Unit (MBs)	Excess Price (LCU in. VAT)	Excess Price (LC ex. VAT)	Excess Price (EUR ex. VAT)	Excess Price per MB (EUR ex. VAT)
Orange	Switzerland	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	4	1.52	0.38	-	-	1	4.00	1.00	2.00	1.85	1.52	1.52
Orange	Switzerland	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	10	7.58	0.76	-	-	1	10.00	1.00	2.00	1.85	1.52	1.52
Orange	Switzerland	CHF	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	50	18.96	0.38	-	-	1	50.00	1.00	2.00	1.85	1.52	1.52
Orange	Switzerland	CHF	Post pay	Mobile	Rate per MB	EU or EEA	1	6.07	6.07	-	-	-	-	-	-	-	-	-
Orange	Switzerland	CHF	Post pay	Mobile	Monthly Bundle	EU or EEA	5	-	3.03	-	15.17	30	5.00	1.00	4.00	3.70	3.03	3.03
Orange	Switzerland	CHF	Post pay	Mobile	Monthly Bundle	EU or EEA	50	-	1.52	-	75.84	30	50.00	1.00	4.00	3.70	3.03	3.03
Orange	Switzerland	CHF	Post pay	Mobile	Monthly Bundle	EU or EEA	100	-	1.14	-	113.76	30	100.00	1.00	4.00	3.70	3.03	3.03
Orange	Switzerland	CHF	Pre pay	Mobile	Rate per MB	EU or EEA	1	11.38	11.38	-	-	-	-	-	-	-	-	-
Sunrise	Switzerland	CHF	Post pay	Mobile	Rate per MB	EU or EEA	1	3.03	3.03	-	-	-	-	-	-	-	-	-
Swisscom	Switzerland	CHF	Post pay	Mobile	Daily Bundle	EU or EEA	5	5.31	1.06	-	-	1	5.00	5.00	7.00	6.48	5.31	1.06
Swisscom	Switzerland	CHF	Pre pay	Mobile	Rate per MB	EU or EEA	1	7.58	7.58	-	-	-	-	-	-	-	-	-
Orange	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	30	-	0.47	-	14.02	30	30.00	1.00	3.07	2.56	2.87	2.87
Orange	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	150	-	0.31	-	46.74	30	150.00	1.00	3.07	2.56	2.87	2.87
Orange	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	500	-	0.28	-	140.22	30	500.00	1.00	3.07	2.56	2.87	2.87
Orange	United Kingdom	GBP	Post pay	Mobile	Daily Bundle	EU or EEA	50	8.11	0.16	-	-	1	50.00	1.00	3.07	2.56	2.87	2.87
Orange	United Kingdom	GBP	Pre pay	Mobile	Monthly Bundle	EU or EEA	4	-	1.17	-	4.67	30	4.00	1.00	1.25	1.04	1.17	1.17
Orange	United Kingdom	GBP	Pre pay	Mobile	Rate per MB	EU or EEA	1	3.74	3.74	-	-	-	-	-	-	-	-	-
Orange	United Kingdom	GBP	Post pay	Mobile	Rate per MB	EU or EEA	1	2.80	2.80	-	-	-	-	-	-	-	-	-
Vodafone	United Kingdom	GBP	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	0.79	0.79	-	-	-	5.00	5.00	4.25	3.54	3.97	0.79
Vodafone	United Kingdom	GBP	Pre pay & post pay	Mobile	Monthly Bundle	EU or EEA	25	-	0.31	-	7.80	30	25.00	1.00	0.85	0.71	0.79	0.79
Vodafone	United Kingdom	GBP	Pre pay & post pay	Mobile	Rate per MB	EU or EEA	1	0.93	0.93	-	-	-	5.00	5.00	5.00	4.17	4.67	0.93
Vodafone	United Kingdom	GBP	Pre pay	Mobile	Daily Bundle	EU or EEA	1	0.93	0.93	1.87	-	1	5.00	5.00	5.00	4.17	4.67	0.93
Vodafone	United Kingdom	GBP	Pre pay & post pay	Mobile	Daily Bundle	EU or EEA	25	1.87	0.07	-	-	1	25.00	1.00	1.00	0.83	0.93	0.93
Vodafone	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	25	-	0.37	-	9.35	30	25.00	1.00	1.00	0.83	0.93	0.93
O2	United Kingdom	GBP	Pre pay	Mobile	Rate per MB	EU or EEA	1	2.80	2.80	-	-	-	-	-	-	-	-	-
O2	United Kingdom	GBP	Post pay	Mobile	Rate per MB	EU or EEA	1	2.87	2.87	-	-	-	-	-	-	-	-	-
O2	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	50	-	0.75	-	37.39	30	50.00	-	-	-	-	-
O2	United Kingdom	GBP	Post pay	Mobile	Monthly Bundle	EU or EEA	200	-	0.56	-	112.17	30	200.00	-	-	-	-	-
T-Mobile	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Daily Bundle	EU or EEA	3	0.93	0.31	-	-	1	3.00	1.00	1.50	1.25	1.40	1.40
T-Mobile	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Weekly Bundle	EU or EEA	20	-	0.23	-	4.67	7	20.00	1.00	1.50	1.25	1.40	1.40
T-Mobile	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	50	-	0.19	-	9.35	30	50.00	1.00	1.50	1.25	1.40	1.40
T-Mobile	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Monthly Bundle	EU or EEA	200	-	0.19	-	37.39	30	200.00	1.00	1.50	1.25	1.40	1.40
T-Mobile	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.40	1.40	-	-	-	-	-	-	-	-	-
3 (United Kingdom)	United Kingdom	GBP	Pre pay & post pay	Mobile and Dongle	Rate per MB	EU or EEA	1	1.20	1.20	-	-	-	-	-	-	-	-	-