



Austria



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Country report 2022

ISPs in sample

A1 Telekom Austria | Kabelplus | LIWEST
| T-Mobile Austria | Salzburg

MNOs in sample

A1 Telekom Austria AG | Hutchison 3
Austria | T-Mobile Austria

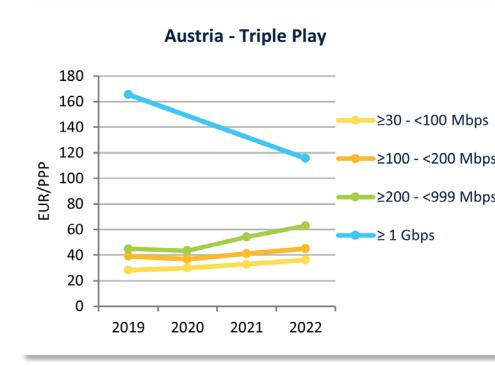
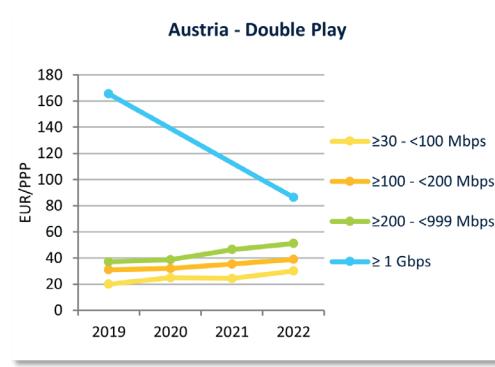
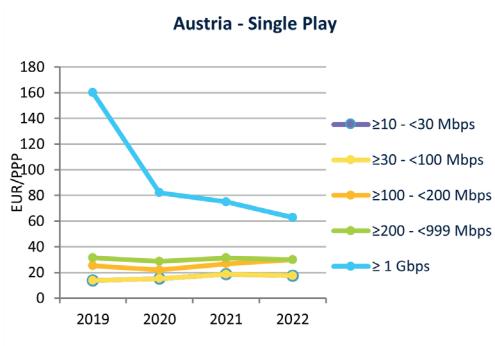
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Austria show a slight decrease for Single Play offers compared to the previous year (2021). Prices for bundled offers rose slightly, except offers including ≥ 1 Gbps fixed internet which fell noticeably.



Market competition

Magenta provides least expensive offers in more service bundles on the market in Austria (6 of 13) in comparison to the rest of the providers. Kabelplus, LIWEST and Salzburg are least expensive in the remaining bundle categories.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Austria are significantly higher than the EU average, except for offers in the $\geq 30 - <100$ Mbps speed range.

Prices in Austria compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-12%	-31%	+1%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+40%	+36%	+21%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+20%	+57%	+56%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+78%	+97%	+128%	

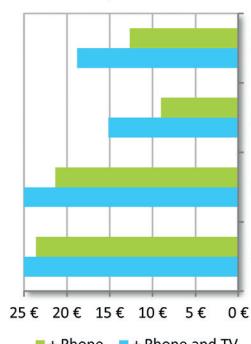
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

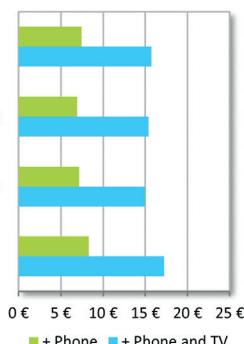
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	T-Mobile Austria Hi!Magenta Internet Unlimited	17.53	19.62
≥30 - <100 Mbps fixed internet	T-Mobile Austria Hi!Magenta Internet Unlimited	17.53	19.96
≥100 - <200 Mbps fixed internet	T-Mobile Austria Internet Flex 150	29.95	21.32
≥200 - <999 Mbps fixed internet	T-Mobile Austria gigakraft 5G 250	29.95	24.94
≥ 1 Gbps fixed internet	T-Mobile Austria gigakraft 1000	62.68	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Kabelplus kabelTWIN small	30.2	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Kabelplus kabelTWIN medium	38.96	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Salzburg Cablelink Fiber 2000 + Telephony	51.29	32.6
≥ 1 Gbps fixed internet with fixed phone	T-Mobile Austria gigakraft 1000 + Telefon + Mobile Sim Only S	86.28	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Kabelplus kabelCOMPLETE small	36.33	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Kabelplus kabelCOMPLETE medium	45.1	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	LIWEST Kati Next Super	62.93	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Salzburg Cablelink Fiber 1000 + Telephony	115.72	50.65

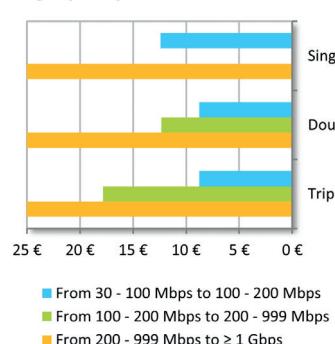
Bundle premium - Austria



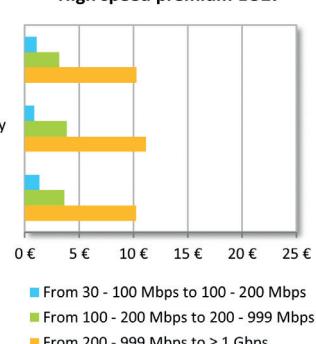
Bundle premium - EU27



High speed premium - Austria



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Austria rose slightly in five usage basket and fell in three compared to the previous year (2021). Prices for offers including ≥200 - <999 Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile fell noticeably.

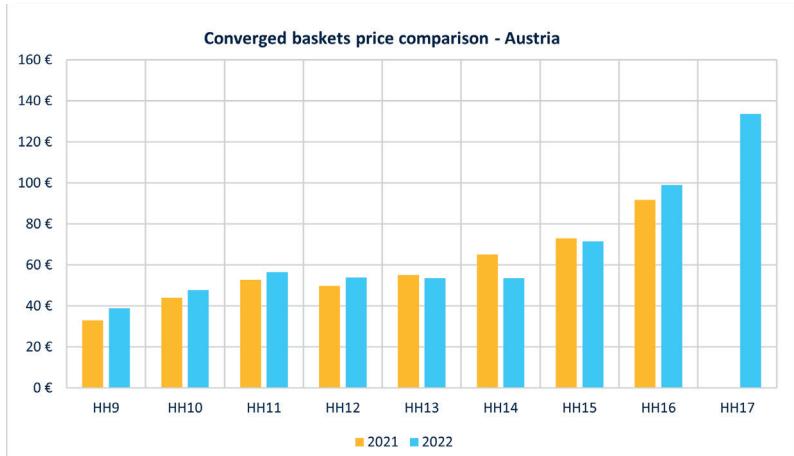
EU comparison

Compared to all EU27 countries, prices for household broadband baskets in Austria are mostly slightly higher than the EU average - HH17 however is 92% higher. An exception to this trend is the lowest price for ≥100 - <200 Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile (HH11), which is slightly lower than the EU average.

Prices in Austria compared with EU average*		
HH9	HH10	HH11
+0%	+20%	-3%
HH12	HH13	HH14
+5%	+15%	+2%
HH15	HH16	HH17
+18%	+21%	+92%

*deviation in percent from the EU average in the respective basket/bundle combination

Bundle premium - mobile component - in € [PPP]		
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	Austria 8.77 EU 11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	8.77 11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	8.77 14.34
	+ Double Play 200-999 Mbps (HH13)	2.27 14.10
	+ Double Play 200-999 Mbps (HH14)	2.27 20.01
	+ Triple Play 200-999 Mbps (HH15)	8.68 20.21
	+ Triple Play >1 Gbps Mbps (HH17)	18.05 19.03



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Kabelplus / Hutchison 3 Austria kabelT-WIN small / Talk M	38.96	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Kabelplus / Hutchison 3 Austria kabelT-WIN medium / Talk M	47.73	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Kabelplus / Hutchison 3 Austria kabelT-WIN medium / Talk M	56.5	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Kabelplus / Hutchison 3 Austria kabel-COMPLETE medium / Talk M	53.87	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	T-Mobile Austria gigakraft 5G 250 + Telefon + Mobile Sim Only S	53.55	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	T-Mobile Austria gigakraft 5G 250 + Telefon + Mobile Sim Only S	53.55	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	LIWEST Kati Next Super + Mobil Mega	71.61	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	LIWEST / Hutchison 3 Austria Kati Next Super / Ideal Sim L	99.03	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Salzburg / Hutchison 3 Austria Cablelink Fiber 1000 + Telephony / Ideal Sim L	133.77	69.68

Mobile Broadband

Price development

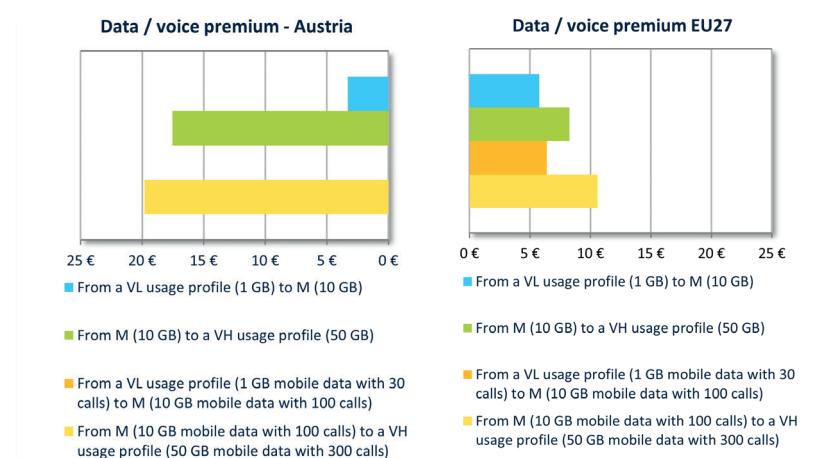
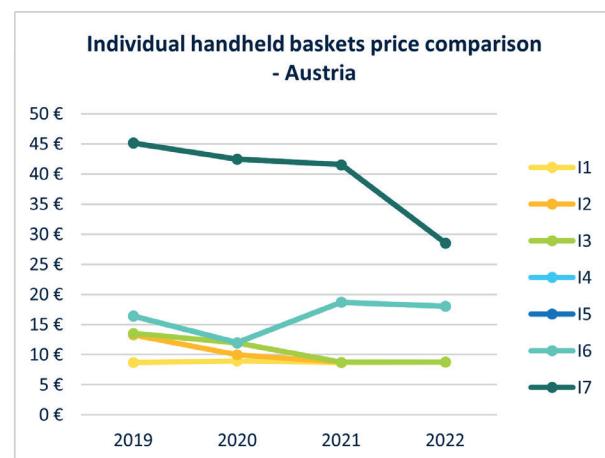
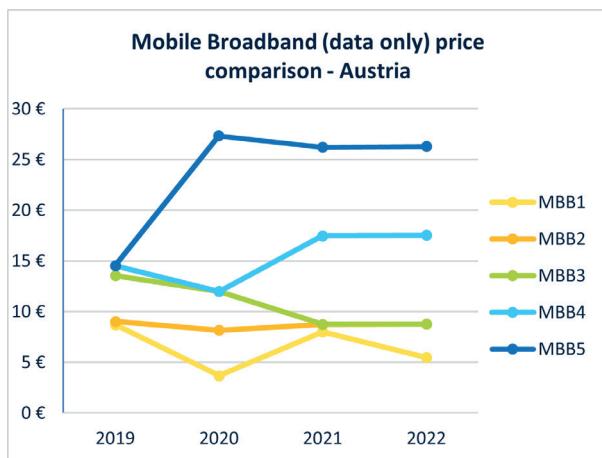
Compared to 2021, averaging over the usage baskets shown, prices in Austria fell slightly. In contrast, for consumers requiring 1 GB mobile data with no calls, prices fell considerably (by 32%).

Market competition

Hutchison 3 Austria provides least expensive offers for most of the service bundles on the market in Austria (11 of 12). A1 Telekom Austria provides the remainder.

EU comparison

Prices for mobile broadband in Austria show a different pattern compared to EU27 countries overall. Whereas consumers requiring 10 GB mobile data with 100 calls find offers much lower than the EU average, those seeking 50 GB mobile data with no calls find prices significantly higher than the EU average.



Prices in Austria compared with EU average*		
MBB1	MBB2	MBB3
-7%	-7%	-25%
MBB4	MBB5	I1
+9%	+32%	+2%
I2	I3	I4
-24%	-42%	-16%
I5	I6	I7
+12%	-8%	+15%

*deviation in percent from the EU average in the respective basket/bundle combination

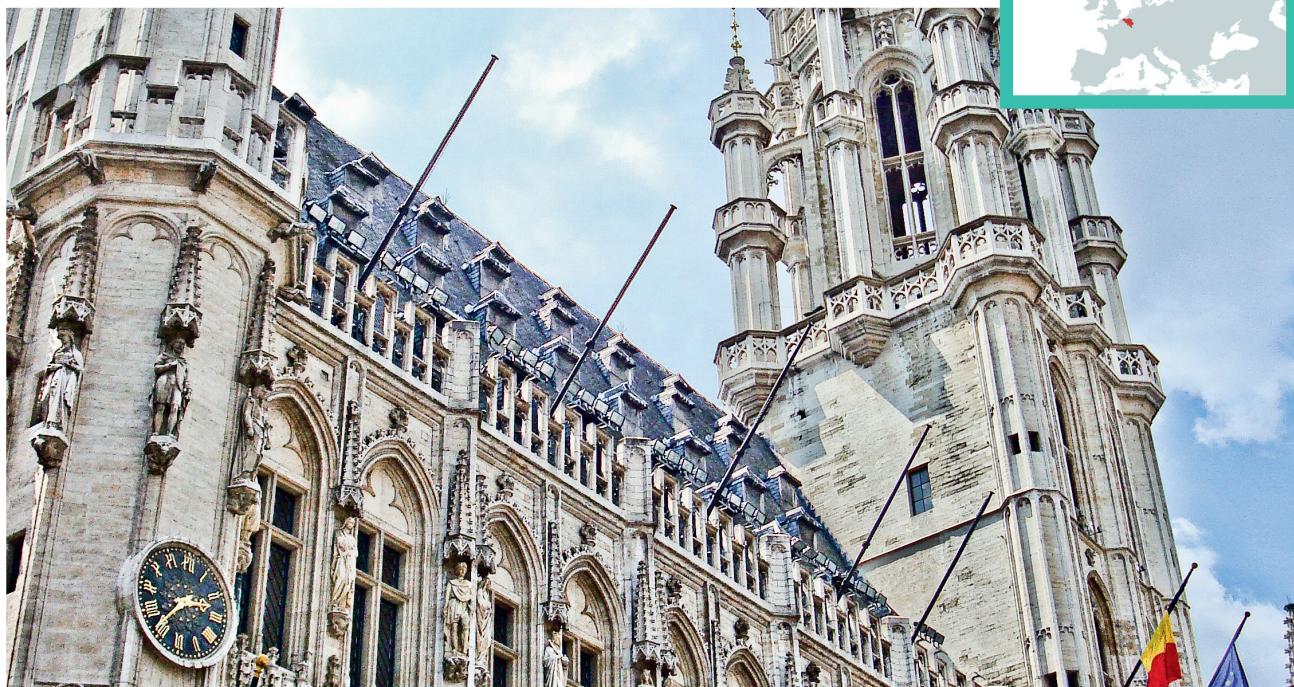
Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Hutchison 3 Austria Hui 1 GB	5.48	5.88
MBB2: 5 GB mobile data with no calls	Hutchison 3 Austria Talk M	8.77	9.43
MBB3: 10 GB mobile data with no calls	Hutchison 3 Austria Talk M	8.77	11.64
MBB4: 20 GB mobile data with no calls	Hutchison 3 Austria Surf 20 GB	17.53	16.15
MBB5: 50 GB mobile data with no calls	A1 Telekom Austria B.free Data Unlimited	26.3	19.89
I1: 1 GB mobile data with 30 calls	Hutchison 3 Austria Talk M	8.77	8.63
I2: 5 GB mobile data with 30 calls	Hutchison 3 Austria Talk M	8.77	11.52
I3: 10 GB mobile data with 100 calls	Hutchison 3 Austria Talk M	8.77	15.02
I4: 20 GB mobile data with 300 calls	Hutchison 3 Austria Ideal Sim L	18.05	21.41
I5: 50 GB mobile data with 300 calls	Hutchison 3 Austria Ideal Sim Unlimited	28.57	25.59
I6: 20 GB mobile data with 30 calls	Hutchison 3 Austria Ideal Sim L	18.05	19.64
I7: 50 GB mobile data with 100 calls	Hutchison 3 Austria Ideal Sim Unlimited	28.57	24.86



Belgium



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Country report 2022

ISPs in sample

Orange | Proximus | Telenet | Voo

MNOs in sample

Orange | Proximus | Telenet

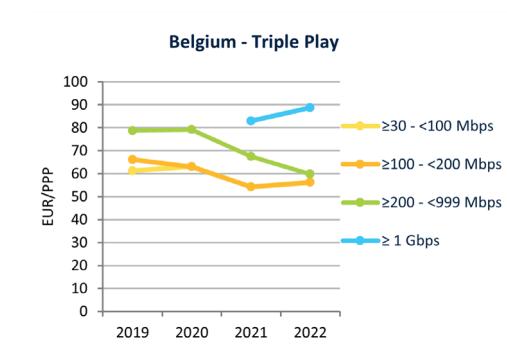
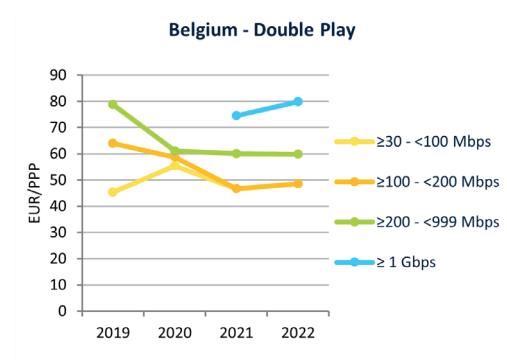
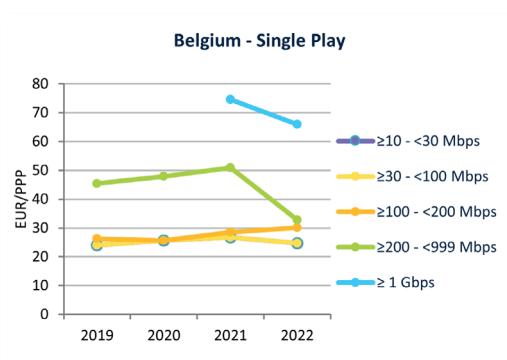
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for Single Play fixed broadband services in Belgium fell, but only in the two highest speed baskets compared to the previous year (2021). Prices for offers including $\geq 200 - <999$ Mbps fixed internet fell considerably. ≥ 1 Gbps speed offers only fell when not bundled. Prices for most bundled offers rose.



Market competition

Telenet and Orange each provide least expensive offers for most of the service bundles on the market in Belgium (4 of 13 each). Proximus and Voo provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Belgium are much higher than the EU average. No offers were found to be less expensive than the EU average.

Prices in Belgium compared with EU average*

$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+24%	+11%	+56%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+41%	+69%	+51%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+32%	+84%	+48%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+87%	+83%	+75%	

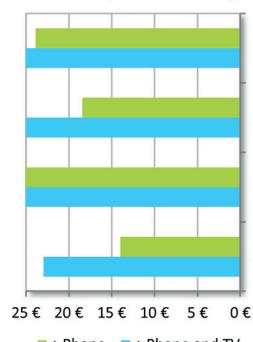
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

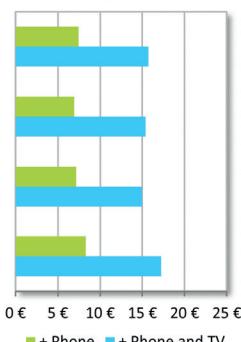
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Proximus Internet Essential	24.71	19.62
≥30 - <100 Mbps fixed internet	Proximus Internet Essential	24.71	19.96
≥100 - <200 Mbps fixed internet	Telenet Easy Internet	30.14	21.32
≥200 - <999 Mbps fixed internet	Voo Zuny net	32.85	24.94
≥ 1 Gbps fixed internet	Telenet All-Internet + Giga Speedboost	65.86	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Orange Home Internet + Fixed Phone	48.6	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Orange Home Internet + Fixed Phone	48.6	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Voo Trio Super relax	59.85	32.6
≥ 1 Gbps fixed internet with fixed phone	Telenet ONE UP (int + phone + mobile)	79.87	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Orange Home Internet + Fixed Phone + TV	56.25	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Orange Home Internet + Fixed Phone + TV	56.25	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Voo Trio Super relax	59.85	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Telenet ONE UP (int + phone + mobile) + TV	88.82	50.65

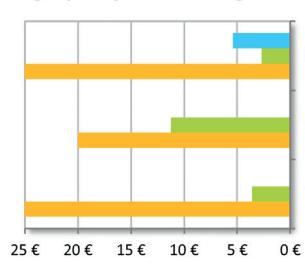
Bundle premium - Belgium



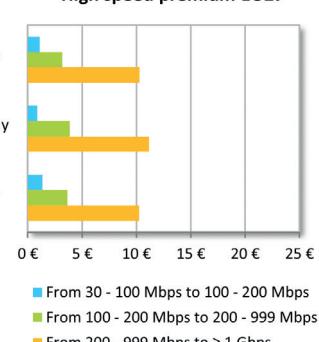
Bundle premium - EU27



High speed premium - Belgium



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Belgium did not change considerably in comparison to the previous year (2021). Prices for offers including ≥200 - <999 Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile rose slightly.

EU comparison

Compared to all EU27 countries, prices for household broadband baskets in Belgium are significantly higher than the EU average. No offers were found to be less expensive than the EU average.

Prices in Belgium compared with EU average*

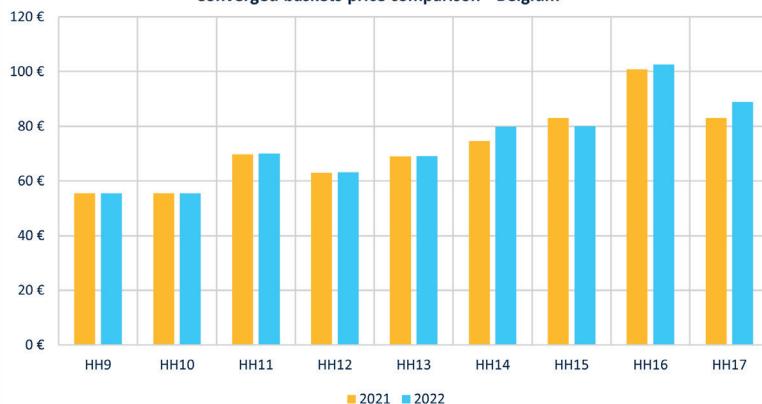
HH9	HH10	HH11
● +43%	● +39% ● +21%	
● +23%	● +48%	● +52%
● +32%	● +25%	● +27%

*deviation in percent from the EU average in the respective basket/bundle combination

Bundle premium - mobile component - in € [PPP]

		Belgium	EU	
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	6.97	11.12	
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	6.97	11.12	
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	6.97	14.34	
	+ Double Play 200-999 Mbps (HH13)	9.22	14.10	
	+ Double Play 200-999 Mbps (HH14)	20.02	20.01	
	+ Triple Play 200-999 Mbps (HH15)	20.25	20.21	
	+ Triple Play >1 Gbps Mbps (HH17)	0.00	19.03	

Converged baskets price comparison - Belgium



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Orange Love Pack (Internet Fast + Phone + Go Plus)	55.57	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Orange Love Pack (Internet Fast + Phone + Go Plus)	55.57	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Orange Love Pack (Internet Fast + Phone + Go Plus 2 SIM)	69.97	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Orange Love Pack (Internet Fast + Phone + Go Plus) + TV	63.22	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Orange Love Pack (Internet Ultra Fast + Phone + Go Plus)	69.07	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Telenet ONE UP (int + phone + mobile)	79.87	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Voo Quattro Super relax (30 GB)	80.1	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Voo Quattro Super relax (30 GB) 2 SIM	102.59	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Telenet ONE UP (int + phone + mobile) + TV	88.82	69.68

Mobile Broadband

Price development

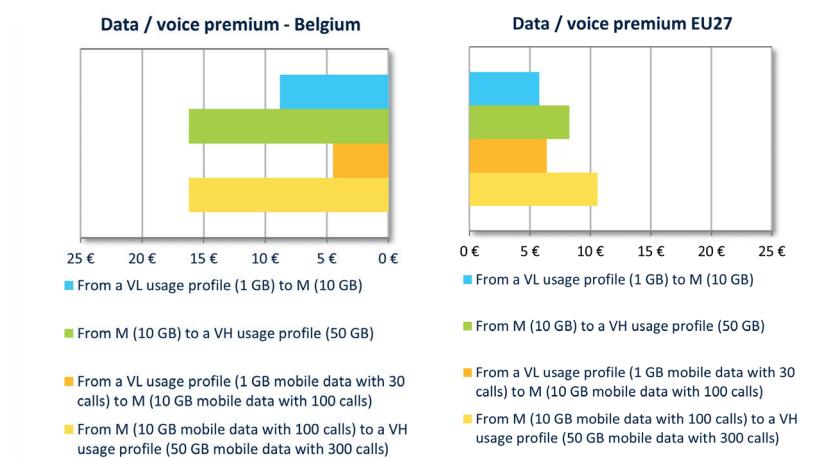
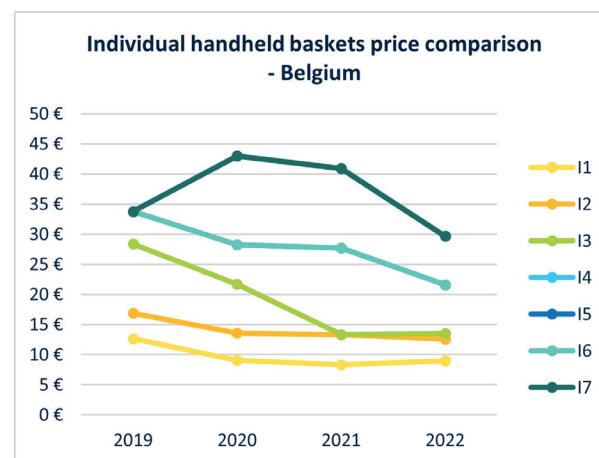
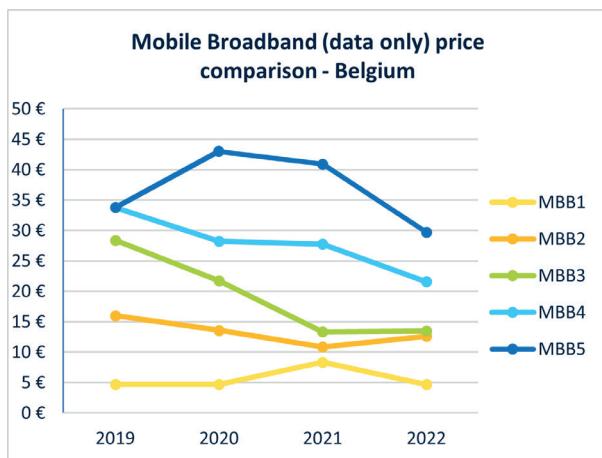
Compared to 2021, averaging over the usage baskets shown, prices for most mobile offers in Belgium fell noticeably. However, for consumers requiring 5 GB mobile data with no calls, prices rose noticeably (by 15%).

Market competition

Telenet provides the majority of the least expensive offers across all service bundles on the market in Belgium (9 of 12). Orange providers the remainder.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Belgium are generally slightly higher than the EU average. Mobile Broadband including 5GB, 20GB and 50GB without voice is up to 49% more expensive. However, the price of offers for 1 GB mobile data and for 10 GB mobile data and 100 calls are significantly lower than the EU average.



Prices in Belgium compared with EU average*			
Offer	MBB1	MBB2	MBB3
MBB1	-20%	+34%	+16%
MBB2	+34%	+49%	+4%
MBB3	+9%	-10%	+1%
MBB4	+16%	+10%	+19%
MBB5	+16%	+10%	+19%
I1	+16%	+10%	+19%
I2	+9%	-10%	+1%
I3	-20%	+34%	+16%
I4	+16%	+10%	+19%
I5	+16%	+10%	+19%
I6	+16%	+10%	+19%
I7	+16%	+10%	+19%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Telenet Price according to consumption + Surf 1 GB	4.69	5.88
MBB2: 5 GB mobile data with no calls	Telenet Base 5 GB	12.6	9.43
MBB3: 10 GB mobile data with no calls	Telenet Base 10 GB	13.5	11.64
MBB4: 20 GB mobile data with no calls	Telenet Base 22GB	21.6	16.15
MBB5: 50 GB mobile data with no calls	Orange Go Extreme	29.7	19.89
I1: 1 GB mobile data with 30 calls	Telenet Base prepaid 10	9	8.63
I2: 5 GB mobile data with 30 calls	Telenet Base 5 GB	12.6	11.52
I3: 10 GB mobile data with 100 calls	Telenet Base 10 GB	13.5	15.02
I4: 20 GB mobile data with 300 calls	Telenet Base 22GB	21.6	21.41
I5: 50 GB mobile data with 300 calls	Orange Go Extreme	29.7	25.59
I6: 20 GB mobile data with 30 calls	Telenet Base 22GB	21.6	19.64
I7: 50 GB mobile data with 100 calls	Orange Go Extreme	29.7	24.86





Bulgaria



Cathedral Saint Alexander Nevsky by Deense1, flickr.com. CC BY 2.0

Country report 2022

ISPs in sample

A1 Bulgaria | Bulsatcom | Escom |
Networx-Bulgaria | Vivacom

MNOs in sample

A1 Bulgaria | Vivacom | Yettel

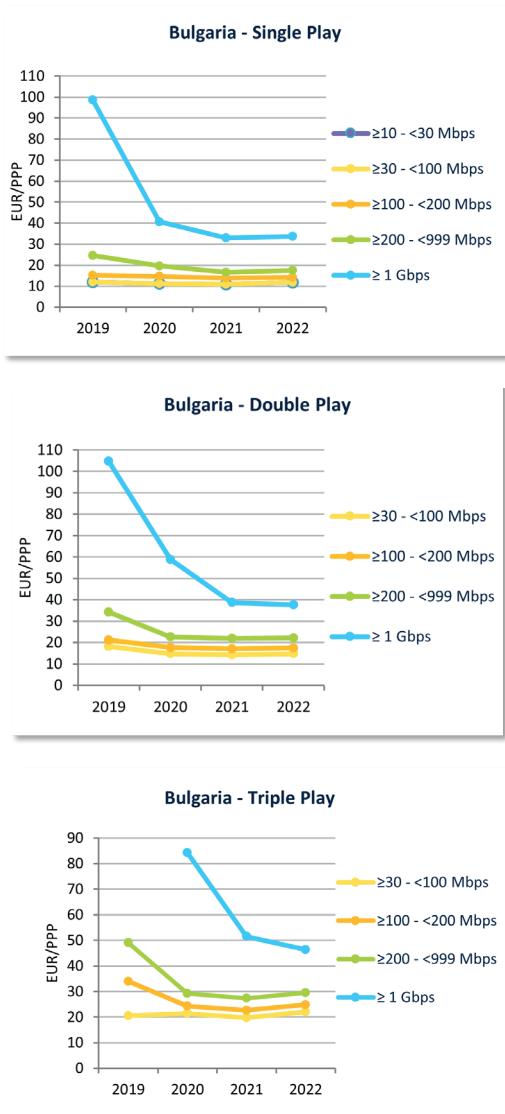
October 2022 data

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Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Bulgaria rose slightly. In contrast, for consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV, prices fell slightly (by 7%).



Market competition

Bulsatcom provides least expensive offers in the most service bundles on the market in Bulgaria (6 of 13) in comparison to the rest of the providers. Vivacom and A1 Bulgaria provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Bulgaria are lower than the EU average. No offers were found to be more expensive than the EU average.

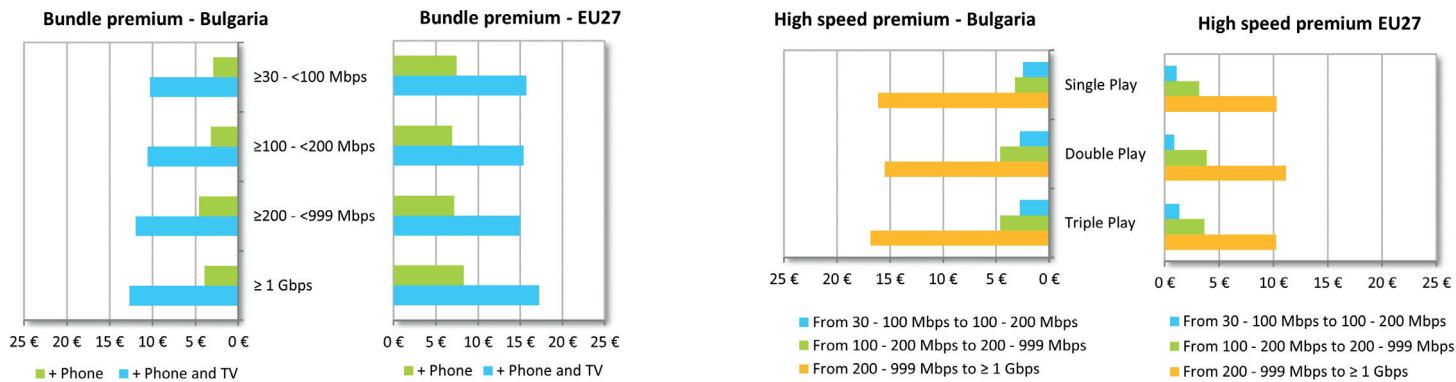
Prices in Bulgaria compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-41%	-66%	-39%	-39%
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-33%	-39%	-33%	-33%
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-30%	-32%	-27%	-27%
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-4%	-14%	-8%	-8%

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Vivacom FiberNet 50	11.8	19.62
≥30 - <100 Mbps fixed internet	Vivacom FiberNet 50	11.8	19.96
≥100 - <200 Mbps fixed internet	A1 Bulgaria A1 Hem 100	14.29	21.32
≥200 - <999 Mbps fixed internet	A1 Bulgaria A1 Hem 300	17.51	24.94
≥ 1 Gbps fixed internet	A1 Bulgaria A1 Hem 1000	33.65	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Bulsatcom START + Start	14.75	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Bulsatcom PREMIUM + Start	17.51	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Bulsatcom MAX + Start	22.12	32.6
≥ 1 Gbps fixed internet with fixed phone	Vivacom FiberNet 1000 + Vivafix S	37.61	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Bulsatcom START + Start + START	22.11	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Bulsatcom PREMIUM + Start + START	24.88	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Bulsatcom MAX + Start + START	29.49	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Vivacom FiberNet 1000 + Vivafix S + TV S	46.37	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Bulgaria fell slightly. In contrast, for consumers requiring $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile, prices rose slightly (by 4%).

EU comparison

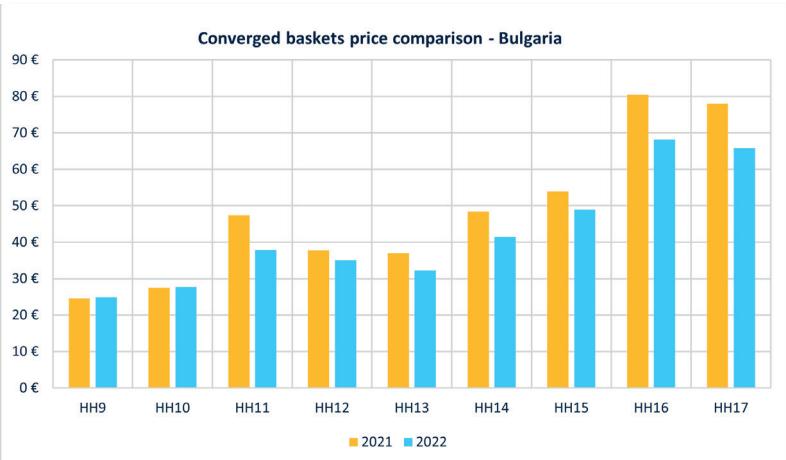
Compared to all EU27 countries, prices for household broadband baskets in Bulgaria are lower than the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Bulgaria	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	10.14	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	10.14	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	10.14	14.34
	+ Double Play 200-999 Mbps (HH13)	10.14	14.10
	+ Double Play 200-999 Mbps (HH14)	19.36	20.01
	+ Triple Play 200-999 Mbps (HH15)	19.36	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	19.36	19.03

Prices in Bulgaria compared with EU average*

HH9	HH10	HH11
-36%	-31%	-35%
HH12	HH13	HH14
-32%	-31%	-21%
HH15	HH16	HH17
-19%	-17%	-6%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bulsatcom / Vivacom START + Start / Free2Go L+	24.88	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bulsatcom / Vivacom PREMIUM + Start / Free2Go L+	27.65	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Bulsatcom / Vivacom PREMIUM + Start / Free2Go L+	37.79	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Bulsatcom / Vivacom PREMIUM + Start + START / Free2Go L+	35.02	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Bulsatcom / Vivacom MAX + Start / Free2Go L+	32.26	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Bulsatcom / A1 Bulgaria MAX + Start / Unlimited Special	41.48	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Bulsatcom / A1 Bulgaria MAX + Start + START / Unlimited Special	48.85	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Bulsatcom / A1 Bulgaria MAX + Start + START / Unlimited Special	68.2	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vivacom / A1 Bulgaria FiberNet 1000 + Vivafix S + TV S / Unlimited Special	65.72	69.68

Mobile Broadband

Price development

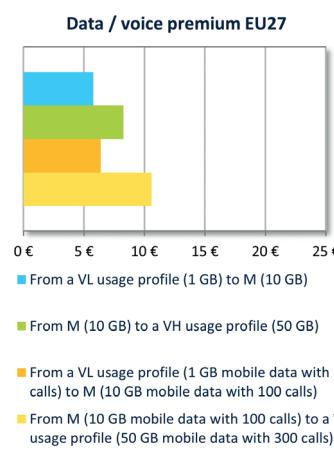
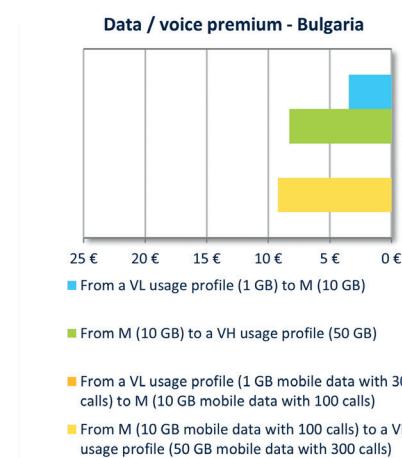
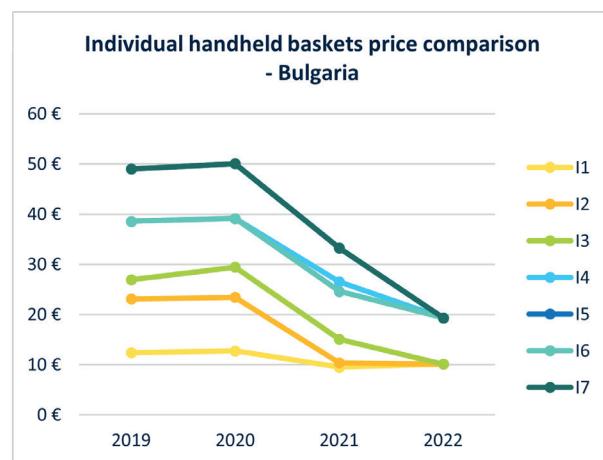
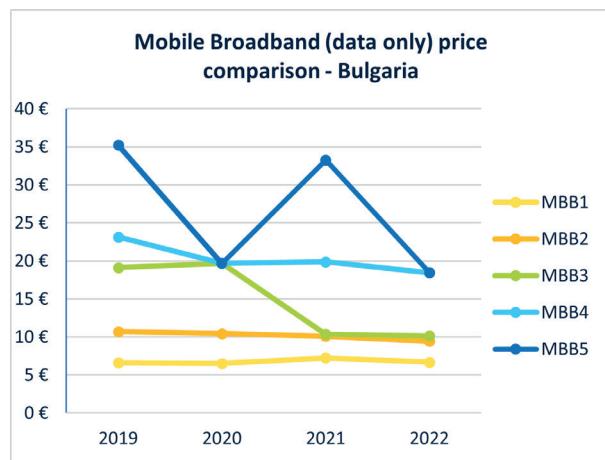
Compared to 2021, averaging over the usage baskets shown, prices in Bulgaria fell noticeably. In contrast, for consumers requiring 1 GB mobile data with 30 calls, prices rose by 7%.

Market competition

Vivacom and A1 Bulgaria provide least expensive offers for equal proportions of service bundles on the market in Bulgaria.

EU comparison

Prices for mobile broadband in Bulgaria show a different pattern compared to EU27 countries overall. Whereas consumers requiring 10 GB mobile data with 100 calls find offers lower than the EU average, those seeking 1 GB mobile data with 30 calls find prices slightly higher than the EU average.



Prices in Bulgaria compared with EU average*			
MBB1	MBB2	MBB3	
+14%	+0%	-13%	
MBB4	MBB5	I1	
+14%	-7%	+17%	
I2	I3	I4	
-12%	-32%	-10%	
I5	I6	I7	
-24%	-1%	-22%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	A1 Bulgaria Prepaid Recharge Data Only 7	6.69	5.88
MBB2: 5 GB mobile data with no calls	A1 Bulgaria Prepaid Recharge Data Only 10	9.45	9.43
MBB3: 10 GB mobile data with no calls	Vivacom Free2Go L+	10.14	11.64
MBB4: 20 GB mobile data with no calls	Vivacom Unlimited Traffic 10	18.43	16.15
MBB5: 50 GB mobile data with no calls	Vivacom Unlimited Traffic 10	18.43	19.89
I1: 1 GB mobile data with 30 calls	Vivacom Free2Go L+	10.14	8.63
I2: 5 GB mobile data with 30 calls	Vivacom Free2Go L+	10.14	11.52
I3: 10 GB mobile data with 100 calls	Vivacom Free2Go L+	10.14	15.02
I4: 20 GB mobile data with 300 calls	A1 Bulgaria Unlimited Special	19.36	21.41
I5: 50 GB mobile data with 300 calls	A1 Bulgaria Unlimited Special	19.36	25.59
I6: 20 GB mobile data with 30 calls	A1 Bulgaria Unlimited Special	19.36	19.64
I7: 50 GB mobile data with 100 calls	A1 Bulgaria Unlimited Special	19.36	24.86



Croatia



Dubrovnik by alchen_x, pixels.com. CC BY-SA 2.0

Country report 2022

ISPs in sample

A1 Hrvatska | Iskon | Optima Telekom |
Telemach | T-Hrvatski Telekom

MNOs in sample

A1 Hrvatska | Telemach | T-Hrvatski Telekom

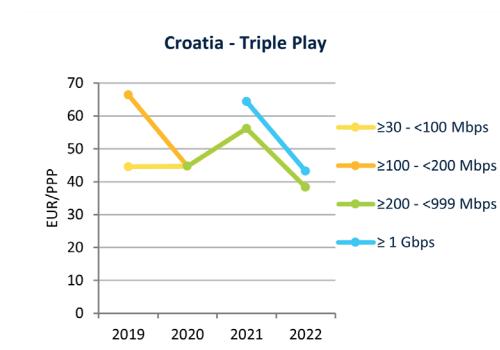
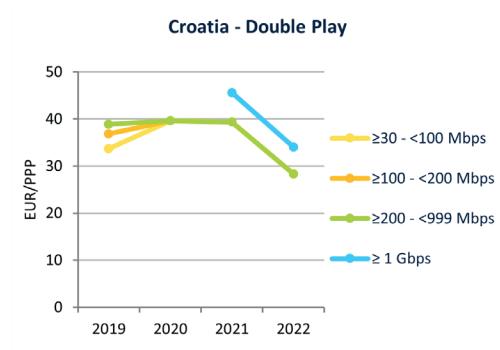
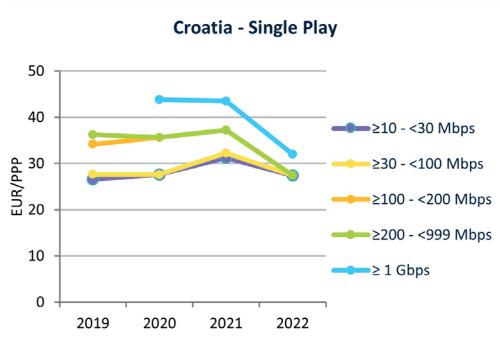
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Croatia fell on average by 26%, with the exception of $\geq 10 - <30$ Mbps fixed internet basket, whose price decreased only by 10%.



Market competition

A1 Hrvatska provides least expensive offers for the majority of service bundles on the market in Croatia (7 of 13). Telemach provides the remainder.

EU comparison

Prices for fixed broadband in Croatia show a different pattern compared to EU27 countries overall. Whereas consumers requiring $\geq 10 - <30$ Mbps fixed internet find offers significantly higher than the EU average, those seeking ≥ 1 Gbps fixed internet with fixed phone find prices lower than the EU average.

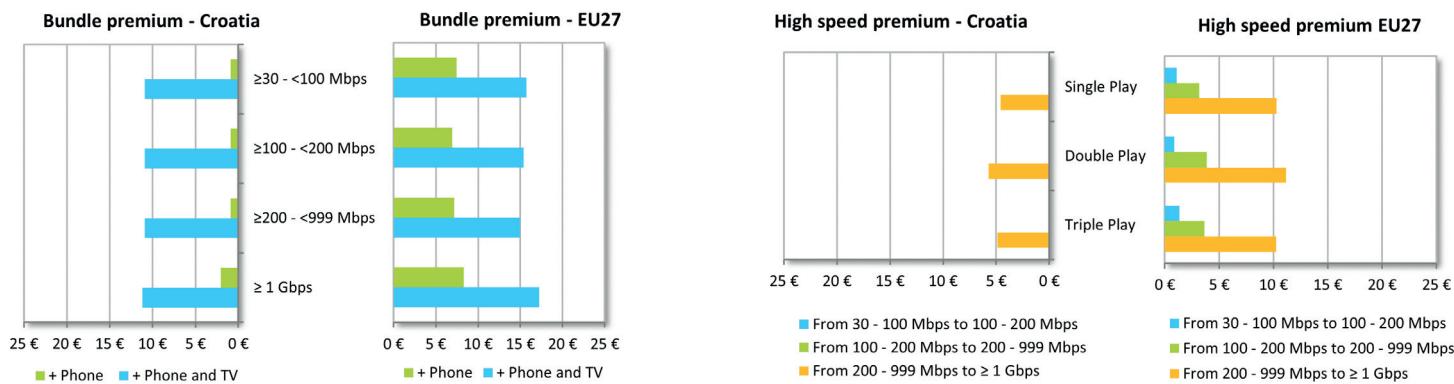
Prices in Croatia compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+37%	-35%	+6%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+28%	-1%	+3%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+10%	-13%	-5%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-9%	-22%	-15%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	A1 Hrvatska Super Internet	27.39	19.62
≥30 - <100 Mbps fixed internet	A1 Hrvatska Super Internet	27.39	19.96
≥100 - <200 Mbps fixed internet	A1 Hrvatska Super Internet	27.39	21.32
≥200 - <999 Mbps fixed internet	A1 Hrvatska Super Internet	27.39	24.94
≥ 1 Gbps fixed internet	A1 Hrvatska Turbo Internet	31.97	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Telemach 300 Mega	28.31	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Telemach 300 Mega	28.31	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Telemach 300 Mega	28.31	32.6
≥ 1 Gbps fixed internet with fixed phone	A1 Hrvatska Turbo Internet	34.01	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Telemach 300 Mega	38.29	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Telemach 300 Mega	38.29	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Telemach 300 Mega	38.29	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	A1 Hrvatska Turbo Internet	43.18	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Croatia fell considerably (by 28%).

EU comparison

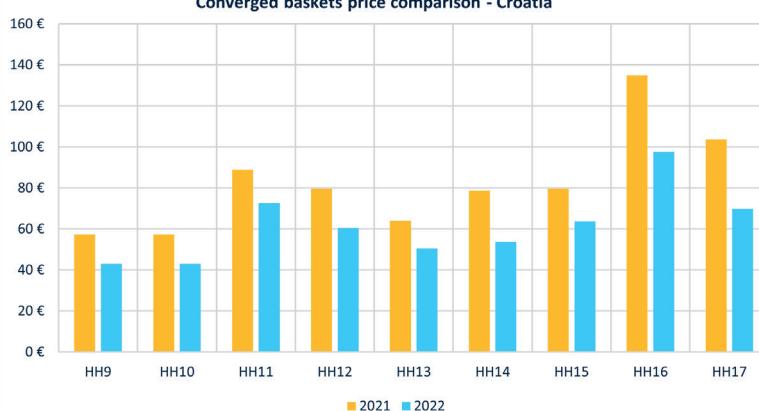
Compared to all EU27 countries, prices for household broadband baskets in Croatia are slightly higher than the EU average. No offers were found to be less expensive than the EU average.

Prices in Croatia compared with EU average*		
HH9	HH10	HH11
● +10%	● +8%	● +25%
HH12	HH13	HH14
● +17%	● +8%	● +2%
HH15	HH16	HH17
● +5%	● +19%	● +0%

*deviation in percent from the EU average in the respective basket/bundle combination

Bundle premium - mobile component - in € [PPP]		
	Croatia	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	14.69
	+ Double Play 100-200 Mbps (HH10)	14.69
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	22.20
	+ Double Play 200-999 Mbps (HH13)	22.20
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	25.43
	+ Triple Play 200-999 Mbps (HH15)	25.43
	+ Triple Play >1 Gbps Mbps (HH17)	26.65
		11.12
		11.12
		14.34
		14.10
		20.01
		20.21
		19.03

Converged baskets price comparison - Croatia



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Telemach 300 Mega	43	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Telemach 300 Mega	43	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Telemach / A1 Hrvatska 300 Mega / Surferica	72.71	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Telemach / A1 Hrvatska 300 Mega / Surferica	60.49	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Telemach / A1 Hrvatska 300 Mega / Surferica	50.51	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Telemach 300 Mega	53.74	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Telemach 300 Mega	63.72	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Telemach / Telemach 300 Mega / Top	97.62	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Telemach 1 Giga	69.83	69.68

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Price development

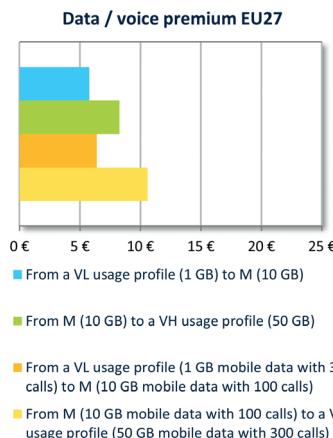
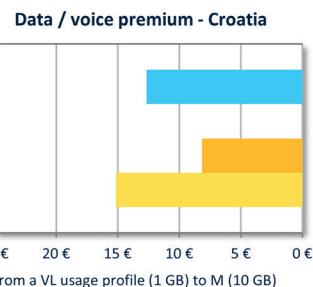
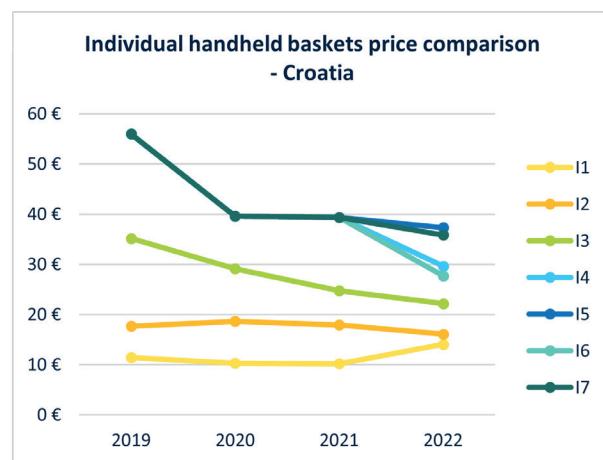
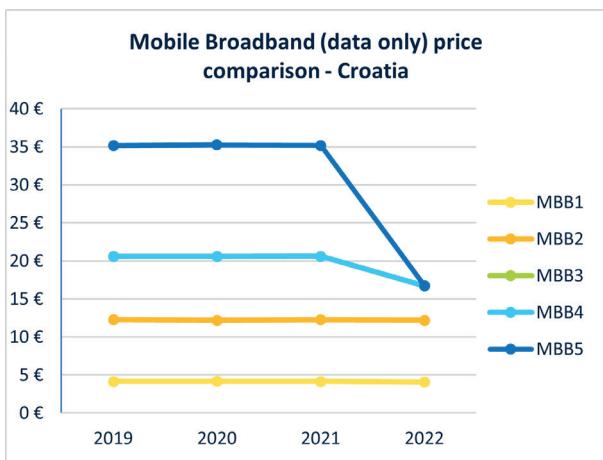
Prices for mobile broadband (data only) services including >5GB fell between 28% and 60% compared to the previous year (2021). Prices for offers including 1 GB mobile data with 30 calls rose considerably (by 40%), while prices for the remaining baskets fell 19.5% on average.

Market competition

Telemach provides east expensive offers for the highest number of service bundles on the market in Croatia (7 of 12). T-Hrvatski Telekom and A1 Hrvatska provide the remainder.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Croatia are significantly higher than the EU average. As an exception, the lowest prices of offers for consumers requiring 1 GB or 50 GB mobile data are considerably lower than the EU average.



Prices in Croatia compared with EU average*			
Offer	MBB1	MBB2	MBB3
MBB1	-31%	+30%	+44%
MBB2	+4%	-16%	+63%
I2	+40%	+48%	+39%
I5	+46%	+41%	+44%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	T-Hrvatski Telekom Internet S	4.07	5.88
MBB2: 5 GB mobile data with no calls	T-Hrvatski Telekom Internet L	12.21	9.43
MBB3: 10 GB mobile data with no calls	Telemach Pokućni internet 2GO	16.73	11.64
MBB4: 20 GB mobile data with no calls	Telemach Pokućni internet 2GO	16.73	16.15
MBB5: 50 GB mobile data with no calls	Telemach Pokućni internet 2GO	16.73	19.89
I1: 1 GB mobile data with 30 calls	A1 Hrvatska Spikalica	14.05	8.63
I2: 5 GB mobile data with 30 calls	A1 Hrvatska Sheralica	16.09	11.52
I3: 10 GB mobile data with 100 calls	A1 Hrvatska Surferica	22.2	15.02
I4: 20 GB mobile data with 300 calls	Telemach Top	29.67	21.41
I5: 50 GB mobile data with 300 calls	Telemach Unlimited	37.34	25.59
I6: 20 GB mobile data with 30 calls	Telemach Top	27.69	19.64
I7: 50 GB mobile data with 100 calls	Telemach Unlimited	35.87	24.86



Cyprus



Paphos by Sergei Gussev, flickr.com. CC BY 2.0

Country report 2022

ISPs in sample

Cablenet | Cyta | Epic | Primetel

MNOs in sample

Cyta | Epic | Primetel

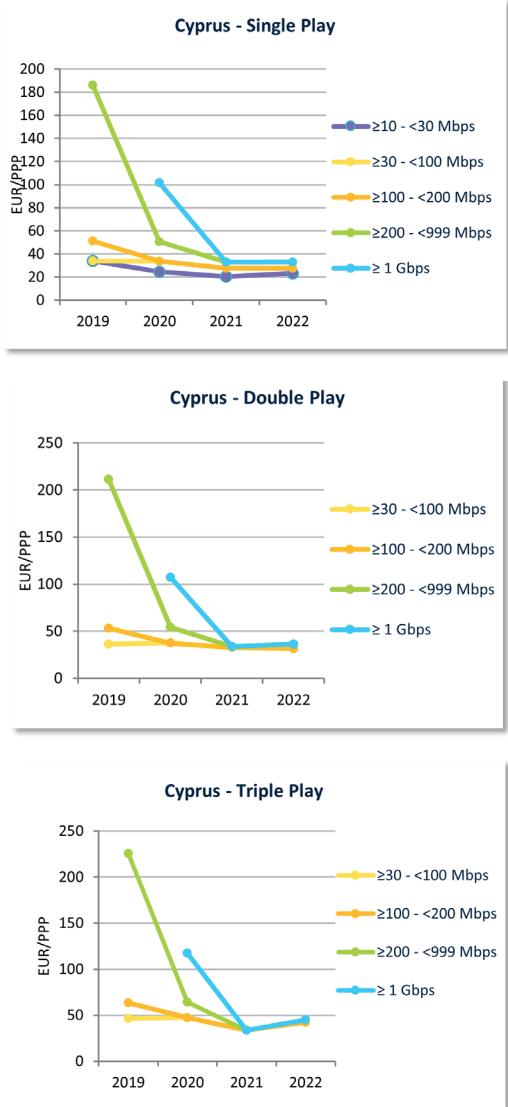
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Cyprus rose noticeably for Triple Play bundles (between 25% and 35%). In contrast, for consumers requiring $\geq 30 - <100$ Mbps fixed internet with fixed phone, prices fell slightly (by 4%).



Market competition

Cablenet and Epic each provide least expensive offers for most service bundles on the market in Cyprus (each 6 of 13). Primetel provides the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Cyprus are higher than the EU average; the lowest prices for Double Play with speeds between 30 and 100 Mbps as well as all bundles with ≥ 1 Gbps fixed internet, however, are slightly below.

Prices in Cyprus compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+38%	-28%	+17%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+29%	+9%	+14%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+33%	+11%	+12%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-6%	-17%	-11%	

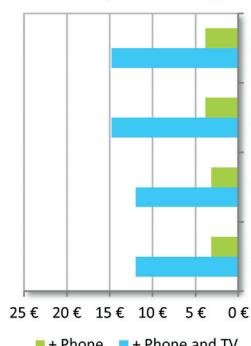
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

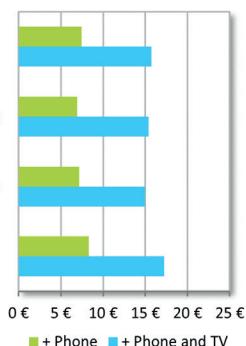
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Primetel Internet 10Mbps	23.16	19.62
≥30 - <100 Mbps fixed internet	Cablenet Fiberpower 100M	27.48	19.96
≥100 - <200 Mbps fixed internet	Cablenet Fiberpower 100M	27.48	21.32
≥200 - <999 Mbps fixed internet	Epic Epic Fiber 1 Gbps	33.1	24.94
≥ 1 Gbps fixed internet	Epic Epic Fiber 1 Gbps	33.1	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Cablenet Fiberpower 100M	31.34	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Cablenet Fiberpower 100M	31.34	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Epic Epic Fiber 1 Gbps	36.24	32.6
≥ 1 Gbps fixed internet with fixed phone	Epic Epic Fiber 1 Gbps	36.24	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Cablenet Fiberpower 100M + TV	42.27	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Cablenet Fiberpower 100M + TV	42.27	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Epic Epic Fiber 1 Gbps + TV	45.06	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Epic Epic Fiber 1 Gbps + TV	45.06	50.65

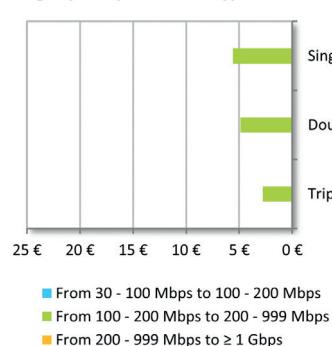
Bundle premium - Cyprus



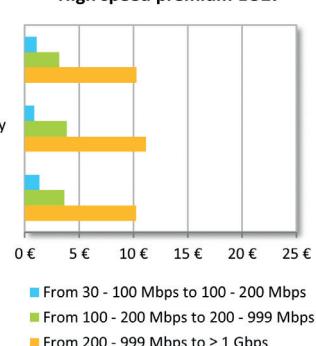
Bundle premium - EU27



High speed premium - Cyprus



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Cyprus fell noticeably (14% on average). The largest price decrease was observed for consumer requiring $\geq 100 - < 200$ Mbps with fixed telephony, 2 SIM cards, 100 calls and 10GB mobile data (33%).

EU comparison

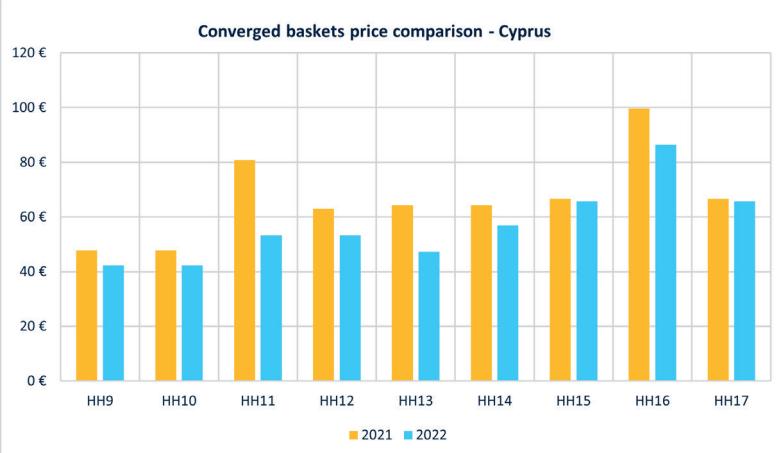
Prices for household broadband baskets in Cyprus show a similar pattern compared to the EU27 countries overall as the percentage deviation from the EU average is not higher than +/-10% for any of the baskets.

Bundle premium - mobile component - in € [PPP]			
		Cyprus	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	10.94	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	10.94	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	10.94	14.34
	+ Double Play 200-999 Mbps (HH13)	10.94	14.10
	+ Double Play 200-999 Mbps (HH14)	20.68	20.01
	+ Triple Play 200-999 Mbps (HH15)	20.68	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	20.68	19.03

Prices in Cyprus compared with EU average*

HH9	HH10	HH11
+9%	+6%	-8%
HH12	HH13	HH14
+3%	+1%	+8%
HH15	HH16	HH17
+9%	+5%	-6%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Cablenet / Cyta Fiberpower 100M / Soeasy plus (10 GB)	42.28	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Cablenet / Cyta Fiberpower 100M / Soeasy plus (10 GB)	42.28	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Cablenet / Cyta Fiberpower 100M / Soeasy plus (10 GB)	53.23	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Cablenet / Cyta Fiberpower 100M + TV / Soeasy plus (10 GB)	53.21	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Epic / Cyta Epic Fiber 1 Gbps / Soeasy plus (10 GB)	47.18	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Epic / Primetel Epic Fiber 1 Gbps / Giga Unlimited	56.92	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Epic / Primetel Epic Fiber 1 Gbps + TV / Giga Unlimited	65.74	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Epic / Primetel Epic Fiber 1 Gbps + TV / Giga Unlimited	86.42	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Epic / Primetel Epic Fiber 1 Gbps + TV / Giga Unlimited	65.74	69.68

Mobile Broadband

Price development

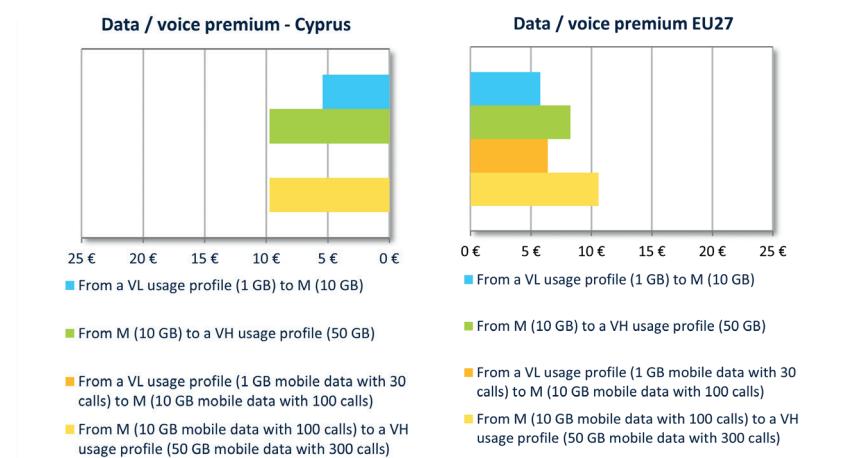
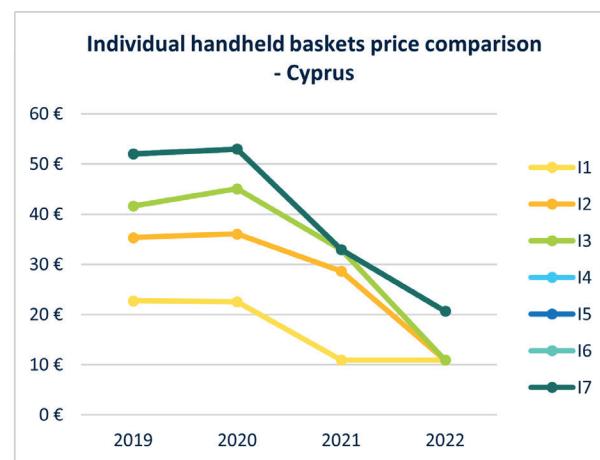
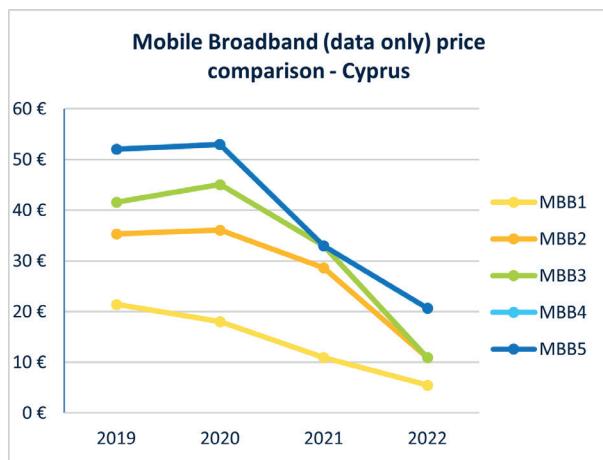
Compared to 2021, averaging over the usage baskets shown, prices in Cyprus fell considerably, with the exception of the price for 1 GB mobile data with 30 calls basket, which remained nearly unchanged.

EU comparison

Prices for mobile broadband in Cyprus show a mixed pattern compared to EU27 countries overall as 7 of the baskets can be found at a lower price than the EU average, while the rest of the offers are provided at higher prices.

Market competition

Cyta and Primetel provide least expensive offers in equal proportions of service bundles on the market in Cyprus.



Prices in Cyprus compared with EU average*		
MBB1	MBB2	MBB3
-6%	+16%	-6%
MBB4	MBB5	I1
+28%	+4%	+27%
I2	I3	I4
-5%	-27%	-3%
I5	I6	I7
-19%	+5%	-17%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Cyta soeasy MI Monthly Small	5.52	5.88
MBB2: 5 GB mobile data with no calls	Cyta Soeasy plus (10 GB)	10.94	9.43
MBB3: 10 GB mobile data with no calls	Cyta Soeasy plus (10 GB)	10.94	11.64
MBB4: 20 GB mobile data with no calls	Primetel Giga Unlimited	20.68	16.15
MBB5: 50 GB mobile data with no calls	Primetel Giga Unlimited	20.68	19.89
I1: 1 GB mobile data with 30 calls	Cyta Soeasy plus (10 GB)	10.94	8.63
I2: 5 GB mobile data with 30 calls	Cyta Soeasy plus (10 GB)	10.94	11.52
I3: 10 GB mobile data with 100 calls	Cyta Soeasy plus (10 GB)	10.94	15.02
I4: 20 GB mobile data with 300 calls	Primetel Giga Unlimited	20.68	21.41
I5: 50 GB mobile data with 300 calls	Primetel Giga Unlimited	20.68	25.59
I6: 20 GB mobile data with 30 calls	Primetel Giga Unlimited	20.68	19.64
I7: 50 GB mobile data with 100 calls	Primetel Giga Unlimited	20.68	24.86



Czechia



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Country report 2022

ISPs in sample

Nej.cz | O2 Czech Republic | Starnet | T-Mobile
Czech Republic | Vodafone Czech Republic

MNOs in sample

O2 Czech Republic | T-Mobile Czech Republic |
Vodafone Czech Republic

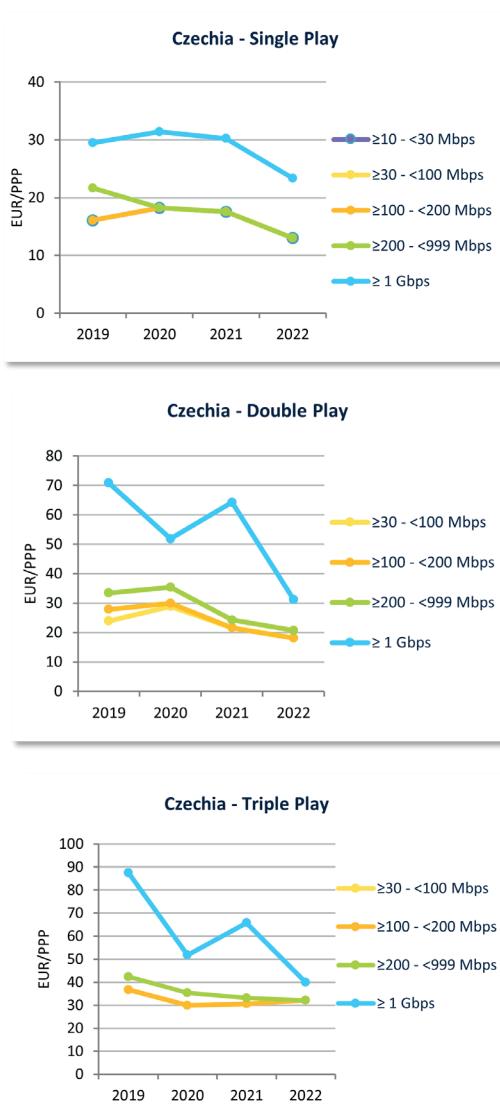
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Czechia fell noticeably. In contrast, for consumers requiring $\geq 30 - <100$ Mbps fixed internet with fixed phone and TV, prices rose slightly (by 7%).



Market competition

Nej.cz provides least expensive offers for most of the service bundles on the market in Czechia (8 of 13). T-Mobile Czech Republic and Starnet provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Czechia are lower than the EU average. No offers were found to be more expensive than the EU average.

Prices in Czechia compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-35%	-59%	-11%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-39%	-37%	-14%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-48%	-36%	-20%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-34%	-29%	-21%	

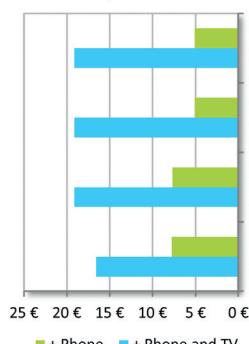
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Starnet Internet 300M	13.01	19.62
≥30 - <100 Mbps fixed internet	Starnet Internet 300M	13.01	19.96
≥100 - <200 Mbps fixed internet	Starnet Internet 300M	13.01	21.32
≥200 - <999 Mbps fixed internet	Starnet Internet 300M	13.01	24.94
≥ 1 Gbps fixed internet	T-Mobile Czech Republic My optical internet L	23.36	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Nej.cz Nej Net 100 Mbps	18.11	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Nej.cz Nej Net 100 Mbps	18.11	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Nej.cz Nej Net 300 Mbps	20.71	32.6
≥ 1 Gbps fixed internet with fixed phone	Nej.cz Nej Net 1000 Mbps	31.11	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Nej.cz Nej Net 500 Mbps	32.15	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Nej.cz Nej Net 500 Mbps	32.15	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Nej.cz Nej Net 500 Mbps	32.15	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Nej.cz Nej Net 1000 Mbps	39.96	50.65

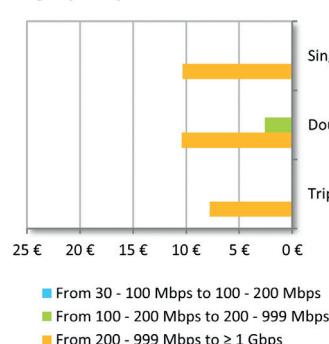
Bundle premium - Czechia



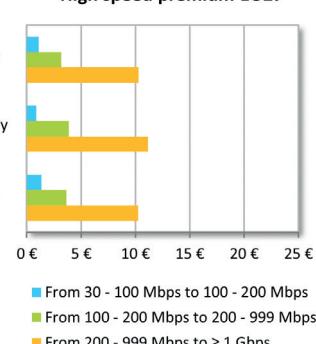
Bundle premium - EU27



High speed premium - Czechia



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Czechia fell slightly (5%). In contrast, for consumers requiring ≥100 - <200 Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile, the price rose slightly (by 3%).

EU comparison

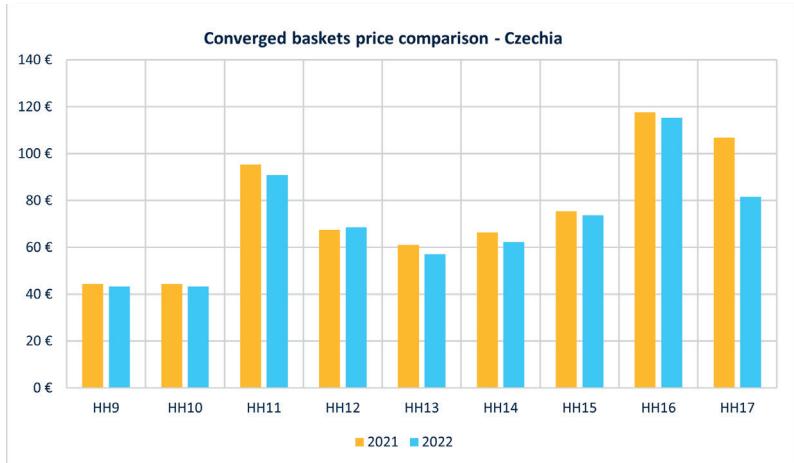
Compared to all EU27 countries, prices for household broadband baskets in Czechia are significantly higher than the EU average. No offers were found to be less expensive than the EU average.

Bundle premium - mobile component - in € [PPP]		
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	25.17
	+ Double Play 100-200 Mbps (HH10)	25.17
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	36.37
	+ Double Play 200-999 Mbps (HH13)	36.37
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	41.57
	+ Triple Play 200-999 Mbps (HH15)	41.57
	+ Triple Play >1 Gbps Mbps (HH17)	41.57
	Czechia	EU
		11.12
		11.12
		14.34
		14.10
		20.01
		20.21
		19.03

Prices in Czechia compared with EU average*

HH9	HH10	HH11
+11%	+9%	+57%
HH12	HH13	HH14
+33%	+22%	+18%
HH15	HH16	HH17
+22%	+41%	+17%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Nej.cz / Vodafone Nej Net 100 Mbps / 6GB data and calls onnet calls + 30	43.28	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Nej.cz / Vodafone Nej Net 100 Mbps / 6GB data and calls onnet calls + 30	43.28	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Nej.cz / o2 Czech Republic Nej Net 100 Mbps / FREE+ Bronzový	90.84	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Nej.cz / o2 Czech Republic Nej Net 500 Mbps / FREE+ Bronzový	68.52	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Nej.cz / o2 Czech Republic Nej Net 300 Mbps / FREE+ Bronzový	57.07	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Nej.cz / Vodafone Czech Republic Nej Net 300 Mbps / Super	62.28	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Nej.cz / Vodafone Czech Republic Nej Net 500 Mbps / Super	73.72	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Nej.cz / Vodafone Czech Republic Nej Net 500 Mbps / Super	115.29	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Nej.cz / Vodafone Czech Republic Nej Net 1000 Mbps / Super	81.53	69.68

Mobile Broadband

Price development

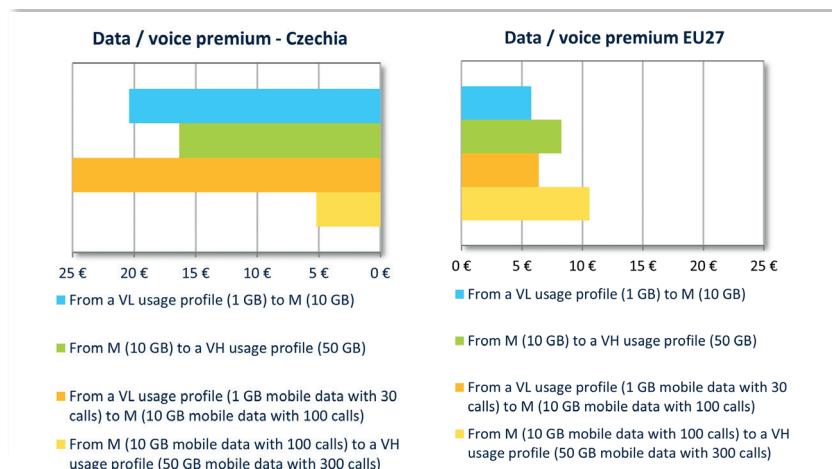
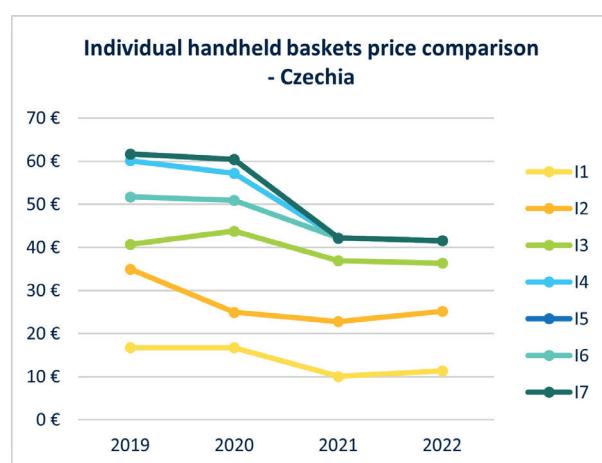
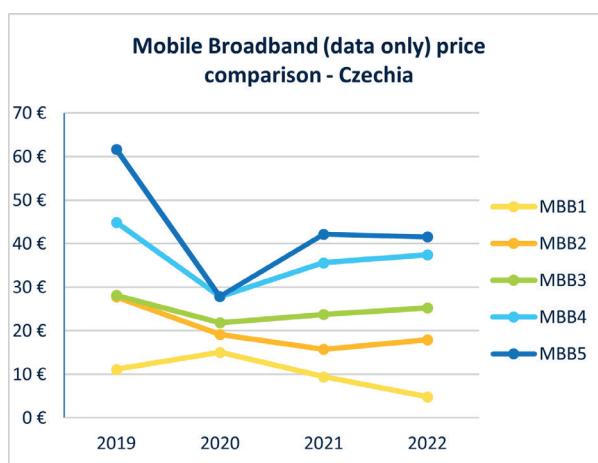
Prices for mobile broadband data services in Czechia fell slightly (5 %) compared to the previous year (2021). Prices for services including 5 GB - 20 GB data rose between 5 % and 13 %. Prices for offers including 1 GB mobile data with no calls fell very considerably. Services including voice and up to 5 GB data increased in price by 10 % (2 % increase across all mobile broadband services with voice).

Market competition

Vodafone Czech Republic provides least expensive offers in most of the service bundles on the market in Czechia (9 of 12). T-Mobile Czech Republic and o2 Czech Republic provide the remainder.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Czechia are much higher than the EU average. However, the lowest price of offers for consumers requiring 1 GB mobile data with no calls is slightly lower than the EU average.



Prices in Czechia compared with EU average*		
MBB1	MBB2	MBB3
-18%	+90%	+117%
MBB4	MBB5	I1
+132%	+109%	+31%
I2	I3	I4
+119%	+142%	+94%
I5	I6	I7
+62%	+112%	+67%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Vodafone Czech Republic 1,2GB data	4.83	5.88
MBB2: 5 GB mobile data with no calls	Vodafone Czech Republic 6GB data and calls	17.94	9.43
MBB3: 10 GB mobile data with no calls	T-Mobile Czech Republic Mobile 5G Internet 12GB	25.23	11.64
MBB4: 20 GB mobile data with no calls	T-Mobile Czech Republic Mobile 5G unlimited	37.46	16.15
MBB5: 50 GB mobile data with no calls	Vodafone Czech Republic Super	41.57	19.89
I1: 1 GB mobile data with 30 calls	Vodafone Czech Republic Volley Edition	11.32	8.63
I2: 5 GB mobile data with 30 calls	Vodafone Czech Republic 6GB data and calls onnet calls + 30	25.17	11.52
I3: 10 GB mobile data with 100 calls	o2 Czech Republic FREE+ Bronzový	36.37	15.02
I4: 20 GB mobile data with 300 calls	Vodafone Czech Republic Super	41.57	21.41
I5: 50 GB mobile data with 300 calls	Vodafone Czech Republic Super	41.57	25.59
I6: 20 GB mobile data with 30 calls	Vodafone Czech Republic Super	41.57	19.64
I7: 50 GB mobile data with 100 calls	Vodafone Czech Republic Super	41.57	24.86



Denmark



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Country report 2022

ISPs in sample

Fastspeed | Fibia | Norlys | TDC | Telenor

MNOs in sample

Hi3G | TDC | Telenor

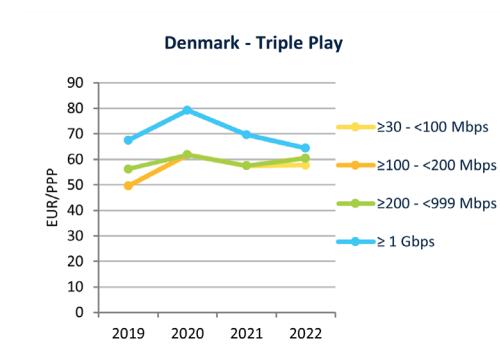
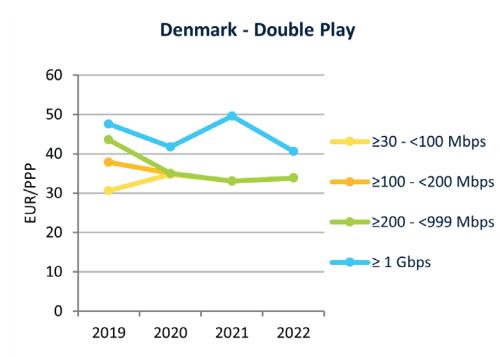
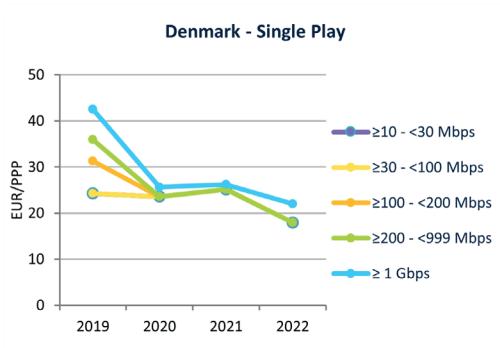
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, for Standalone broadband on average, prices in Denmark fell by 25 %. In contrast, for consumers requiring fixed internet < 1 Gbps Double and Triple Play, the prices rose slightly (by up to 5%). Bundles in the Gigabit basket decreased by 18 % (Double Play) and 7% (Triple Play)



Market competition

Fastspeed provides the highest number of least expensive offers across all service bundles on the market in Denmark (5 of 13). Norlys and Fibia provide the remainder.

EU comparison

Prices for fixed broadband in Denmark show a different pattern compared to EU27 countries overall. Whereas consumers requiring $\geq 100 - <200$ Mbps fixed internet with fixed phone and TV find offers much higher than the EU average, those seeking ≥ 1 Gbps fixed internet find prices lower than the EU average.

Prices in Denmark compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-10%	-23%	+60%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-16%	+18%	+63%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-28%	+4%	+50%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-37%	-7%	+27%	

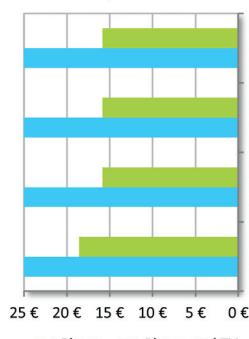
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

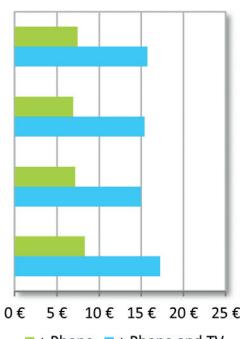
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Fastspeed 300/60 Mbit	17.98	19.62
≥30 - <100 Mbps fixed internet	Fastspeed 300/60 Mbit	17.98	19.96
≥100 - <200 Mbps fixed internet	Fastspeed 300/60 Mbit	17.98	21.32
≥200 - <999 Mbps fixed internet	Fastspeed 300/60 Mbit	17.98	24.94
≥ 1 Gbps fixed internet	Fastspeed 100/100 Mbit (via TDC fiber)	22.01	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Fibia Wow Fiber Basic + Landline Consumption	33.83	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Fibia Wow Fiber Basic + Landline Consumption	33.83	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Fibia Wow Fiber Basic + Landline Consumption	33.83	32.6
≥ 1 Gbps fixed internet with fixed phone	Fibia Wow Fiber Extra + Landline Consumption	40.58	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Norlys 30/30 Mbit	57.69	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Norlys 200/50 Mbit	60.46	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Norlys 200/50 Mbit	60.46	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Norlys 1000/100 Mbit	64.48	50.65

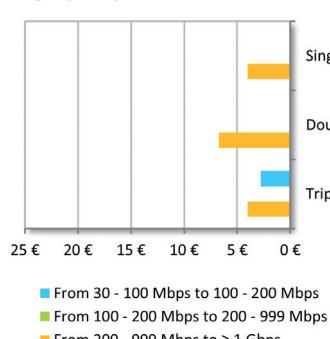
Bundle premium - Denmark



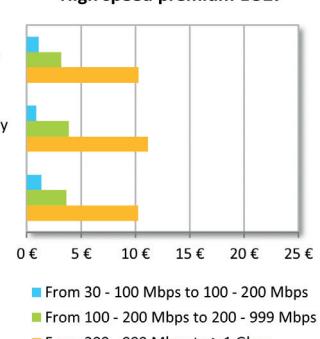
Bundle premium - EU27



High speed premium - Denmark



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Denmark fell noticeably. For $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile prices only fell slightly (by 6%).

EU comparison

Prices for household broadband baskets in Denmark show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile find offers lower than the EU average, those seeking $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile find prices significantly higher than the EU average.

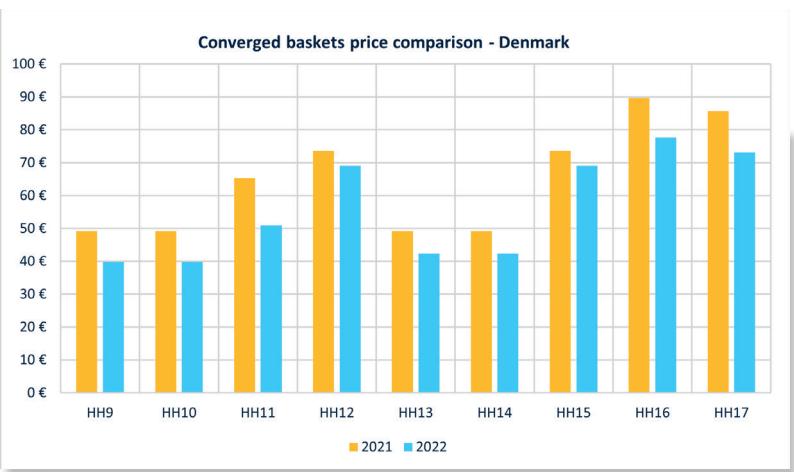
Bundle premium - mobile component - in € [PPP]			
		Denmark	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	5.94	11.12
	+ Double Play 100-200 Mbps (HH10)	5.94	11.12
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	8.58	14.34
	+ Double Play 200-999 Mbps (HH13)	8.58	14.10
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	8.58	20.01
	+ Triple Play 200-999 Mbps (HH15)	8.58	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	8.58	19.03

Prices in Denmark compared with EU average*

HH9	HH10	HH11
● +2%	● -0%	● -12%
HH12	HH13	HH14
● +34%	● -9%	● -19%

HH15	HH16	HH17
● +14%	● -5%	● +5%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Fibia / Hi3G Wow Fiber Basic + Landline Consumption / Oister 6 timers 6 GB	39.77	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Fibia / Hi3G Wow Fiber Basic + Landline Consumption / Oister 6 timers 6 GB	39.77	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Fibia / Hi3G Wow Fiber Basic + Landline Consumption / Oister 40 GB	50.99	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Norlys / Hi3G 200/50 Mbit / Oister 40 GB	69.04	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Fibia / Hi3G Wow Fiber Basic + Landline Consumption / Oister 40 GB	42.41	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Fibia / Hi3G Wow Fiber Basic + Landline Consumption / Oister 40 GB	42.41	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Norlys / Hi3G 200/50 Mbit / Oister 40 GB	69.04	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Norlys / Hi3G 200/50 Mbit / Oister 40 GB	77.62	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Norlys / Hi3G 1000/100 Mbit / Oister 40 GB	73.06	69.68

Mobile Broadband

Price development

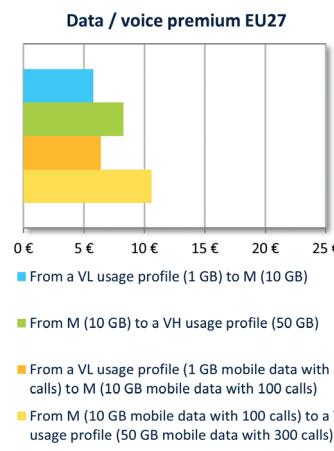
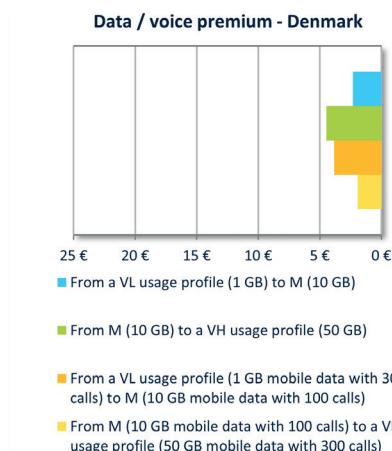
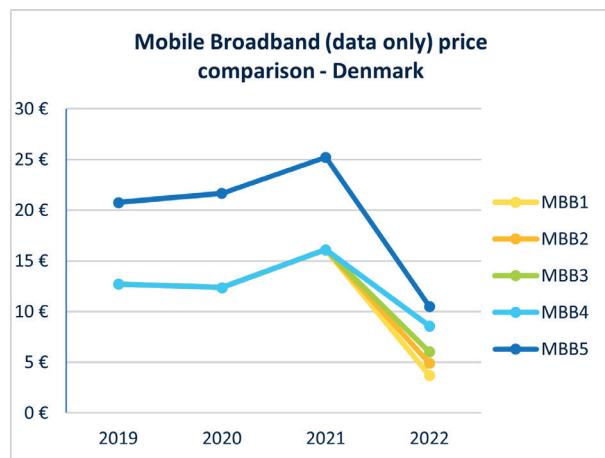
Compared to 2021, averaging over the usage baskets shown, prices in Denmark fell to less than half (62% for data only services and 55 % for mobile services including voice).

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Denmark are half the EU average. No offers were found to be more expensive than the EU average.

Market competition

Hi3G provides least expensive offers for the majority of service bundles on the market in Denmark (9 of 12). TDC provides the remainder



Prices in Denmark compared with EU average*		
MBB1	MBB2	MBB3
-37%	-48%	-48%
MBB4	MBB5	I1
-47%	-47%	-45%
I2	I3	I4
-48%	-43%	-60%
I5	I6	I7
-59%	-56%	-58%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Hi3G Oister Basic	3.72	5.88
MBB2: 5 GB mobile data with no calls	Hi3G Oister 6 GB data	4.93	9.43
MBB3: 10 GB mobile data with no calls	Hi3G 10 GB data (DK only)	6.04	11.64
MBB4: 20 GB mobile data with no calls	Hi3G Oister 40 GB	8.58	16.15
MBB5: 50 GB mobile data with no calls	TDC eesy 60GB	10.51	19.89
I1: 1 GB mobile data with 30 calls	Hi3G Oister Basic	4.74	8.63
I2: 5 GB mobile data with 30 calls	Hi3G Oister 6 timers 6 GB	5.94	11.52
I3: 10 GB mobile data with 100 calls	Hi3G Oister 40 GB	8.58	15.02
I4: 20 GB mobile data with 300 calls	Hi3G Oister 40 GB	8.58	21.41
I5: 50 GB mobile data with 300 calls	TDC eesy 60GB	10.51	25.59
I6: 20 GB mobile data with 30 calls	Hi3G Oister 40 GB	8.58	19.64
I7: 50 GB mobile data with 100 calls	TDC eesy 60GB	10.51	24.86



Estonia



Old Town from Toompea Hill by Richard, flickr.com. CC BY 2.0

Country report 2022

ISPs in sample

Elisa Eesti | STV | Telia

MNOs in sample

Elisa Eesti | Tele2 Eesti | Telia

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across baskets on average, prices in Estonia fell noticeably (between 9 % and 18 %). In contrast, for consumers requiring $\geq 30 - <100$ Mbps fixed internet, prices remained nearly unchanged.



Market competition

STV provides least expensive offers for the majority of service bundles on the market in Estonia (10 of 13). Elisa Eesti and Telia provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Estonia are significantly higher than the EU average. However, the lowest price of offers for consumers requiring $\geq 30 - <100$ Mbps Double Play is considerably lower than the EU average.

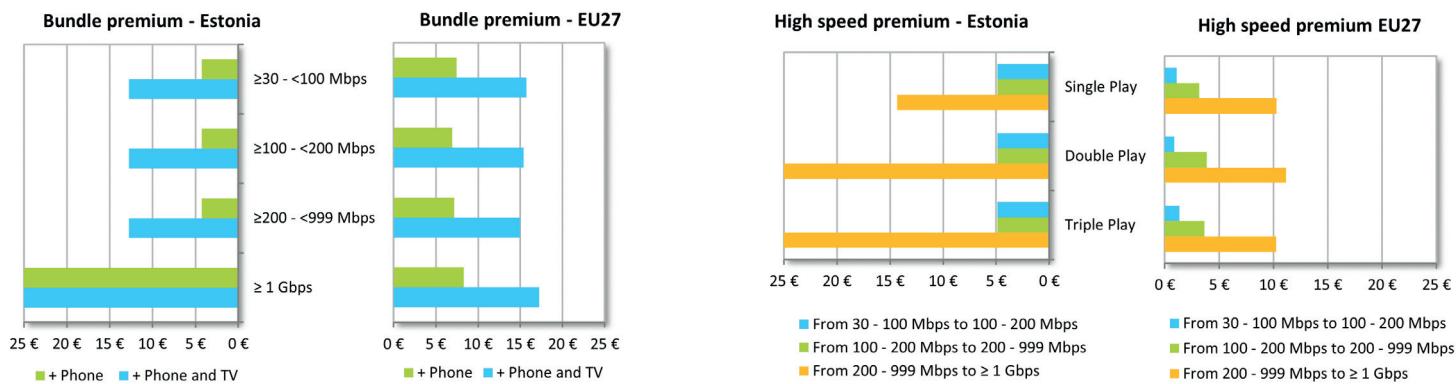
Prices in Estonia compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+16%	-37%	-0%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+32%	+12%	+10%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+32%	+14%	+13%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+34%	+110%	+96%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	STV Kiirus 20/20	18.3	19.62
≥30 - <100 Mbps fixed internet	STV Kiirus 50/50	23.18	19.96
≥100 - <200 Mbps fixed internet	STV Kiirus 100/100	28.06	21.32
≥200 - <999 Mbps fixed internet	STV Kiirus 250/250	32.94	24.94
≥ 1 Gbps fixed internet	Elisa Eesti Piiramatu	47.26	35.17
≥30 - <100 Mbps fixed internet with fixed phone	STV Kiirus 50/50	27.42	27.84
≥100 - <200 Mbps fixed internet with fixed phone	STV Kiirus 100/100	32.3	28.73
≥200 - <999 Mbps fixed internet with fixed phone	STV Kiirus 250/250	37.18	32.6
≥ 1 Gbps fixed internet with fixed phone	Telia 1 Gbps	91.98	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	STV Kiirus 50/50	35.96	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	STV Kiirus 100/100	40.84	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	STV Kiirus 250/250	45.72	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Telia 1 Gbps	99.45	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Estonia fell noticeably (by 13 %). For ≥200 - <999 Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile, prices only fell slightly (by 2%).

EU comparison

Compared to all EU27 countries, prices for most household broadband baskets in Estonia are slightly higher than the EU average. Only the Gigabit bundle with 1 SIM, 300 calls and 20GB is significantly more expensive (79 %). However, the lowest price of offers for consumers requiring ≥30 - <100 Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile is slightly lower than the EU average.

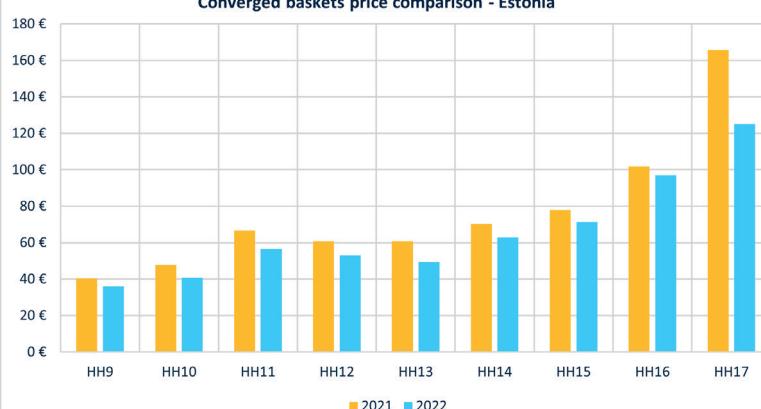
Bundle premium - mobile component - in € [PPP]			
		Estonia	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	8.48	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	8.48	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	12.14	14.34
	+ Double Play 200-999 Mbps (HH13)	12.14	14.10
	+ Double Play 200-999 Mbps (HH14)	25.61	20.01
	+ Triple Play 200-999 Mbps (HH15)	25.61	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	25.61	19.03

Prices in Estonia compared with EU average*

HH9	HH10	HH11
-8%	+2%	-2%
HH12	HH13	HH14
+3%	+6%	+19%
HH15	HH16	HH17
+18%	+18%	+79%

*deviation in percent from the EU average in the respective basket/bundle combination

Converged baskets price comparison - Estonia



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	STV / Tele2 Eesti Kiirus 50/50 / Helista ja Surfa 6,95	35.9	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	STV / Tele2 Eesti Kiirus 100/100 / Helista ja Surfa 6,95	40.78	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	STV / Tele2 Eesti Kiirus 100/100 / Helista ja Surfa 9,95	56.58	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	STV / Tele2 Eesti Kiirus 100/100 / Helista ja Surfa 9,95	52.98	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	STV / Tele2 Eesti Kiirus 250/250 / Helista ja Surfa 9,95	49.32	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	STV / Elisa Eesti Kiirus 250/250 / 21 GB	62.79	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	STV / Elisa Eesti Kiirus 250/250 / 21 GB	71.33	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	STV / Elisa Eesti Kiirus 250/250 / 21 GB	96.94	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Telia / Elisa Eesti 1 Gbps / 21 GB	125.06	69.68

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Mobile Broadband

Price development

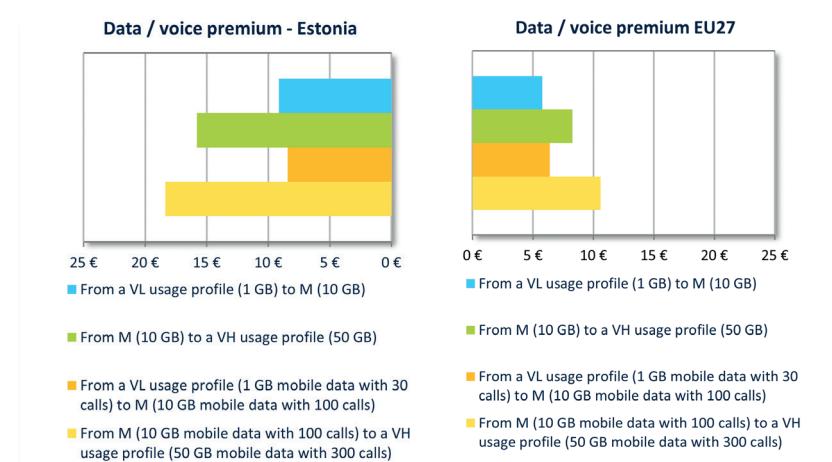
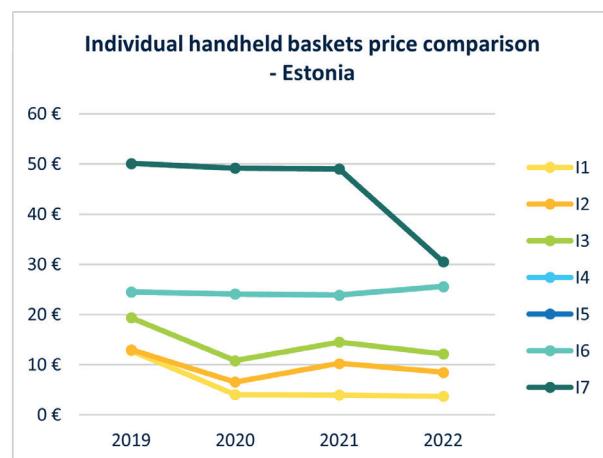
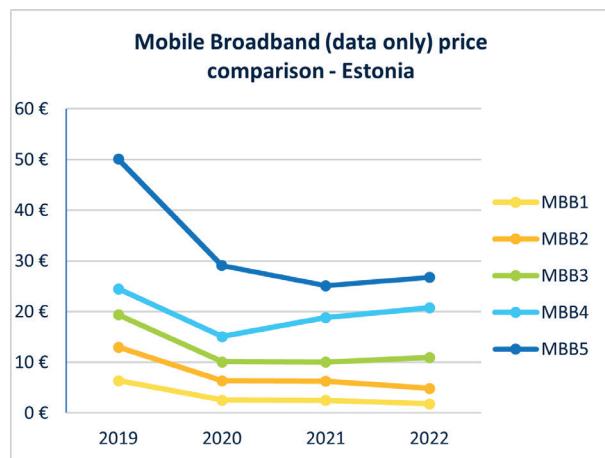
Prices for mobile broadband services in Estonia show a downward trend compared to the previous year (2021). Prices for offers including >5 GB mobile data with no calls rose by up to 10 %, while offers including voice decreased by 15% on average.

EU comparison

Prices for mobile broadband in Estonia show a mixed pattern compared to EU27 countries overall. While baskets with low allowances are sometimes well below the EU average, baskets with medium or high allowances tend to be significantly more expensive.

Market competition

Elisa Eesti provides least expensive offers for half of the service bundles on the market in Estonia (6 of 12). Telia and Tele2 Eesti provide the remainder.



Prices in Estonia compared with EU average*			
MBB1	MBB2	MBB3	
-69%	-48%	-6%	
MBB4	MBB5	I1	
+28%	+35%	-57%	
I2	I3	I4	
-26%	-19%	+20%	
I5	I6	I7	
+19%	+30%	+23%	

*deviation in percent from the EU average in the respective basket/bundle combination

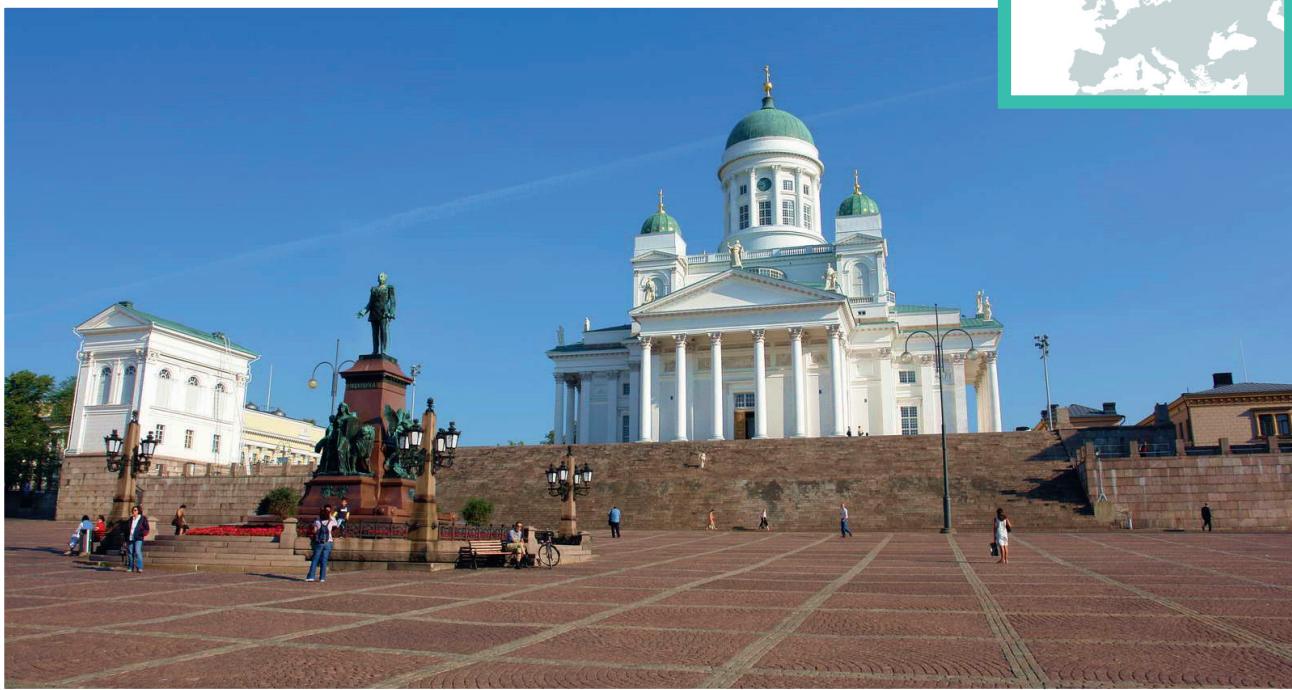
Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Elisa Eesti Eesti lisamaht 1 GB	1.82	5.88
MBB2: 5 GB mobile data with no calls	Elisa Eesti Eesti lisamaht 5 GB	4.87	9.43
MBB3: 10 GB mobile data with no calls	Elisa Eesti Eesti lisamaht 15 GB	10.97	11.64
MBB4: 20 GB mobile data with no calls	Elisa Eesti Monthly Pass L	20.74	16.15
MBB5: 50 GB mobile data with no calls	Tele2 Eesti Surfa Piiramatult	26.78	19.89
I1: 1 GB mobile data with 30 calls	Telia Super 3€	3.71	8.63
I2: 5 GB mobile data with 30 calls	Tele2 Eesti Helista ja Surfa 6,95	8.48	11.52
I3: 10 GB mobile data with 100 calls	Tele2 Eesti Helista ja Surfa 9,95	12.14	15.02
I4: 20 GB mobile data with 300 calls	Elisa Eesti 21 GB	25.61	21.41
I5: 50 GB mobile data with 300 calls	Tele2 Eesti Piiramatu Baltikumis	30.5	25.59
I6: 20 GB mobile data with 30 calls	Elisa Eesti 21 GB	25.61	19.64
I7: 50 GB mobile data with 100 calls	Tele2 Eesti Piiramatu Baltikumis	30.5	24.86



Finland



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Country report 2022

ISPs in sample

Elisa | DNA group | Lounea | Telia

MNOs in sample

Elisa | DNA group | Telia

October 2022 data

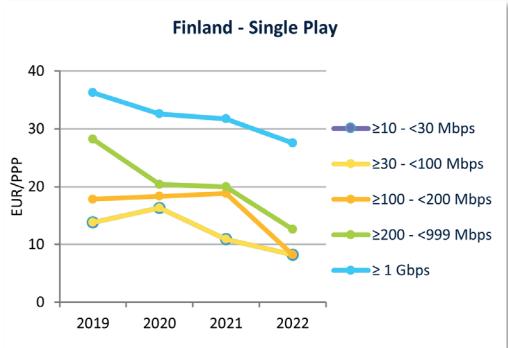
2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

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Fixed Broadband

Price development

Compared to 2021, across all Single Play baskets on average, prices in Finland fell by 30%. The highest decrease is observed for the $\geq 100 - <200$ Mbps basket (56 %). Fixed telephony services are not available in Finland, hence Double Play, Triple Play or Convergent offers are not represented.



Market competition

DNA group provides least expensive offers for all service bundles on the market in Finland.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Finland are half the EU average. No offers were found to be more expensive than the EU average.

Prices in Finland compared with EU average*

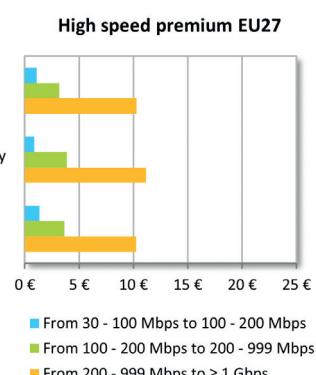
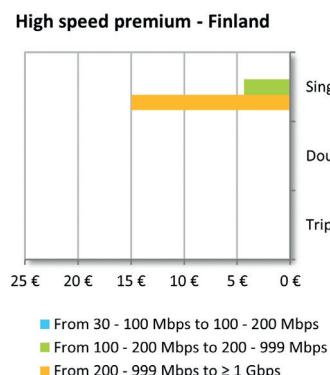
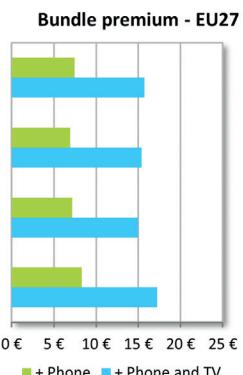
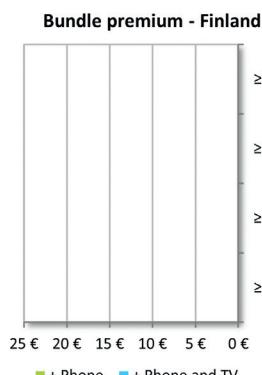
$\geq 30 - <100$ Mbps		
Single Play	Double Play	Triple Play
-59%		
$\geq 100 - <200$ Mbps		
Single Play	Double Play	Triple Play
-61%		
$\geq 200 - <999$ Mbps		
Single Play	Double Play	Triple Play
-50%		
≥ 1 Gbps		
Single Play	Double Play	Triple Play
-22%		

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	DNA group 100M	8.24	19.62
≥30 - <100 Mbps fixed internet	DNA group 100M	8.24	19.96
≥100 - <200 Mbps fixed internet	DNA group 100M	8.24	21.32
≥200 - <999 Mbps fixed internet	DNA group 200M	12.59	24.94
≥ 1 Gbps fixed internet	DNA group 1000M	27.55	35.17
≥30 - <100 Mbps fixed internet with fixed phone	No offers with fixed telephony available	-	27.84
≥100 - <200 Mbps fixed internet with fixed phone	No offers with fixed telephony available	-	28.73
≥200 - <999 Mbps fixed internet with fixed phone	No offers with fixed telephony available	-	32.6
≥ 1 Gbps fixed internet with fixed phone	No offers with fixed telephony available	-	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	No offers with fixed telephony available	-	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	No offers with fixed telephony available	-	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	No offers with fixed telephony available	-	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	No offers with fixed telephony available	-	50.65



Legend:

- From 30 - 100 Mbps to 100 - 200 Mbps
- From 100 - 200 Mbps to 200 - 999 Mbps
- From 200 - 999 Mbps to ≥ 1 Gbps

Mobile Broadband

Price development

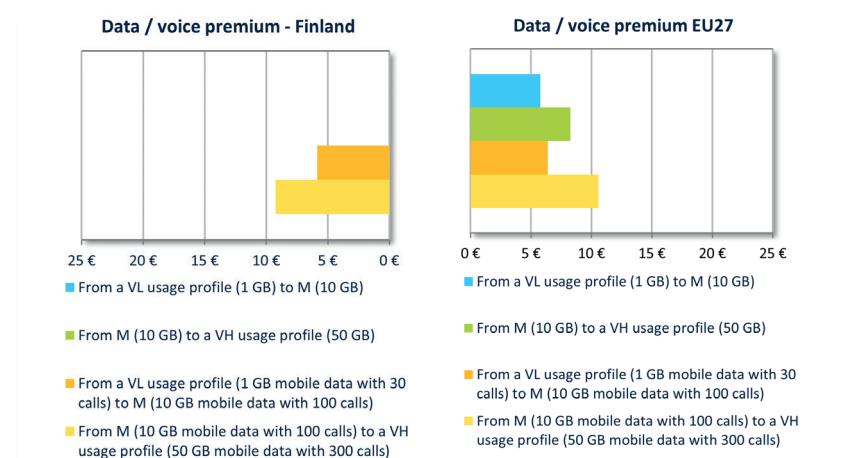
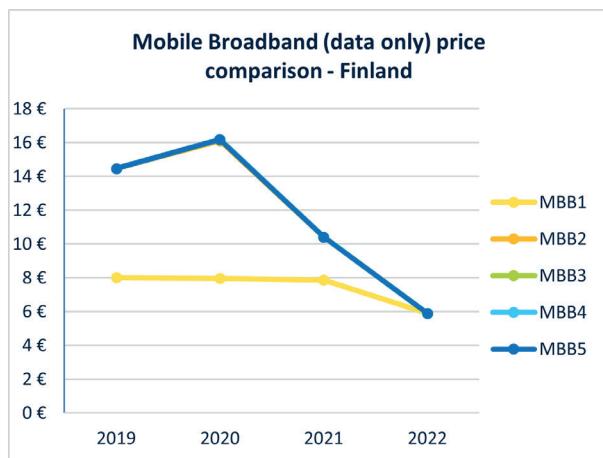
Compared to 2021, averaging over the usage baskets shown, prices in Finland fell by 34 %. In contrast, for consumers requiring 20 GB or 50 GB mobile data with 300 calls, prices rose by 10 %.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Finland are lower than the EU average. However, the lowest price of offers for consumers requiring 1 GB mobile data with no calls is just as high as the EU average.

Market competition

Elisa provides least expensive offers for most service bundles on the market in Finland (10 of 12). DNA group provides the remainder.



Prices in Finland compared with EU average*		
MBB1	MBB2	MBB3
+0%	-37%	-49%
MBB4	MBB5	I1
-63%	-70%	-32%
I2	I3	I4
-49%	-22%	-2%
I5	I6	I7
-18%	-70%	-53%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	5.88
MBB2: 5 GB mobile data with no calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	9.43
MBB3: 10 GB mobile data with no calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	11.64
MBB4: 20 GB mobile data with no calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	16.15
MBB5: 50 GB mobile data with no calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	19.89
I1: 1 GB mobile data with 30 calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	8.63
I2: 5 GB mobile data with 30 calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	11.52
I3: 10 GB mobile data with 100 calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	11.75	15.02
I4: 20 GB mobile data with 300 calls	DNA group DNA Rajaton 4G 10M	21	21.41
I5: 50 GB mobile data with 300 calls	DNA group DNA Rajaton 4G 10M	21	25.59
I6: 20 GB mobile data with 30 calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	5.9	19.64
I7: 50 GB mobile data with 100 calls	Elisa Hanki Saunalahti Prepaid + 5G unlimited	11.75	24.86



France



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Country report 2022

ISPs in sample

Bouygues Télécom | Free | Orange | SFR

MNOs in sample

Free | Orange | SFR

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in France rose considerably (by 12%). For $\geq 100 - < 200$ Mbps fixed internet, prices rose only slightly (by 2%).

Market competition

Bouygues Télécom provides least expensive offers in all service bundles on the market in France.



EU comparison

Prices for fixed broadband in France show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV find offers lower than the EU average, those seeking $\geq 30 - < 100$ Mbps fixed internet find prices slightly higher than the EU average.

Prices in France compared with EU average*			
$\geq 30 - < 100$ Mbps			
Single Play	Double Play	Triple Play	
+18%	-32%	-17%	
$\geq 100 - < 200$ Mbps			
Single Play	Double Play	Triple Play	
+10%	+4%	-20%	
$\geq 200 - < 999$ Mbps			
Single Play	Double Play	Triple Play	
-6%	-8%	-26%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-11%	-28%	-38%	

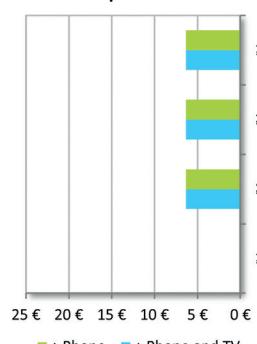
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

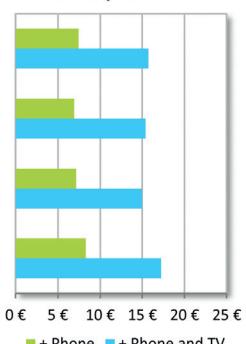
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Bouygues Télécom Bbox fit	23.51	19.62
≥30 - <100 Mbps fixed internet	Bouygues Télécom Bbox fit	23.51	19.96
≥100 - <200 Mbps fixed internet	Bouygues Télécom Bbox fit	23.51	21.32
≥200 - <999 Mbps fixed internet	Bouygues Télécom Bbox fit	23.51	24.94
≥ 1 Gbps fixed internet	Bouygues Télécom Bbox must	31.36	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Bouygues Télécom Bbox fit	29.88	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Bouygues Télécom Bbox fit	29.88	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Bouygues Télécom Bbox fit	29.88	32.6
≥ 1 Gbps fixed internet with fixed phone	Bouygues Télécom Bbox must	31.36	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Bouygues Télécom Bbox fit	29.88	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Bouygues Télécom Bbox fit	29.88	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Bouygues Télécom Bbox fit	29.88	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Bouygues Télécom Bbox must	31.36	50.65

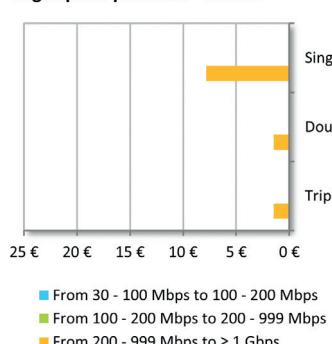
Bundle premium - France



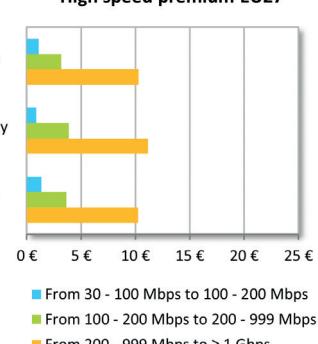
Bundle premium - EU27



High speed premium - France



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in France rose noticeably (by 15%). For $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile, prices rose only slightly (by 9%).

EU comparison

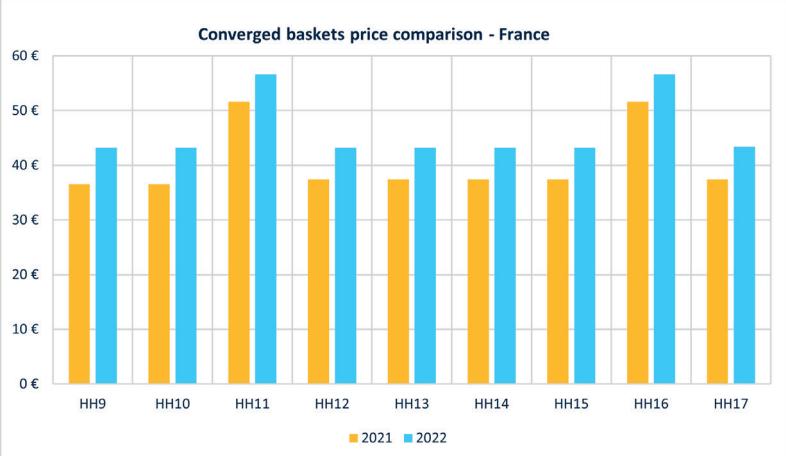
Compared to all EU27 countries, prices for household broadband baskets in France are lower than the EU average. However, the lowest price of offers for consumers requiring $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile is slightly higher than the EU average.

Bundle premium - mobile component - in € [PPP]				
		France	EU	
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	13.37	11.12	
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	13.37	11.12	
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	13.37	14.34	
	+ Double Play 200-999 Mbps (HH13)	13.37	14.10	
	+ Double Play 200-999 Mbps (HH14)	13.37	20.01	
	+ Triple Play 200-999 Mbps (HH15)	13.37	20.21	
	+ Triple Play >1 Gbps Mbps (HH17)	12.02	19.03	

Prices in France compared with EU average*

HH9	HH10	HH11
+11%	+9%	-2%
HH12	HH13	HH14
-16%	-7%	-18%
HH15	HH16	HH17
-29%	-31%	-38%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	56.61	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	43.25	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Bouygues Télécom / Free Bbox fit / Série Free 110 Go Illimité 5G	56.61	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Free Freebox Pop	43.38	69.68

Mobile Broadband

Price development

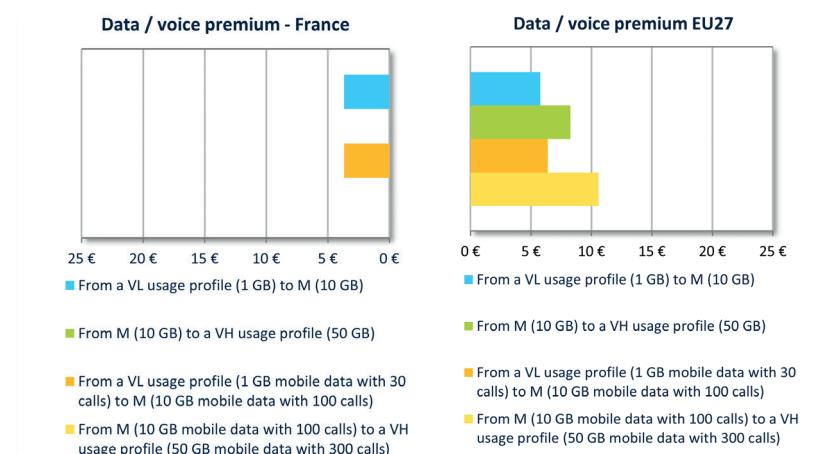
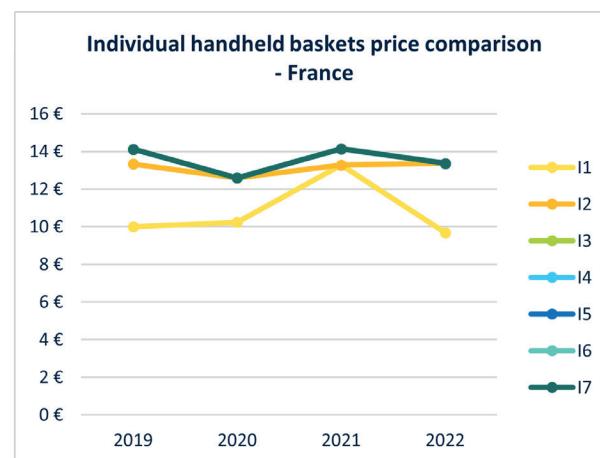
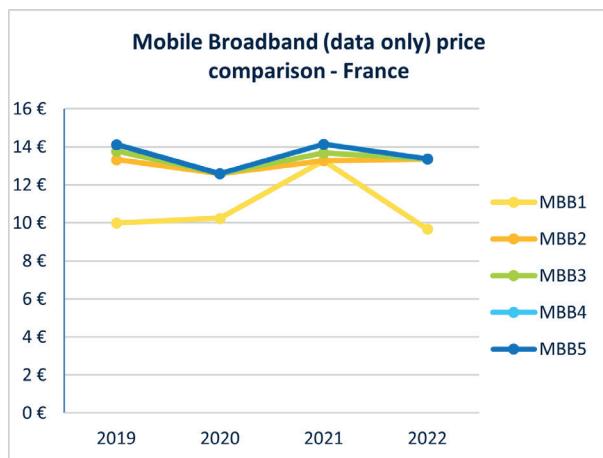
Compared to 2021, averaging over the usage baskets shown, prices in France fell slightly (by 8%). However, the price for 5 GB mobile data remained nearly unchanged.

EU comparison

Prices for mobile broadband in France show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring 50 GB mobile data with 300 calls find offers much lower than the EU average, those seeking 1 GB mobile data with no calls find prices much higher than the EU average.

Market competition

Free provides least expensive offers in most of the service bundles on the market in France (10 of 12). Orange provides the remainder.



Prices in France compared with EU average*

MBB1	MBB2	MBB3
+65%	+42%	+15%
MBB4	MBB5	I1
-17%	-33%	+12%
I2	I3	I4
+16%	-11%	-38%
I5	I6	I7
-48%	-32%	-46%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Orange Forfait 2h 100Mo	9.68	5.88
MBB2: 5 GB mobile data with no calls	Free Série Free 110 Go Illimité 5G	13.37	9.43
MBB3: 10 GB mobile data with no calls	Free Série Free 110 Go Illimité 5G	13.37	11.64
MBB4: 20 GB mobile data with no calls	Free Série Free 110 Go Illimité 5G	13.37	16.15
MBB5: 50 GB mobile data with no calls	Free Série Free 110 Go Illimité 5G	13.37	19.89
I1: 1 GB mobile data with 30 calls	Orange Forfait 2h 100Mo	9.68	8.63
I2: 5 GB mobile data with 30 calls	Free Série Free 110 Go Illimité 5G	13.37	11.52
I3: 10 GB mobile data with 100 calls	Free Série Free 110 Go Illimité 5G	13.37	15.02
I4: 20 GB mobile data with 300 calls	Free Série Free 110 Go Illimité 5G	13.37	21.41
I5: 50 GB mobile data with 300 calls	Free Série Free 110 Go Illimité 5G	13.37	25.59
I6: 20 GB mobile data with 30 calls	Free Série Free 110 Go Illimité 5G	13.37	19.64
I7: 50 GB mobile data with 100 calls	Free Série Free 110 Go Illimité 5G	13.37	24.86



Germany



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Country report 2022

ISPs in sample

Deutsche Telekom | Telefonica Germany (o2)
| Vodafone | 1&1 Telecom

MNOs in sample

Deutsche Telekom | Telefonica Germany (o2)
| Vodafone |

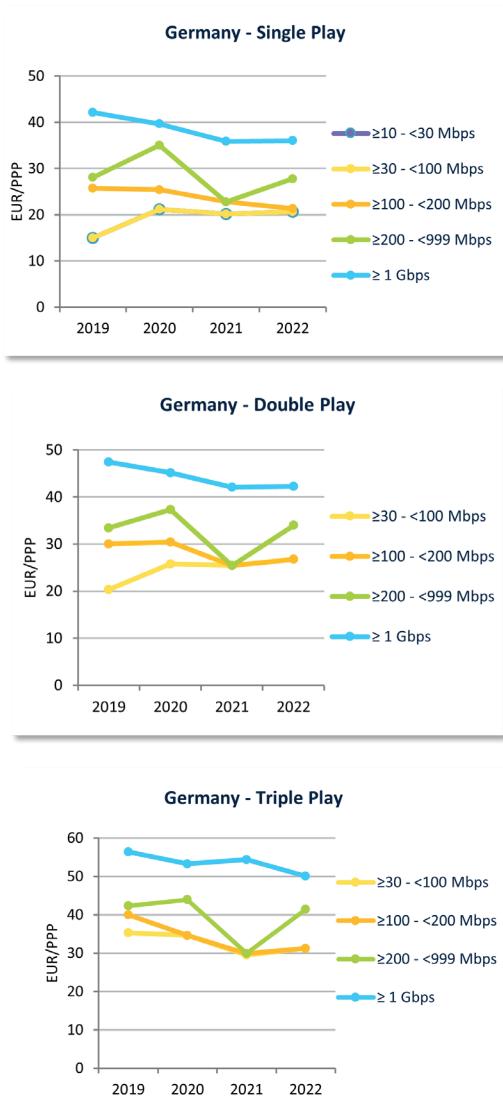
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Germany rose by 5%. In contrast, for consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV, the price decreased by 8%.



Market competition

Vodafone provides least expensive offers in the majority of service bundles on the market in Germany (7 of 13). 1&1 Telecom and Telefonica Germany (o2) provide the remainder.

EU comparison

Prices for fixed broadband in Germany show a similar pattern compared to EU27 countries overall, except for Double Play 30-100 Mbps, which is significantly less expensive in Germany than the EU average.

Prices in Germany compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
● +3%	● -39%	● -13%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
● +0%	● -7%	● -16%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
● +11%	● +4%	● +2%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
● +2%	● -3%	● -1%	

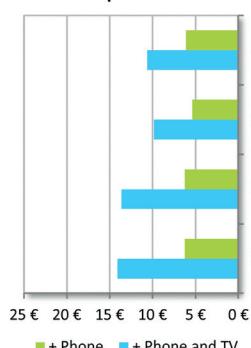
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

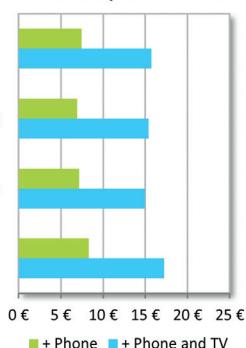
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Vodafone 50 Mbit/s	20.63	19.62
≥30 - <100 Mbps fixed internet	Vodafone 50 Mbit/s	20.63	19.96
≥100 - <200 Mbps fixed internet	1&1 Telecom DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB	21.37	21.32
≥200 - <999 Mbps fixed internet	Vodafone 250 Mbit/s	27.75	24.94
≥ 1 Gbps fixed internet	Vodafone 1000 Mbit/s CableMax	36.01	35.17
≥30 - <100 Mbps fixed internet with fixed phone	1&1 Telecom DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB	26.75	27.84
≥100 - <200 Mbps fixed internet with fixed phone	1&1 Telecom DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB	26.75	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Vodafone 250 Mbit/s	34	32.6
≥ 1 Gbps fixed internet with fixed phone	Vodafone 1000 Mbit/s CableMax	42.25	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	1&1 Telecom DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB + 1&1 HD TV	31.24	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	1&1 Telecom DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB + 1&1 HD TV	31.24	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Telefonica Germany (o2) O2 my Home L + O2 TV M	41.38	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Vodafone 1000 Mbit/s + GigaTV Cable	50.12	50.65

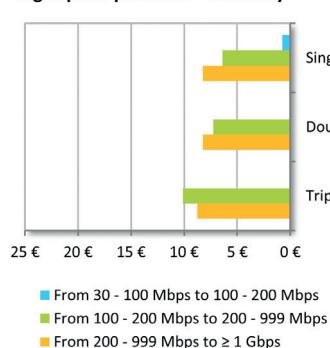
Bundle premium - Germany



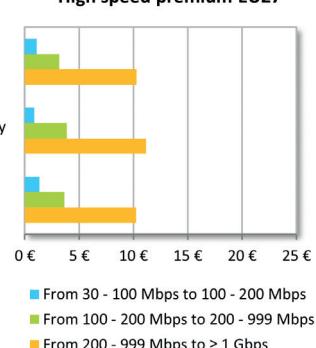
Bundle premium - EU27



High speed premium - Germany



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Germany rose slightly. In contrast, for consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile, prices fell slightly (by 6%).

EU comparison

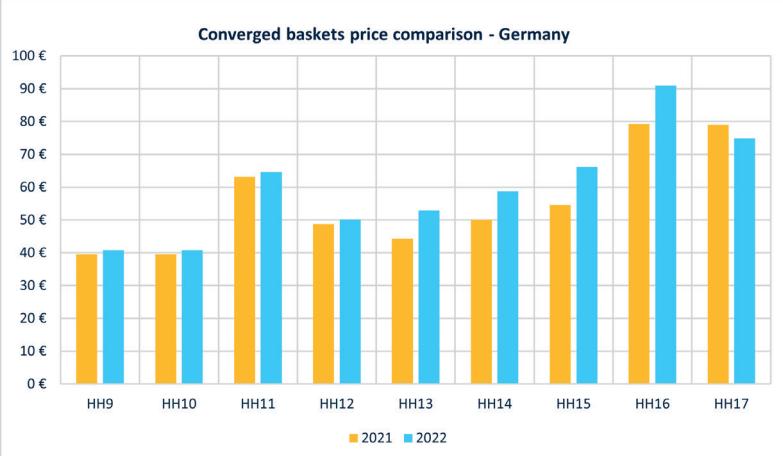
Compared to all EU27 countries, prices for household broadband baskets in Germany are slightly higher than the EU average, with exception of the $\geq 100 - <200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile basket.

Bundle premium - mobile component - in € [PPP]			
		Germany	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	14.09	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	14.09	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	18.92	14.34
	+ Double Play 200-999 Mbps (HH13)	18.92	14.10
	+ Double Play 200-999 Mbps (HH14)	24.75	20.01
	+ Triple Play 200-999 Mbps (HH15)	24.75	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	24.75	19.03

Prices in Germany compared with EU average*

HH9	HH10	HH11
+5%	+2%	+11%
HH12	HH13	HH14
-3%	+13%	+12%
HH15	HH16	HH17
+9%	+11%	+7%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: ≥30 - <100 Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	1&1 Telecom / Vodafone DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB / CallYa Allnet Flat M 6GB of data	40.84	38.96
HH10: ≥100 - <200 Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	1&1 Telecom / Vodafone DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB / CallYa Allnet Flat M 6GB of data	40.84	39.85
HH11: ≥100 - <200 Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	1&1 Telecom / Vodafone DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB / CallYa Digital 15GB of data	64.59	57.95
HH12: ≥100 - <200 Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	1&1 Telecom / Vodafone DSL 100 MBit/s + 1&1 All-Net-Flat 1 GB + 1&1 HD TV / CallYa Digital 15GB of data	50.16	51.54
HH13: ≥200 - <999 Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Vodafone / Vodafone 250 Mbit/s / CallYa Digital 15GB of data	52.92	46.69
HH14: ≥200 - <999 Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Vodafone / Telefonica (o2) 250 Mbit/s / O2 Free M 20 GB	58.75	52.61
HH15: ≥200 - <999 Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Telefonica Germany (o2) / Telefonica (o2) O2 my Home L + O2 TV M / O2 Free M 20 GB	66.13	60.58
HH16: ≥200 - <999 Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Telefonica Germany (o2) / Telefonica (o2) O2 my Home L + O2 TV M / O2 Free M 20 GB	90.88	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone / Telefonica (o2) 1000 Mbit/s + GigaTV Cable / O2 Free M 20 GB	74.88	69.68

Mobile Broadband

Price development

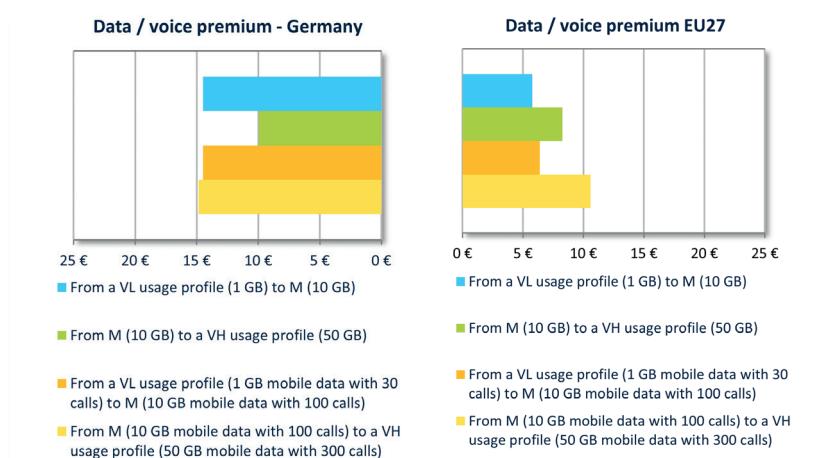
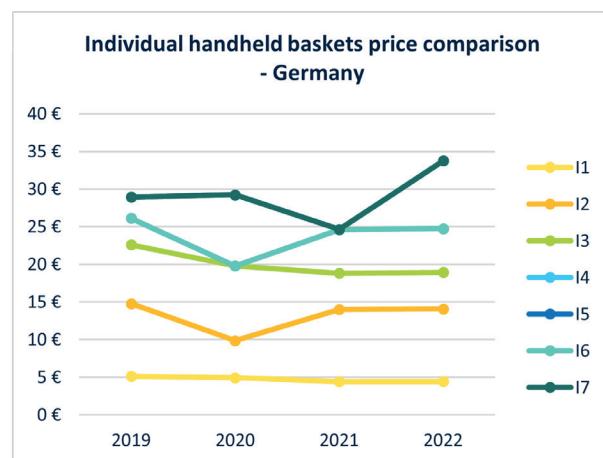
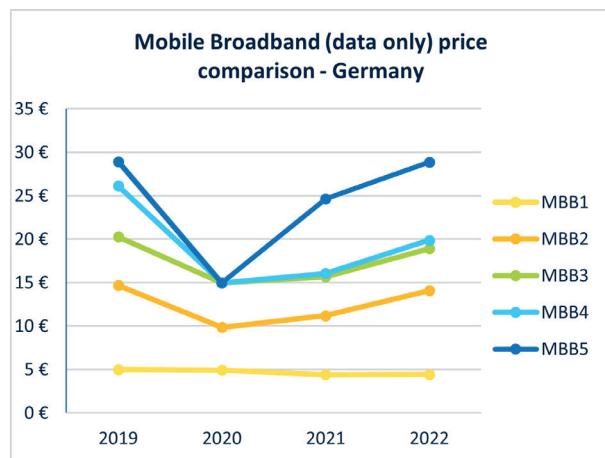
Compared to 2021, there is a mixed trend for mobile broadband prices in Germany. While prices for half of the baskets remained unchanged, they rose considerably (between 17% and 36%) for data only baskets and those including voice and 50GB of data.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Germany are significantly higher than the EU average. However, the lowest price of offers for consumers requiring 1 GB mobile data both with 30 calls or no calls is much lower than the EU average.

Market competition

Vodafone and Telefonica Germany (o2) each provide least expensive offers in half of all service bundles on the market in Germany.



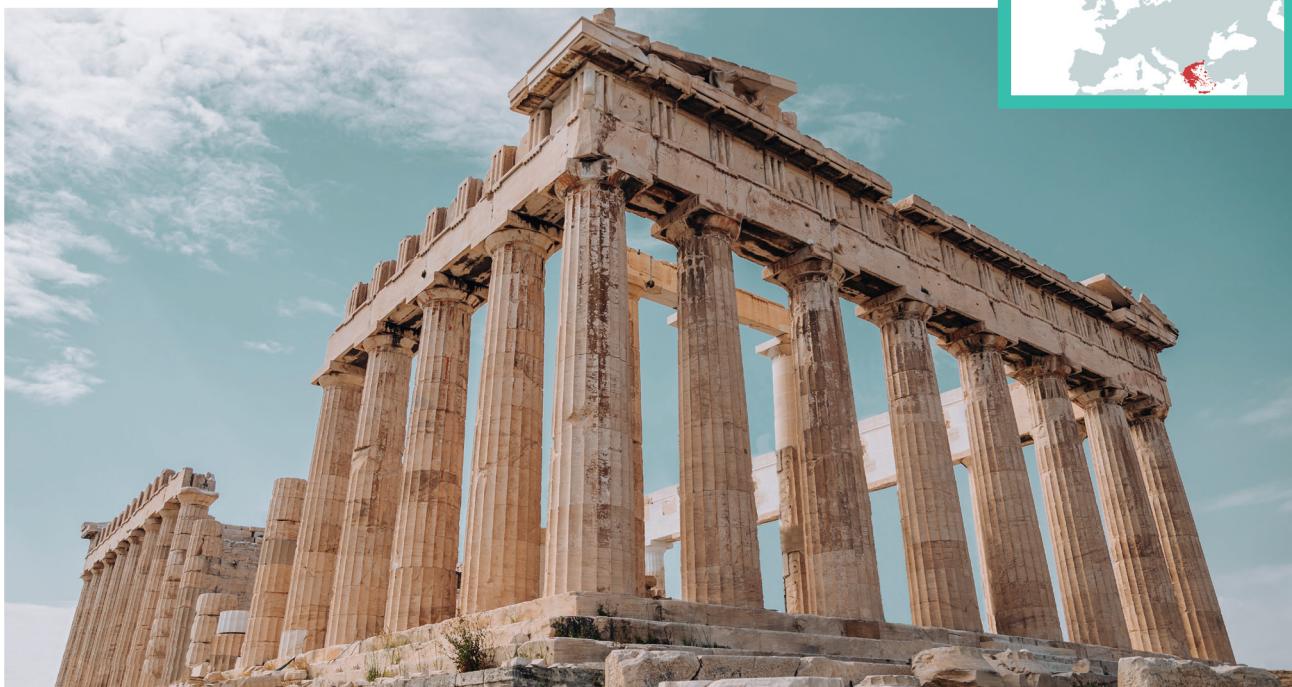
Prices in Germany compared with EU average*			
MBB1	MBB2	MBB3	
-25%	+49%	+63%	
MBB4	MBB5	I1	
+23%	+45%	-49%	
I2	I3	I4	
+22%	+26%	+16%	
I5	I6	I7	
+32%	+26%	+36%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Vodafone CallYa StartWith 1GB of data	4.44	5.88
MBB2: 5 GB mobile data with no calls	Vodafone CallYa Allnet Flat M 6GB of data	14.09	9.43
MBB3: 10 GB mobile data with no calls	Vodafone CallYa Digital 15GB of data	18.92	11.64
MBB4: 20 GB mobile data with no calls	Telefonica Germany (o2) O2 my Data M	19.88	16.15
MBB5: 50 GB mobile data with no calls	Telefonica Germany (o2) O2 my Data L	28.88	19.89
I1: 1 GB mobile data with 30 calls	Vodafone CallYa StartWith 1GB of data	4.44	8.63
I2: 5 GB mobile data with 30 calls	Vodafone CallYa Allnet Flat M 6GB of data	14.09	11.52
I3: 10 GB mobile data with 100 calls	Vodafone CallYa Digital 15GB of data	18.92	15.02
I4: 20 GB mobile data with 300 calls	Telefonica Germany (o2) O2 Free M 20 GB	24.75	21.41
I5: 50 GB mobile data with 300 calls	Telefonica Germany(o2) O2 Free L Boost 60 GB	33.76	25.59
I6: 20 GB mobile data with 30 calls	Telefonica Germany(o2) O2 Free M 20 GB	24.75	19.64
I7: 50 GB mobile data with 100 calls	Telefonica Germany (o2) O2 Free L Boost 60 GB	33.76	24.86



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Country report 2022

ISPs in sample

Nova | OTE | Vodafone | Wind

MNOs in sample

OTE | Vodafone | Wind

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions.

Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Greece fell noticeably (by 13%). In contrast, for consumers requiring $\geq 10 - <30$ Mbps fixed internet, prices rose slightly (by 7%).



Market competition

Nova provides least expensive offers across most service bundles on the market in Greece (9 of 12). OTE and Wind provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Greece show a mixed pattern compared with the EU average. While the lowest price of offers for $\geq 30 - <100$ Mbps Double Play is significantly lower than the EU average, offers in the Gigabit basket are drastically more expensive.

Prices in Greece compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
● +23%	● -44%	● -9%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
● +30%	● -4%	● -3%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
● +41%	● +8%	● +7%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
● +146%	● +98%	●	

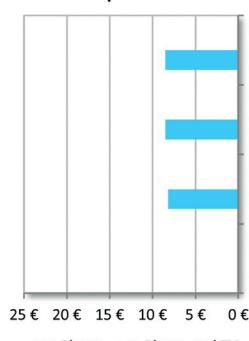
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

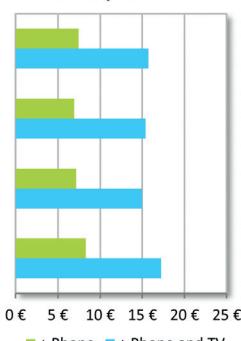
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Nova Fiber 50	24.46	19.62
≥30 - <100 Mbps fixed internet	Nova Fiber 50	24.46	19.96
≥100 - <200 Mbps fixed internet	Nova Fiber 100	27.65	21.32
≥200 - <999 Mbps fixed internet	Nova Fiber 200	35.09	24.94
≥ 1 Gbps fixed internet	OTE Fiber 1 Gbps Unlimited	86.54	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Nova Fiber 50	24.46	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Nova Fiber 100	27.65	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Nova Fiber 200	35.09	32.6
≥ 1 Gbps fixed internet with fixed phone	OTE Fiber 1 Gbps Unlimited	86.54	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Nova EON Fiber 50	32.96	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Nova EON Fiber 100	36.15	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Wind WIND Fiber to the Home 200 + EON	43.28	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	0 0	-	50.65

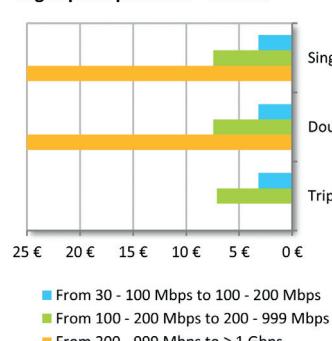
Bundle premium - Greece



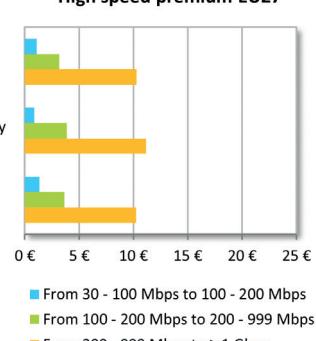
Bundle premium - EU27



High speed premium - Greece



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

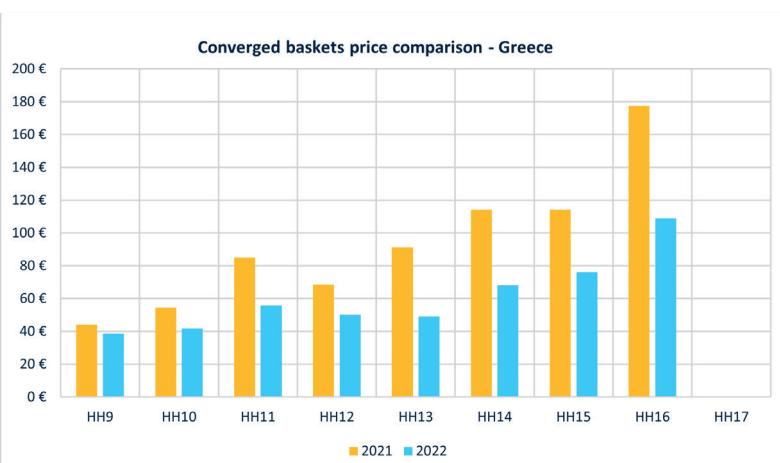
Price development

Compared to 2021, averaging over the usage baskets shown, prices in Greece fell considerably (by 28%).

EU comparison

Compared to all EU27 countries, prices for household broadband baskets in Greece show a mixed pattern compared to the EU average. While the prices for baskets with higher allowances are considerably more expensive, prices for the rest of the baskets are more or less average.

Bundle premium - mobile component - in € [PPP]		
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	14.04
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	14.04
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	14.04
	+ Double Play 200-999 Mbps (HH13)	14.04
	+ Double Play 200-999 Mbps (HH14)	32.83
	+ Triple Play 200-999 Mbps (HH15)	32.83
	+ Triple Play >1 Gbps Mbps (HH17)	#NV
	Greece	EU
		11.12
		11.12
		14.34
		14.10
		20.01
		20.21
		19.03



Prices in Greece compared with EU average*

HH9	HH10	HH11
-1%	+5%	-4%
HH12	HH13	HH14
-3%	+5%	+29%
HH15	HH16	HH17
+26%	+33%	-

*deviation in percent from the EU average in the respective basket/bundle combination

Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Nova / Vodafone Fiber 50 / Vodafone international Voice and Internet package (30 days)	38.49	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Nova / Vodafone Fiber 100 / Vodafone international Voice and Internet package (30 days)	41.68	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Nova / Vodafone Fiber 100 / Vodafone international Voice and Internet package (30 days)	55.72	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Nova / Vodafone EON Fiber 100 / Vodafone international Voice and Internet package (30 days)	50.19	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Nova / Vodafone Fiber 200 / Vodafone international Voice and Internet package (30 days)	49.13	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Nova / OTE Fiber 200 / Cosmote Neo - 20 GB (500 min)	67.92	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Wind / OTE WIND Fiber to the Home 200 + EON / Cosmote Neo - 20 GB (500 min)	76.1	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Wind / OTE WIND Fiber to the Home 200 + EON / Cosmote Neo - 20 GB (500 min)	108.93	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile		-	69.68

Mobile Broadband

Price development

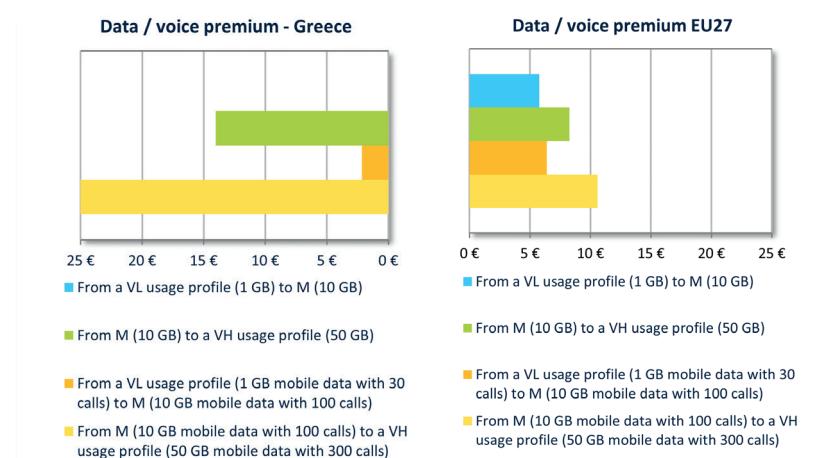
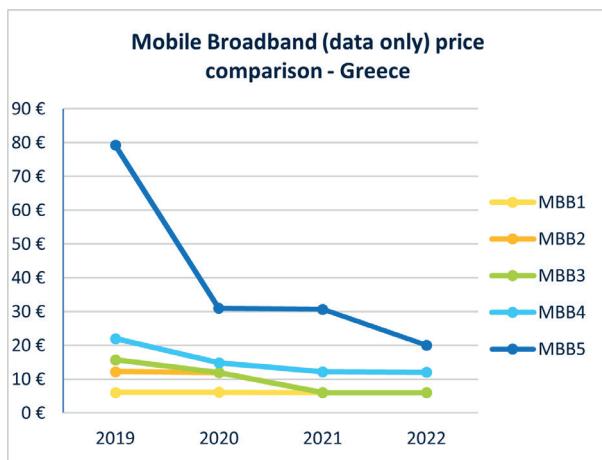
Compared to 2021, averaging over the usage baskets shown, prices in Greece fell by 17%. For the 1 GB mobile data with no calls basket, prices remained nearly unchanged.

Market competition

Vodafone provides least expensive offers across most of the service bundles on the market in Greece (7 of 12). OTE and Wind provide the remainder.

EU comparison

Prices for mobile broadband in Greece show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring 50 GB mobile data with 100 calls find offers nearly twice as high as the EU average, those seeking 10 GB mobile data with no calls find prices much lower than the EU average.



Prices in Greece compared with EU average*

Category	MBB1	MBB2	MBB3
MBB1	+2%	-36%	-48%
MBB2	-25%	+1%	+38%
MBB3	+22%	-7%	+53%
MBB4	+85%	+44%	+91%
MBB5			
I1			
I2			
I3			
I4			
I5			
I6			
I7			

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Vodafone Giga WiFi SIM card & Giga Boost 10 GB	6.02	5.88
MBB2: 5 GB mobile data with no calls	Vodafone Giga WiFi SIM card & Giga Boost 10 GB	6.02	9.43
MBB3: 10 GB mobile data with no calls	Vodafone Giga WiFi SIM card & Giga Boost 10 GB	6.02	11.64
MBB4: 20 GB mobile data with no calls	Vodafone Giga WiFi SIM card & Giga Boost 40 GB	12.09	16.15
MBB5: 50 GB mobile data with no calls	Wind F2G Unlimited Data Month	20.05	19.89
I1: 1 GB mobile data with 30 calls	Wind Q Star Auto	11.9	8.63
I2: 5 GB mobile data with 30 calls	Vodafone Vodafone international Voice and Internet package (30 days)	14.04	11.52
I3: 10 GB mobile data with 100 calls	Vodafone Vodafone international Voice and Internet package (30 days)	14.04	15.02
I4: 20 GB mobile data with 300 calls	OTE Cosmote Neo - 20 GB (500 min)	32.83	21.41
I5: 50 GB mobile data with 300 calls	Wind W unlimited GB	47.39	25.59
I6: 20 GB mobile data with 30 calls	Vodafone Vodafone international Voice and Internet package + Internet package 13 GB	28.31	19.64
I7: 50 GB mobile data with 100 calls	Wind W unlimited GB	47.39	24.86



Hungary



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Country report 2022

ISPs in sample

Digi Group | Invitel | Magyar Telekom |
Tarr | Vodafone

MNOs in sample

Magyar Telekom | Vodafone | Yettel

October 2022 data

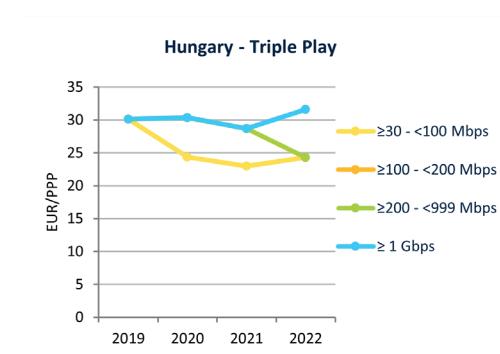
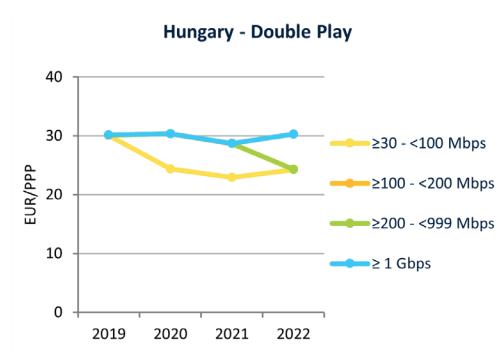
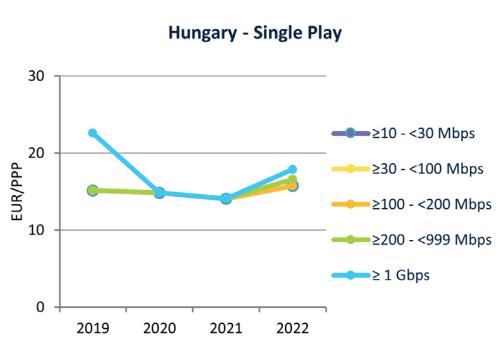
2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

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Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Hungary rose slightly (by 5%). In contrast, for consumers requiring $\geq 100 - < 200$ Mbps fixed internet with fixed phone, prices fell noticeably (by 11%).



Market competition

Digi Group provides least expensive offers in 5 of 13 service bundles on the market in Hungary. Magyar Telekom and Vodafone provide least expensive offers in 4 baskets each.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Hungary are lower than the EU average. No offers were found to be more expensive than the EU average.

Prices in Hungary compared with EU average*			
$\geq 30 - < 100$ Mbps			
Single Play	Double Play	Triple Play	
-21%	-44%	-33%	
$\geq 100 - < 200$ Mbps			
Single Play	Double Play	Triple Play	
-26%	-15%	-35%	
$\geq 200 - < 999$ Mbps			
Single Play	Double Play	Triple Play	
-34%	-26%	-40%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-49%	-31%	-38%	

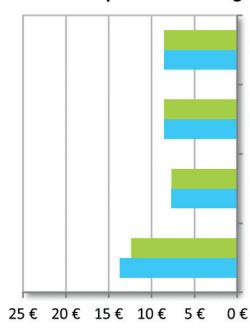
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

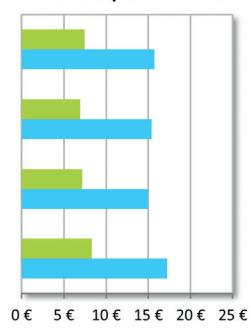
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Digi Group DIGINet 100 (FFTB)	15.73	19.62
≥30 - <100 Mbps fixed internet	Digi Group DIGINet 100 (FFTB)	15.73	19.96
≥100 - <200 Mbps fixed internet	Digi Group DIGINet 100 (FFTB)	15.73	21.32
≥200 - <999 Mbps fixed internet	Digi Group DIGINet 500 (FFTB)	16.58	24.94
≥ 1 Gbps fixed internet	Digi Group DIGINet 1000 (FFTH)	17.87	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option)	24.27	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option)	24.27	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option)	24.27	32.6
≥ 1 Gbps fixed internet with fixed phone	Magyar Telekom Net 1000 / 1000 + Phone (Basic fee package + domestic option)	30.27	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Vodafone Internet L + TV HD Basic + Telephony	24.3	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Vodafone Internet L + TV HD Basic + Telephony	24.3	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Vodafone Internet L + TV HD Basic + Telephony	24.3	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Vodafone Internet XL + TV HD Plus + Telephony	31.58	50.65

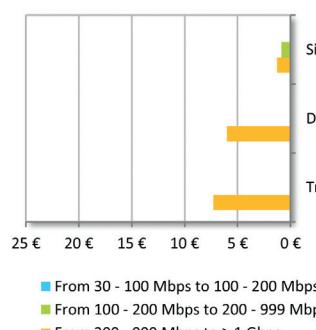
Bundle premium - Hungary



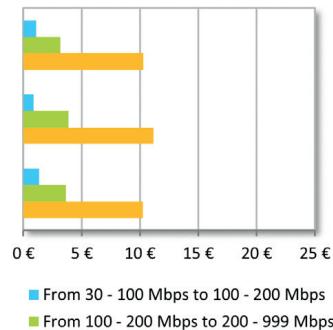
Bundle premium - EU27



High speed premium - Hungary



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Hungary fell noticeably (by 17%). In contrast, for consumers requiring ≥30 - <100 Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile, prices rose slightly (by 6%).

EU comparison

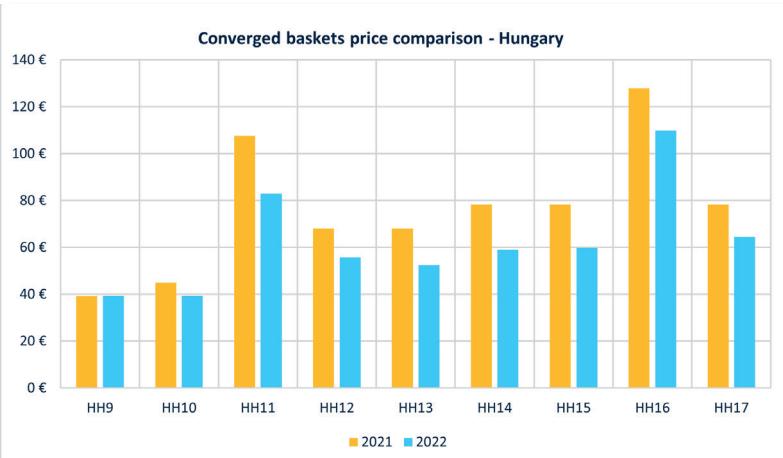
Compared to all EU27 countries, prices for household broadband baskets in Hungary are higher than the EU average. However, the lowest price of offers for consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile is slightly lower than the EU average.

Bundle premium - mobile component - in € [PPP]		
	Hungary	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	15,04
	+ Double Play 100-200 Mbps (HH10)	15,04
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	31,44
	+ Double Play 200-999 Mbps (HH13)	28,17
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	34,78
	+ Triple Play 200-999 Mbps (HH15)	35,52
	+ Triple Play >1 Gbps Mbps (HH17)	32,95
		11,12
		11,12
		14,34
		14,10
		20,01
		20,21
		19,03

Prices in Hungary compared with EU average*

HH9	HH10	HH11
+1%	-1%	+43%
HH12	HH13	HH14
+8%	+12%	+12%
HH15	HH16	HH17
-1%	+34%	-7%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option) +Mobile S + 10GB	39.32	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option) +Mobile S + 10GB	39.32	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option) + Mobile M + 10 GB (2 SIM)	82.93	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Vodafone Internet M + Telephony + Go Easy 15 + TV	55.74	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Magyar Telekom Net 250 / 70 + Phone (Basic fee package + domestic option) + Mobile M + 10 GB	52.44	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Vodafone Internet M + Telephony + RED Free+	59.05	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone Internet M + Telephony + RED Free+ + TV	59.82	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Vodafone / Vodafone Internet L + TV HD Basic + Telephony / TUTI100 + 20 GB + Unlimited Talk	109.81	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone Internet XL + Telephony + RED Free+ + TV	64.54	69.68

Mobile Broadband

Price development

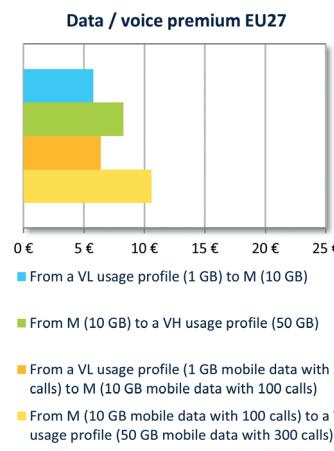
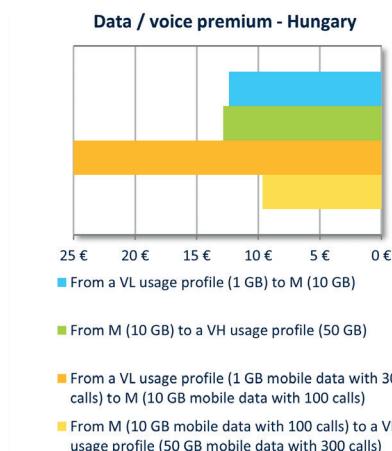
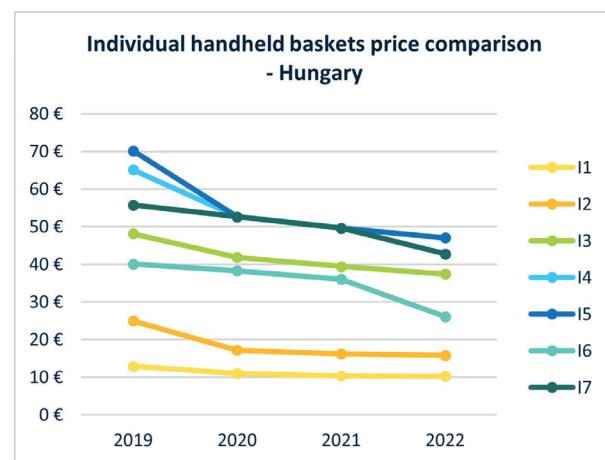
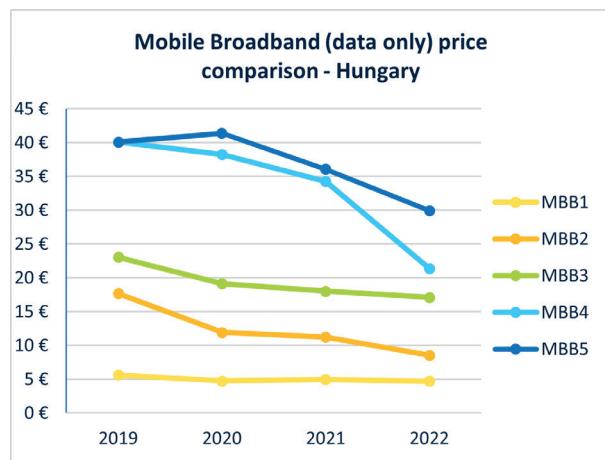
Compared to 2021, averaging over the usage baskets shown, prices in Hungary fell by 10%. In contrast, for consumers requiring 1 GB mobile data with 30 calls, prices rose slightly (by 4%).

Market competition

Vodafone provides least expensive offers across most of the service bundles on the market in Hungary (10 of 12). Yettel provides the remainder.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Hungary are significantly higher than the EU average. However, the lowest price of offers for consumers requiring 1 GB or 5 GB mobile data with no calls is slightly lower than the EU average.



Prices in Hungary compared with EU average*		
MBB1	MBB2	MBB3
-20%	-10%	+47%
MBB4	MBB5	I1
+32%	+51%	+19%
I2	I3	I4
+37%	+149%	+100%
I5	I6	I7
+84%	+33%	+72%

*deviation in percent from the EU average in the respective basket/bundle combination

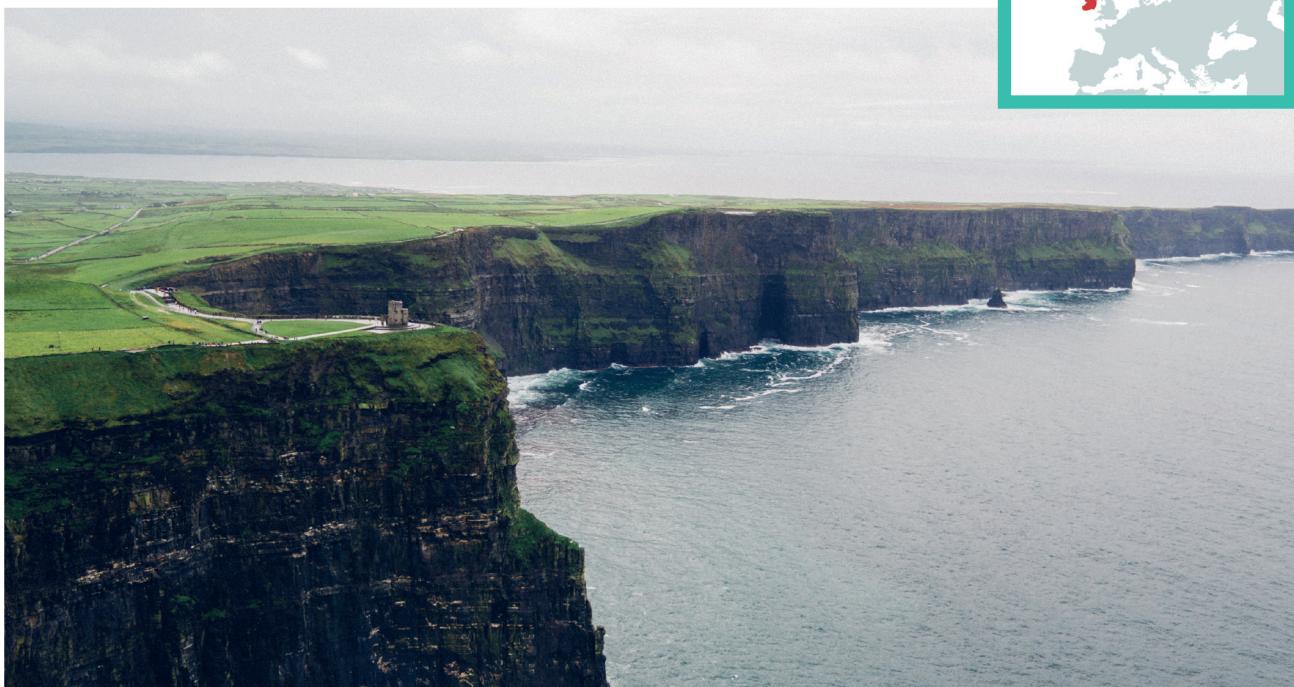
Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Yettel Yettel 1GB renewable mobile network with top-up card	4.71	5.88
MBB2: 5 GB mobile data with no calls	Vodafone Digital Welfare Basic Package 5 GB	8.53	9.43
MBB3: 10 GB mobile data with no calls	Vodafone Mobile network Medium+	17.09	11.64
MBB4: 20 GB mobile data with no calls	Vodafone TUTI100 + 20 GB	21.38	16.15
MBB5: 50 GB mobile data with no calls	Vodafone TUTI100 + 100 GB	29.95	19.89
I1: 1 GB mobile data with 30 calls	Vodafone TUTI100 + 1 GB	10.25	8.63
I2: 5 GB mobile data with 30 calls	Vodafone TUTI100 + 5 GB	15.82	11.52
I3: 10 GB mobile data with 100 calls	Vodafone Go Easy 15	37.43	15.02
I4: 20 GB mobile data with 300 calls	Vodafone TUTI100 + 20 GB + Unlimited Talk	42.76	21.41
I5: 50 GB mobile data with 300 calls	Vodafone RED Free +	47.08	25.59
I6: 20 GB mobile data with 30 calls	Vodafone TUTI100 + 20 GB	26.11	19.64
I7: 50 GB mobile data with 100 calls	Yettel Yettel Prime	42.8	24.86



Ireland



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Country report 2022

ISPs in sample

Eircom | Imagine | Sky | Virgin Media | Vodafone

MNOs in sample

Eir Mobile | Three | Vodafone

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

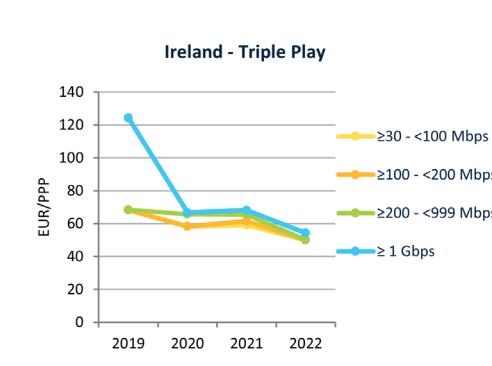
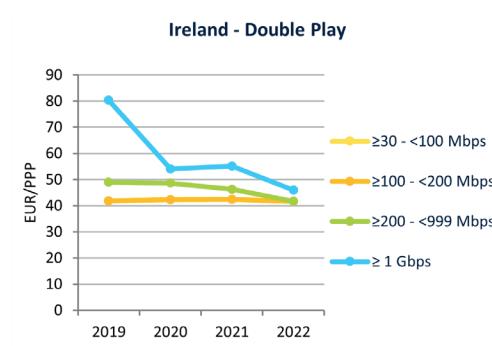
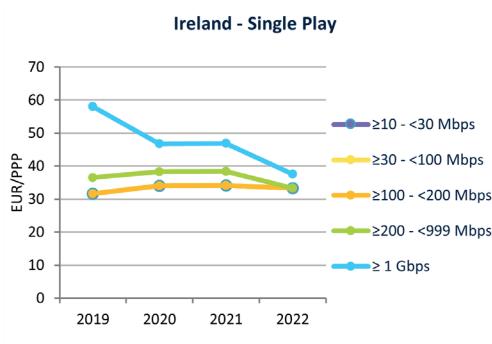
Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Ireland fell slightly by 7%. The largest price difference is noted in the Gigabit basket (19%).

Market competition

Eircom provides least expensive offers across all service bundles on the market in Ireland.



EU comparison

Compared to all EU27 countries, prices for fixed broadband in Ireland are significantly higher than the EU average, except Double Play offers $\geq 30 - <100$ Mbps fixed internet.

Prices in Ireland compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+67%	-5%	+39%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+56%	+45%	+34%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+34%	+28%	+24%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+7%	+5%	+7%	

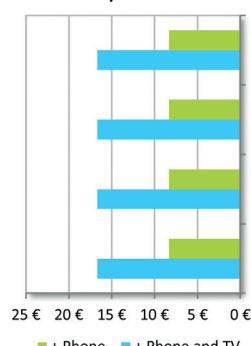
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

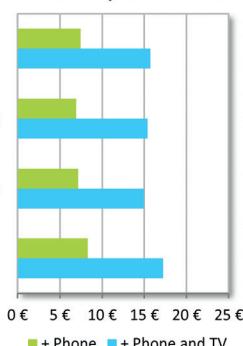
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Eircom 500 Mb 24M	33.36	19.62
≥30 - <100 Mbps fixed internet	Eircom 500 Mb 24M	33.36	19.96
≥100 - <200 Mbps fixed internet	Eircom 500 Mb 24M	33.36	21.32
≥200 - <999 Mbps fixed internet	Eircom 500 Mb 24M	33.36	24.94
≥ 1 Gbps fixed internet	Eircom 1 Gb 24M	37.53	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Eircom 500 Mb 24M	41.69	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Eircom 500 Mb 24M	41.69	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Eircom 500 Mb 24M	41.69	32.6
≥ 1 Gbps fixed internet with fixed phone	Eircom 1 Gb 24M	45.87	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Eircom 500 Mb 24M	50.03	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Eircom 500 Mb 24M	50.03	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Eircom 500 Mb 24M	50.03	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Eircom 1 Gb 24M	54.2	50.65

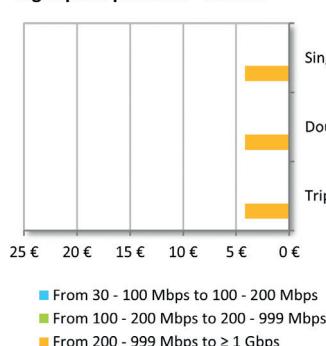
Bundle premium - Ireland



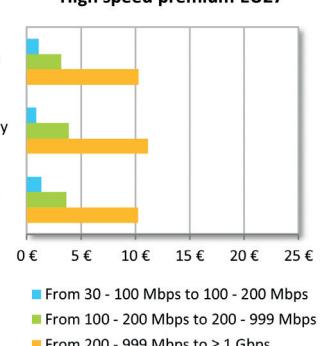
Bundle premium - EU27



High speed premium - Ireland



High speed premium EU27



■ From 30 - 100 Mbps to 100 - 200 Mbps
 ■ From 100 - 200 Mbps to 200 - 999 Mbps
 ■ From 200 - 999 Mbps to ≥ 1 Gbps

■ From 30 - 100 Mbps to 100 - 200 Mbps
 ■ From 100 - 200 Mbps to 200 - 999 Mbps
 ■ From 200 - 999 Mbps to ≥ 1 Gbps

Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Ireland fell slightly. In contrast, for baskets HH9, HH10 and HH11, prices rose slightly.

EU comparison

Prices for household broadband baskets in Ireland show a mixed pattern compared to EU27 countries overall. The prices for baskets with higher allowance in Ireland are lower than EU average, while the prices for the rest of the baskets are noticeably higher.

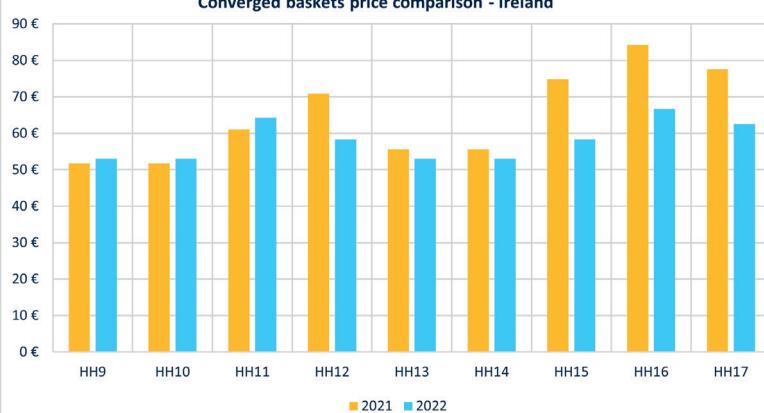
Bundle premium - mobile component - in € [PPP]			
		Ireland	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	11.29	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	11.29	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	8.33	14.34
	+ Double Play 200-999 Mbps (HH13)	11.29	14.10
	+ Double Play 200-999 Mbps (HH14)	11.29	20.01
	+ Triple Play 200-999 Mbps (HH15)	8.33	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	8.33	19.03

Prices in Ireland compared with EU average*

HH9	HH10	HH11
+36%	+33%	+11%
HH12	HH13	HH14
+13%	+13%	+1%
HH15	HH16	HH17
-4%	-19%	-10%

*deviation in percent from the EU average in the respective basket/bundle combination

Converged baskets price comparison - Ireland



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Eircom / Three 500 Mb 24M / 48	52.98	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Eircom / Three 500 Mb 24M / 48	52.98	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Eircom / Three 500 Mb 24M / 48	64.27	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Eircom 500 Mb 24M	58.36	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Eircom / Three 500 Mb 24M / 48	52.98	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Eircom / Three 500 Mb 24M / 48	52.98	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Eircom 500 Mb 24M	58.36	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Eircom 500 Mb 24M	66.7	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Eircom 1 Gb 24M	62.53	69.68

230

Mobile Broadband

Price development

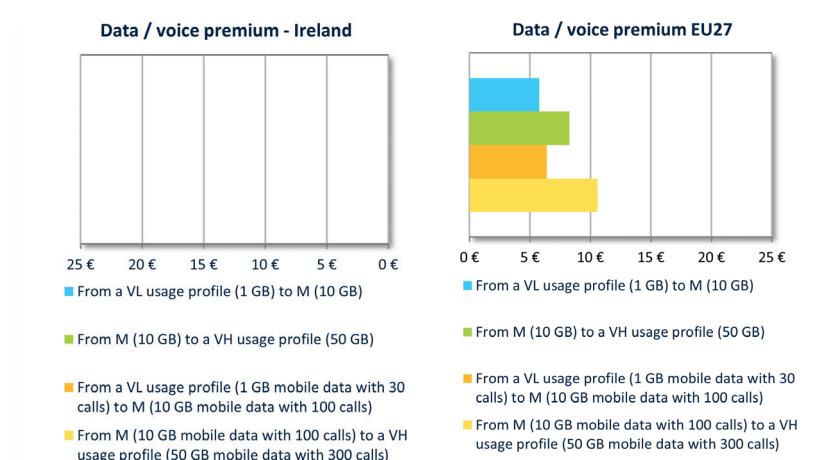
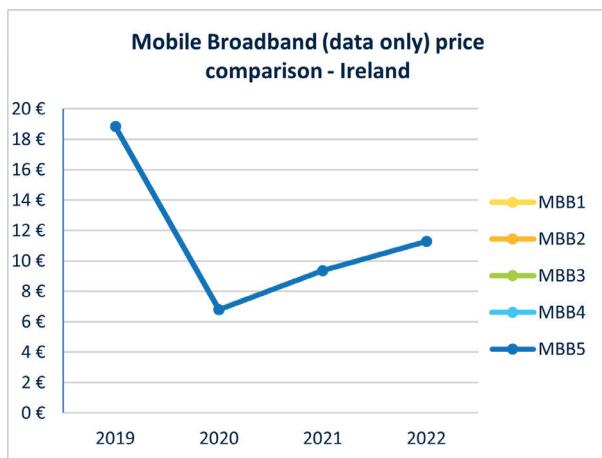
Compared to 2021, averaging over the usage baskets shown, prices in Ireland rose considerably (by 20%). The least expensive offer identified includes unlimited calls and data, thereby satisfying consumption requirements across all baskets.

EU comparison

Prices for mobile broadband in Ireland show a mixed pattern compared to EU27 countries overall. While prices for the 1 GB and 5 GB mobile data with no calls baskets are considerably higher than the EU average, all other prices are between 2% and 56% lower than the EU average.

Market competition

Three's least expensive offer competes best across all service bundles on the market in Ireland.



Prices in Ireland compared with EU average*

MBB1	MBB2	MBB3
+92%	+20%	-3%
MBB4	MBB5	I1
-30%	-43%	+31%
I2	I3	I4
-2%	-25%	-47%
I5	I6	I7
-56%	-43%	-55%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Three 48	11.29	5.88
MBB2: 5 GB mobile data with no calls	Three 48	11.29	9.43
MBB3: 10 GB mobile data with no calls	Three 48	11.29	11.64
MBB4: 20 GB mobile data with no calls	Three 48	11.29	16.15
MBB5: 50 GB mobile data with no calls	Three 48	11.29	19.89
I1: 1 GB mobile data with 30 calls	Three 48	11.29	8.63
I2: 5 GB mobile data with 30 calls	Three 48	11.29	11.52
I3: 10 GB mobile data with 100 calls	Three 48	11.29	15.02
I4: 20 GB mobile data with 300 calls	Three 48	11.29	21.41
I5: 50 GB mobile data with 300 calls	Three 48	11.29	25.59
I6: 20 GB mobile data with 30 calls	Three 48	11.29	19.64
I7: 50 GB mobile data with 100 calls	Three 48	11.29	24.86



Italy



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Country report 2022

ISPs in sample

Linkem | Fastweb | Telecom Italia |
Vodafone | WindTre

MNOs in sample

Telecom Italia | Vodafone | WindTre

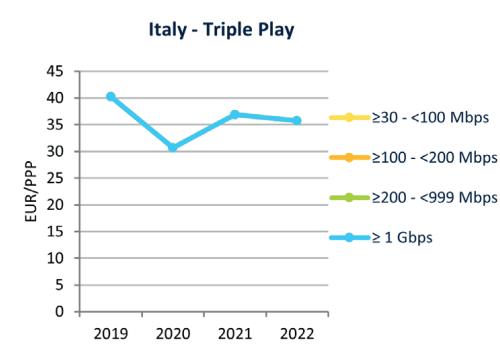
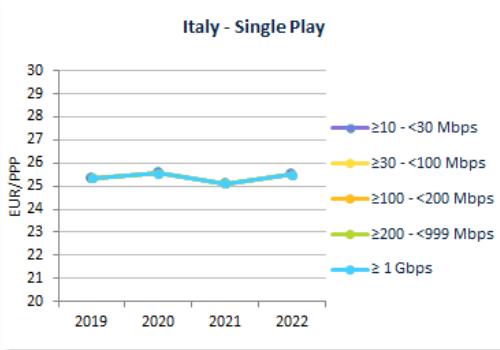
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Italy rose by 2% for Single Play offers and by 10% for Double Play offers compared to the previous year (2021). Prices for offers including fixed internet with fixed phone and TV fell slightly by 3%. Least expensive offers for fixed internet are advertised with a download speed of 1 Gbps, resulting in a single offer comparison in the below graphs.



Market competition

Telecom Italia provides least expensive offers across the majority of service bundles on the market in Italy (9 of 13). Linkem provides the remainder.

EU comparison

Prices for fixed broadband in Italy show a different pattern compared to EU27 countries overall. While Single Play offers (except for the Gigabit basket) are more expensive than the EU average, all Double and Triple Play offers are less expensive.

Prices in Italy compared with EU average*

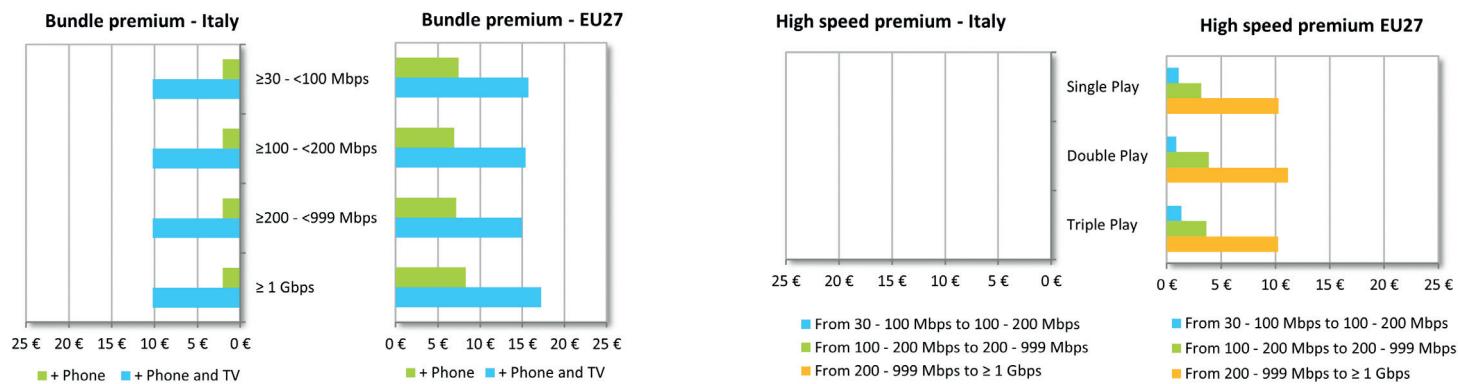
≥30 - <100 Mbps			
Single Play	Double Play	Triple Play	
+28%	-37%	-1%	
≥100 - <200 Mbps			
Single Play	Double Play	Triple Play	
+20%	-4%	-4%	
≥200 - <999 Mbps			
Single Play	Double Play	Triple Play	
+2%	-16%	-11%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-28%	-37%	-29%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Telecom Italia TIM WiFi Power FWA	25.49	19.62
≥30 - <100 Mbps fixed internet	Telecom Italia TIM WiFi Power FWA	25.49	19.96
≥100 - <200 Mbps fixed internet	Telecom Italia TIM WiFi Power FWA	25.49	21.32
≥200 - <999 Mbps fixed internet	Linkem 5G Senza Limiti	25.49	24.94
≥ 1 Gbps fixed internet	Linkem 5G Senza Limiti	25.49	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Telecom Italia TIM WiFi Power FWA	27.54	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Telecom Italia TIM WiFi Power FWA	27.54	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Linkem 5G Senza Limiti	27.54	32.6
≥ 1 Gbps fixed internet with fixed phone	Linkem 5G Senza Limiti	27.54	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Telecom Italia TIM WiFi Power TV	35.73	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Telecom Italia TIM WiFi Power TV	35.73	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Telecom Italia TIM WiFi Power TV	35.73	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Telecom Italia TIM WiFi Power TV	35.73	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Italy rose slightly (by 8%) with the exception of ≥100 - <200 Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile and ≥200 - <999 Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile, where prices remained nearly unchanged.

EU comparison

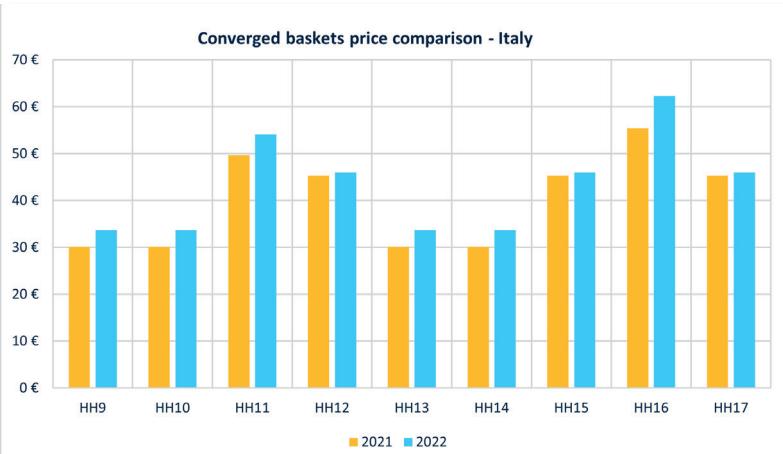
Compared to all EU27 countries, prices for household broadband baskets in Italy are lower than the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Italy	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	6.14	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	6.14	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	10.24	14.34
	+ Double Play 200-999 Mbps (HH13)	6.14	14.10
	+ Double Play 200-999 Mbps (HH14)	6.14	20.01
	+ Triple Play 200-999 Mbps (HH15)	10.24	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	10.24	19.03

Prices in Italy compared with EU average*

HH9	HH10	HH11
-14%	-15%	-7%
HH12	HH13	HH14
-11%	-28%	-36%
HH15	HH16	HH17
-24%	-24%	-34%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Fastweb Fastweb Casa	33.68	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Fastweb Fastweb Casa	33.68	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Telecom Italia / WindTre TIM WiFi Power FWA / Di Più Lite 5G	54.14	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Vodafone Internet unlimited	45.97	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Fastweb Fastweb Casa	33.68	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Fastweb Fastweb Casa	33.68	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone Internet unlimited	45.97	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Telecom Italia / WindTre TIM WiFi Power TV / Di Più Lite 5G	62.33	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone Internet unlimited	45.97	69.68

Mobile Broadband

Price development

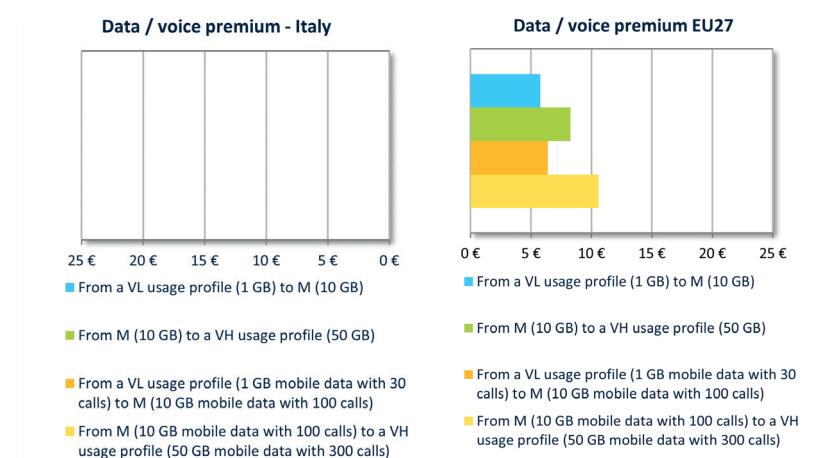
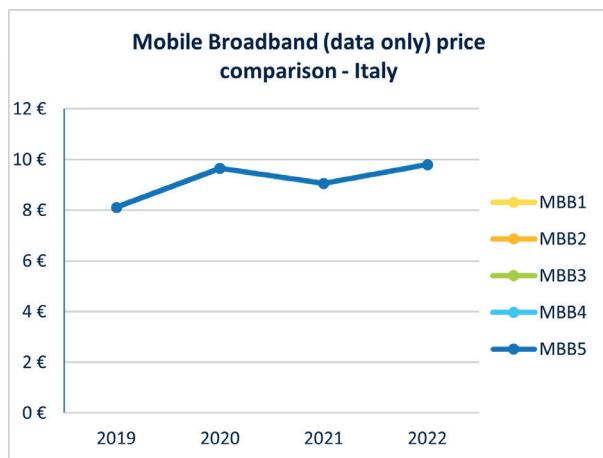
Compared to 2021, averaging over the usage baskets shown, prices in Italy rose by 9%.

Market competition

WindTre provides least expensive offers across most service bundles on the market in Italy (7 of 12). Telecom Italia provides the remainder.

EU comparison

Prices for mobile broadband in Italy show a different pattern compared to EU27 countries overall. As the least expensive offers identified in all baskets include 50 GB, prices for consumers in Italy who need less data (MBB1/2, I1/2) are higher compared to the EU average. However, prices are significantly lower than EU average in the remaining baskets with higher data allowances.



Prices in Italy compared with EU average*		
MBB1	MBB2	MBB3
+67%	+4%	-16%
MBB4	MBB5	I1
-39%	-51%	+54%
I2	I3	I4
+15%	-11%	-38%
I5	I6	I7
-48%	-32%	-46%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Telecom Italia TIM 5G Power 50	9.8	5.88
MBB2: 5 GB mobile data with no calls	Telecom Italia TIM 5G Power 50	9.8	9.43
MBB3: 10 GB mobile data with no calls	Telecom Italia TIM 5G Power 50	9.8	11.64
MBB4: 20 GB mobile data with no calls	Telecom Italia TIM 5G Power 50	9.8	16.15
MBB5: 50 GB mobile data with no calls	Telecom Italia TIM 5G Power 50	9.8	19.89
I1: 1 GB mobile data with 30 calls	WindTre Di Piú Lite 5G	13.3	8.63
I2: 5 GB mobile data with 30 calls	WindTre Di Piú Lite 5G	13.3	11.52
I3: 10 GB mobile data with 100 calls	WindTre Di Piú Lite 5G	13.3	15.02
I4: 20 GB mobile data with 300 calls	WindTre Di Piú Lite 5G	13.3	21.41
I5: 50 GB mobile data with 300 calls	WindTre Di Piú Lite 5G	13.3	25.59
I6: 20 GB mobile data with 30 calls	WindTre Di Piú Lite 5G	13.3	19.64
I7: 50 GB mobile data with 100 calls	WindTre Di Piú Lite 5G	13.3	24.86



Latvia



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Country report 2022

ISPs in sample

Baltcom | Balticom | Livas | Netvision | TET

MNOs in sample

Bite Latvia | LMT | Tele2

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

240

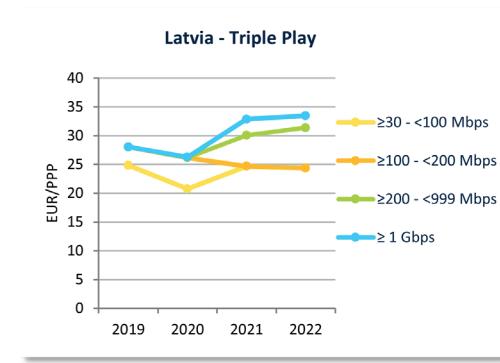
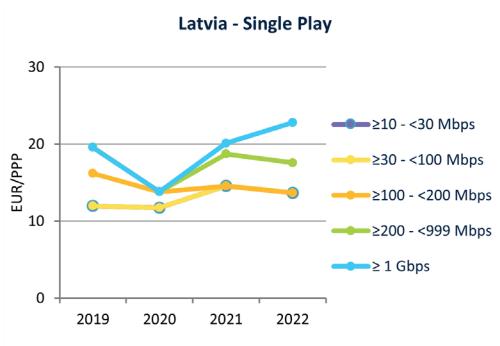
Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Latvia rose slightly by 3%. However, prices for Triple Play baskets remained nearly unchanged.

Market competition

Livas KTV provides least expensive offers across the majority of all service bundles on the market in Latvia (9 of 13). Netvision provides the remainder.



EU comparison

Compared to all EU27 countries, prices for fixed broadband in Latvia are between 22% and 52% lower than the EU average. No offers were found to be more expensive than the EU average.

Prices in Latvia compared with EU average*

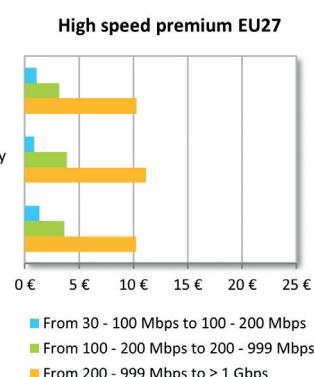
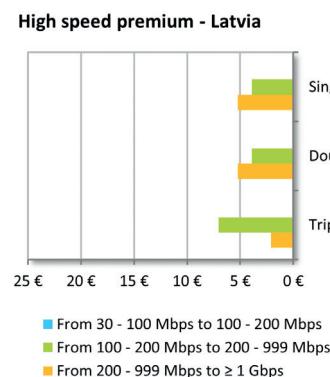
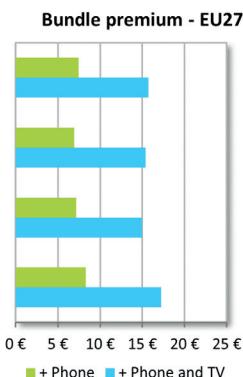
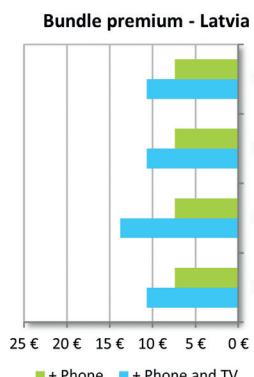
≥30 - <100 Mbps			
Single Play	Double Play	Triple Play	
-31%	-52%	-33%	
≥100 - <200 Mbps			
Single Play	Double Play	Triple Play	
-36%	-27%	-35%	
≥200 - <999 Mbps			
Single Play	Double Play	Triple Play	
-29%	-23%	-22%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-35%	-31%	-34%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Netvision Internets 50Mbit	13.68	19.62
≥30 - <100 Mbps fixed internet	Netvision Internets 50Mbit	13.68	19.96
≥100 - <200 Mbps fixed internet	Livas Optika 100Mbit	13.68	21.32
≥200 - <999 Mbps fixed internet	Netvision Internets 300Mbit	17.59	24.94
≥ 1 Gbps fixed internet	Netvision Internets 1000Mbit	22.8	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Livas Optika 100Mbit	21.09	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Livas Optika 100Mbit	21.09	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Livas Optika 400Mbit	25	32.6
≥ 1 Gbps fixed internet with fixed phone	Livas Optika 1200Mbit	30.21	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Livas Optika 100Mbit	24.34	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Livas Optika 100Mbit	24.34	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Livas Optika 800Mbit	31.38	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Livas Optika 1200Mbit	33.46	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Latvia show a mixed trend compared to the previous year (2021). While prices for HH9 and HH10 rose by 9%, prices for all other baskets fell slightly by 6% on average.

EU comparison

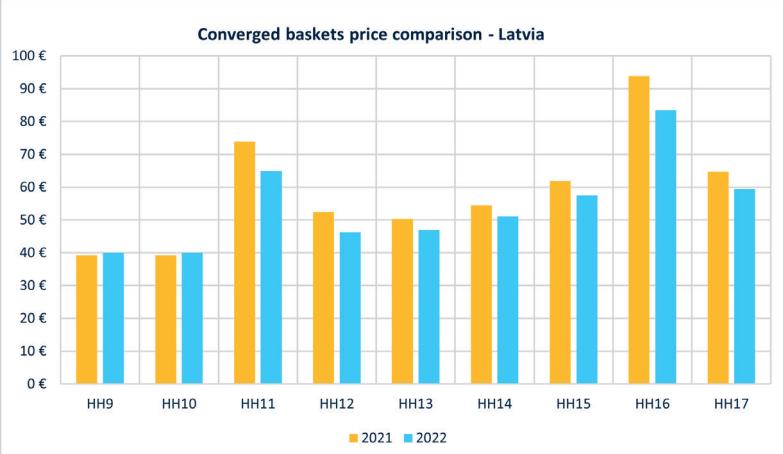
Prices for household broadband baskets in Latvia show a similar pattern compared to EU27 countries overall. Consumers requiring $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile find offers slightly higher than the EU average, those seeking ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile find prices slightly lower than the EU average.

Bundle premium - mobile component - in € [PPP]		
		Latvia EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	18.97
	+ Double Play 100-200 Mbps (HH10)	18.97
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	21.94
	+ Double Play 200-999 Mbps (HH13)	21.94
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	26.04
	+ Triple Play 200-999 Mbps (HH15)	26.04
	+ Triple Play >1 Gbps Mbps (HH17)	26.04

Prices in Latvia compared with EU average*

HH9	HH10	HH11
+3%	+1%	+12%
HH12	HH13	HH14
-10%	+1%	-3%
HH15	HH16	HH17
-5%	+2%	-15%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Livas / Bite Latvia Optika 100Mbit / Bite Starts + 6GB	40.06	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Livas / Bite Latvia Optika 100Mbit / Bite Starts + 6GB	40.06	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Livas / Bite Latvia Optika 100Mbit / Bite Priekšāpmaksa + 10GB	64.96	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Livas / Bite Latvia Optika 100Mbit / Bite Priekšāpmaksa + 10GB	46.28	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Livas / Bite Latvia Optika 400Mbit / Bite Priekšāpmaksa + 10GB	46.93	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Livas / Bite Latvia Optika 400Mbit / Bite 30 GB	51.03	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Livas / Bite Latvia Optika 800Mbit / Bite 30 GB	57.42	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Livas / Bite Latvia Optika 800Mbit / Bite 30 GB	83.46	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Livas / Bite Latvia Optika 1200Mbit / Bite 30 GB	59.5	69.68

Mobile Broadband

Price development

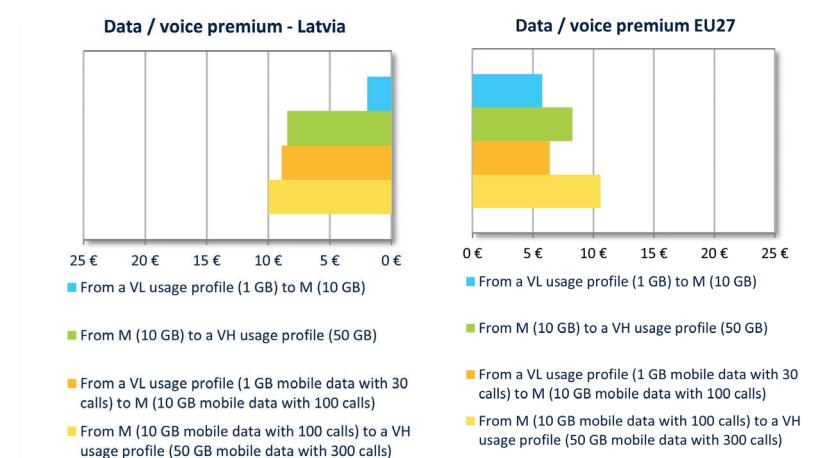
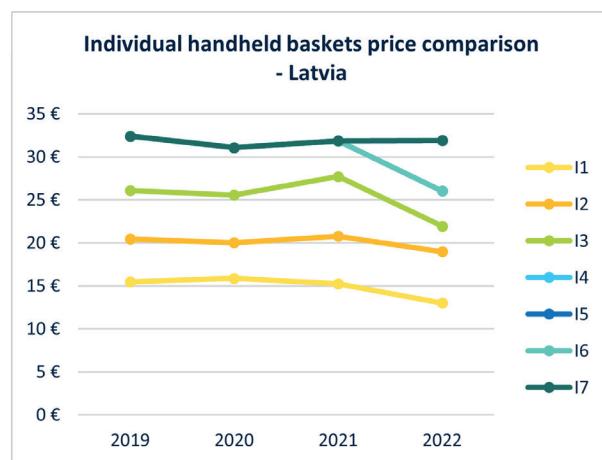
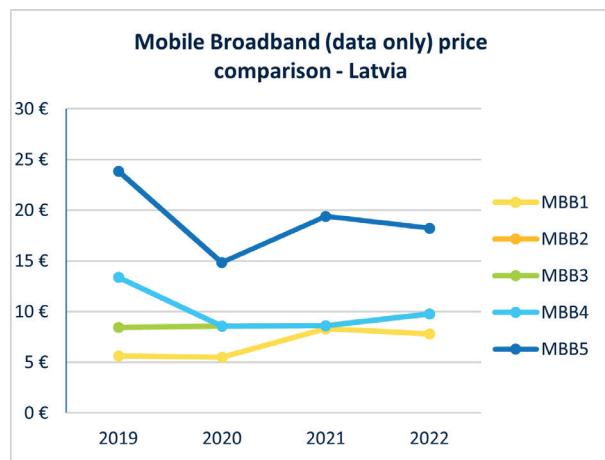
Prices for mobile broadband services in Latvia show a mixed trend compared to the previous year (2021). Prices for offers including 2 GB, 5GB and 20GB mobile data with no calls rose by 14%, while prices fell by 12% on average for all offers in baskets including voice.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Latvia are significantly higher than the EU average. However, the lowest price of offers for consumers requiring 20 GB mobile data with no calls is lower than the EU average.

Market competition

Bite Latvia provides least expensive offers across most service bundles on the market in Latvia (9 of 12). Tele2 and LMT provide the remainder.



Prices in Latvia compared with EU average*			
MBB1	MBB2	MBB3	
+33%	+4%	-16%	
-40%	-8%	+51%	
+65%	+46%	+22%	
+25%	+33%	+28%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	LMT 2 GB	7.8	5.88
MBB2: 5 GB mobile data with no calls	Bite Latvia Internet for Tablet Bite 25 GB	9.77	9.43
MBB3: 10 GB mobile data with no calls	Bite Latvia Internet for Tablet Bite 25 GB	9.77	11.64
MBB4: 20 GB mobile data with no calls	Bite Latvia Internet for Tablet Bite 25 GB	9.77	16.15
MBB5: 50 GB mobile data with no calls	LMT Neatkarība (unlimited)	18.22	19.89
I1: 1 GB mobile data with 30 calls	Tele2 Bezlimita sarunas 1,5GB	13.01	8.63
I2: 5 GB mobile data with 30 calls	Bite Latvia Bite Starts + 6GB	18.97	11.52
I3: 10 GB mobile data with 100 calls	Bite Latvia Bite Priekšapmaka + 10GB	21.94	15.02
I4: 20 GB mobile data with 300 calls	Bite Latvia Bite 30 GB	26.04	21.41
I5: 50 GB mobile data with 300 calls	Bite Latvia Bite unlimited GB	31.91	25.59
I6: 20 GB mobile data with 30 calls	Bite Latvia Bite 30 GB	26.04	19.64
I7: 50 GB mobile data with 100 calls	Bite Latvia Bite unlimited GB	31.91	24.86



Lithuania



Trakai by Lukáš Lalinský, flickr.com. CC BY-SA 2.0

Country report 2022

ISPs in sample

BALTICUM TV | Cgates | Init | Splius | Telia Lietuva

MNOs in sample

Bite Lietuva | Tele2 | Telia Lietuva

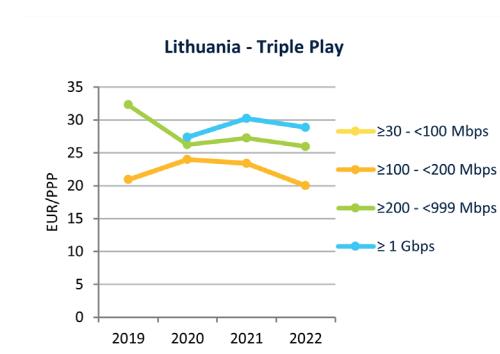
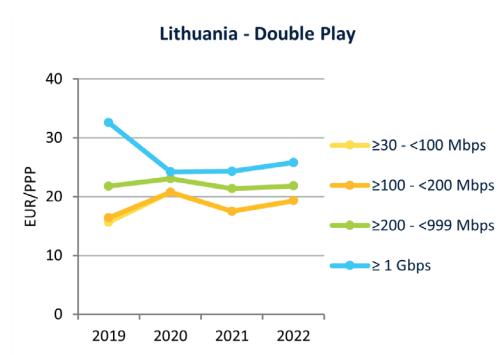
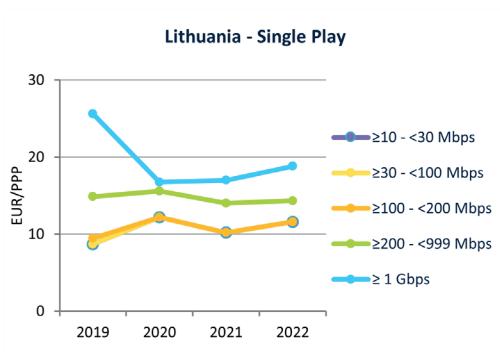
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Lithuania rose slightly (by 3%). In contrast, for consumers requiring $\geq 30 - <100$ Mbps or $\geq 100 - <200$ Mbps fixed internet with fixed phone and TV, prices decreased by 15%.



Market competition

Init provides least expensive offers across 6 out of 13 service bundles on the market in Lithuania. Splius and BALTICUM TV provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Lithuania are much lower than the EU average. No offers were found to be more expensive than the EU average.

Prices in Lithuania compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-42%	-56%	-45%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-46%	-33%	-46%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-43%	-33%	-36%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-47%	-41%	-43%	

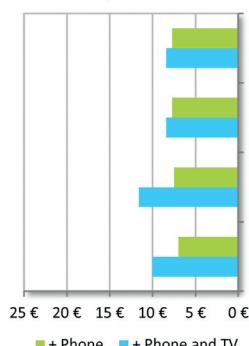
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

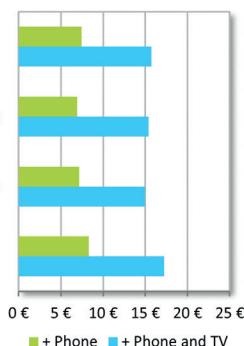
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Splius Plan EO	11.59	19.62
≥30 - <100 Mbps fixed internet	Splius Plan EO	11.59	19.96
≥100 - <200 Mbps fixed internet	Splius Plan EO	11.59	21.32
≥200 - <999 Mbps fixed internet	Balticum TV Internetas 250 Mpbs	14.34	24.94
≥ 1 Gbps fixed internet	Init Supermaxi	18.81	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Init Midi + Telefonas Mini	19.31	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Init Midi + Telefonas Mini	19.31	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Balticum TV Internetas 250 Mpbs + 2 for everyone Telephony	21.82	32.6
≥ 1 Gbps fixed internet with fixed phone	Init Supermaxi + Telefonas Mini	25.81	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Splius Plan EO + Plan 300 + Basic plan TV	19.99	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Splius Plan EO + Plan 300 + Basic plan TV	19.99	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Init Maxi + Telefonas Mini + Main TV	25.96	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Init Supermaxi + Telefonas Mini + Main TV	28.85	50.65

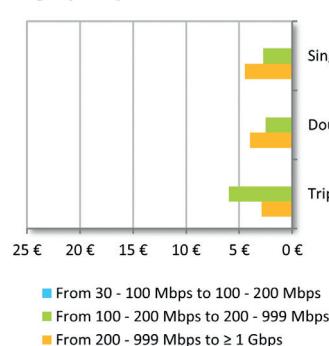
Bundle premium - Lithuania



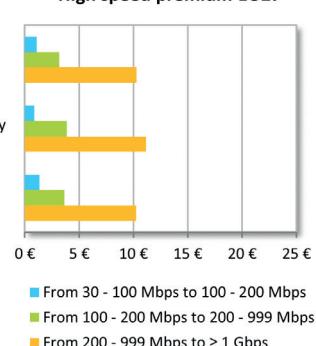
Bundle premium - EU27



High speed premium - Lithuania



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Lithuania fell slightly (by 8%). In contrast, for consumers requiring $\geq 30 - <100$ Mbps and $\geq 100 - <200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile, prices rose slightly (by 6%).

EU comparison

Compared to all EU27 countries, prices for household broadband baskets in Lithuania are lower than the EU average. No offers were found to be more expensive than the EU average.

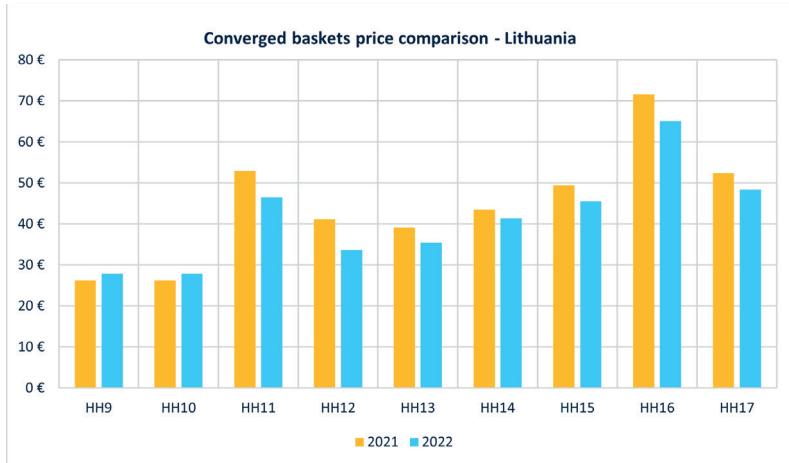
Bundle premium - mobile component - in € [PPP]			
		Lithuania	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	8.53	11.12
	+ Double Play 100-200 Mbps (HH10)	8.53	11.12
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	13.60	14.34
	+ Double Play 200-999 Mbps (HH13)	13.60	14.10
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	19.55	20.01
	+ Triple Play 200-999 Mbps (HH15)	19.55	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	19.55	19.03

Prices in Lithuania compared with EU average*

HH9	HH10	HH11
-29%	-30%	-20%
HH12	HH13	HH14
-35%	-24%	-21%

HH15	HH16	HH17
-25%	-21%	-31%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Init / Tele2 Midi + Telefonas Mini / Pilöyk 5GB 199 mins	27.84	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Init / Tele2 Midi + Telefonas Mini / Pilöyk 5GB 199 mins	27.84	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Init / Tele2 Midi + Telefonas Mini / Pilöyk 10GB 199 mins	46.52	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Splius / Tele2 Plan EO + Plan 300 + Basic plan TV / Pilöyk 10GB 199 mins	33.59	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Balticum TV / Tele2 Internetas 250 Mpbs + 2 for everyone Telephony / Pilöyk 10GB 199 mins	35.43	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Balticum TV / Telia Lietuva Internetas 250 Mpbs + 2 for everyone Telephony / MAX20	41.37	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Init / Telia Lietuva Maxi + Telefonas Mini + Main TV / MAX20	45.51	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Init / Telia Lietuva Maxi + Telefonas Mini + Main TV / MAX20	65.06	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Init / Telia Lietuva Supermaxi + Telefonas Mini + Main TV / MAX20	48.41	69.68

Mobile Broadband

Price development

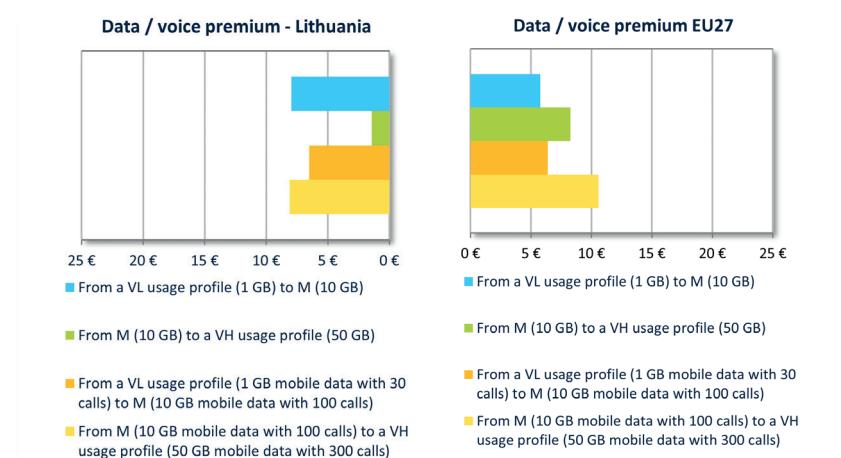
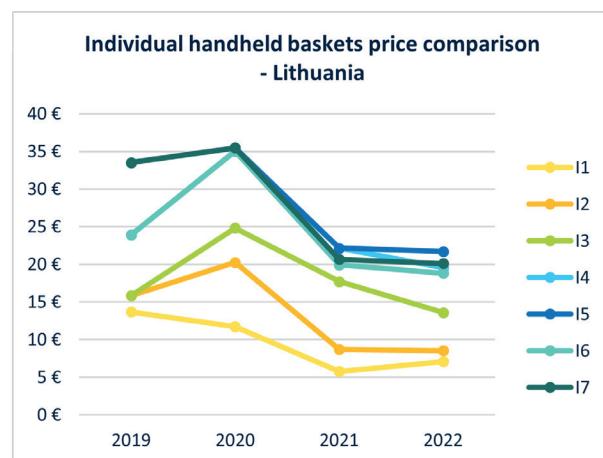
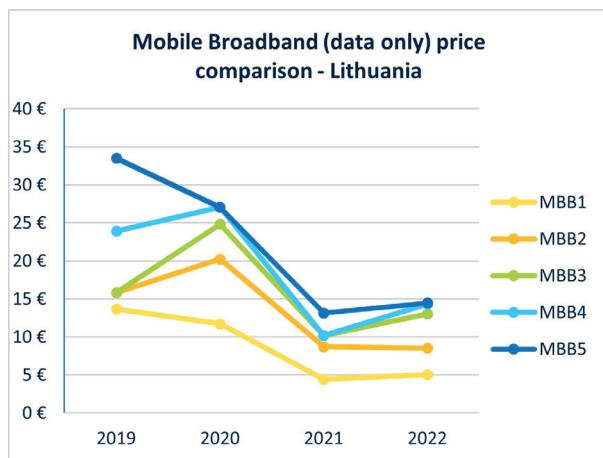
Prices for mobile broadband services in Lithuania show fell by 7% on average compared to the previous year (2021). Prices for offers including 10 GB and 20 GB mobile data with no calls rose by 28% and 41%, respectively.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Lithuania are slightly lower than the EU average (between 4% and 27%) except for the price of the least expensive offer for the 10 GB mobile data with no calls basket, which is slightly higher (12%).

Market competition

Tele2 provides least expensive offers across for the majority of service bundles on the market in Lithuania (7 of 12). Bite Lietuva and Telia Lietuva provide the remainder.



Prices in Lithuania compared with EU average*			
MBB1	MBB2	MBB3	
-14%	-10%	+12%	
MBB4	MBB5	I1	
-11%	-27%	-18%	
I2	I3	I4	
-26%	-9%	-9%	
I5	I6	I7	
-15%	-4%	-19%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Tele2 Pilöyk 3 GB	5.05	5.88
MBB2: 5 GB mobile data with no calls	Tele2 Pilöyk 5GB 199 mins	8.53	9.43
MBB3: 10 GB mobile data with no calls	Tele2 Pilöyk 10GB 199 mins	13.02	11.64
MBB4: 20 GB mobile data with no calls	Bite Lietuva Nešiojamas 25 GB Lietuvoje	14.34	16.15
MBB5: 50 GB mobile data with no calls	Bite Lietuva Nešiojamas 200 GB Lietuvoje	14.47	19.89
I1: 1 GB mobile data with 30 calls	Telia Lietuva MIN3	7.1	8.63
I2: 5 GB mobile data with 30 calls	Tele2 Pilöyk 5GB 199 mins	8.53	11.52
I3: 10 GB mobile data with 100 calls	Tele2 Pilöyk 10GB 199 mins	13.6	15.02
I4: 20 GB mobile data with 300 calls	Telia Lietuva MAX20	19.55	21.41
I5: 50 GB mobile data with 300 calls	Tele2 Pilöyk unlimited GB mins	21.71	25.59
I6: 20 GB mobile data with 30 calls	Bite Lietuva 20GB + 300 MIN + unlimited SMS	18.81	19.64
I7: 50 GB mobile data with 100 calls	Tele2 Pilöyk unlimited GB 199 mins	20.12	24.86



Luxembourg



Sunset over Luxembourg City by laurentlux, flickr.com, CC BY 2.0

Country report 2022

ISPs in sample

Eltrona | Luxembourg Online | Orange Lux |
Post Telecom Lux | Proximus Luxembourg

MNOs in sample

Orange Lux | Post Telecom Lux | Proximus
Luxembourg

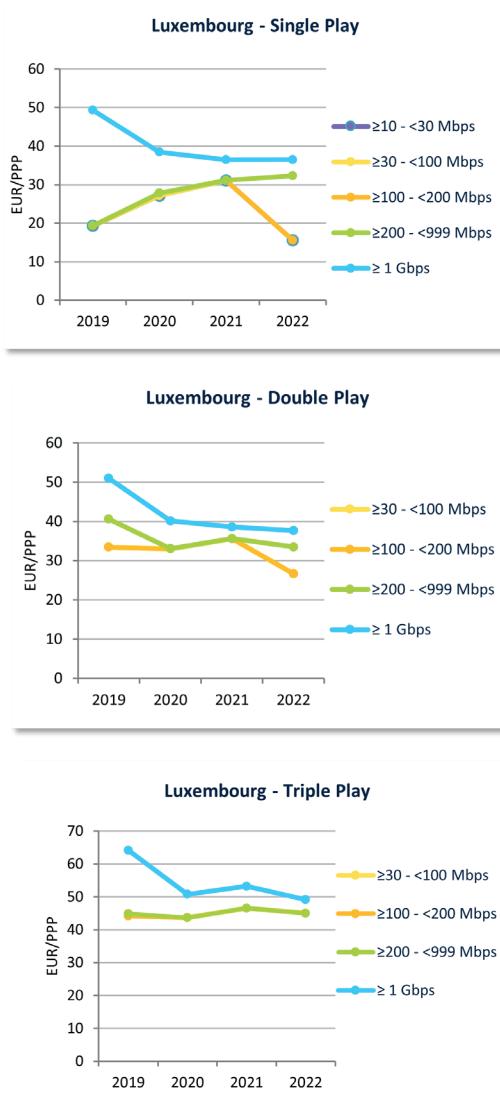
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Luxembourg fell noticeably by 16%. In contrast, for consumers requiring $\geq 200 - <999$ Mbps fixed internet, prices rose slightly (by 4%).

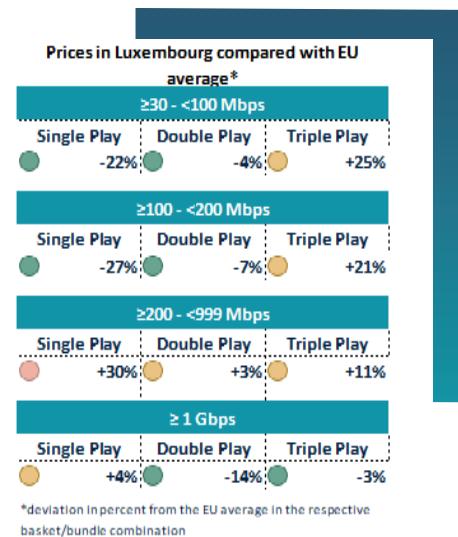


Market competition

Luxembourg Online provides least expensive offers across most of service bundles on the market in Luxembourg (8 of 13). Eltrona provides the remainder.

EU comparison

Prices for fixed broadband in Luxembourg show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring $\geq 100 - <200$ Mbps fixed internet find offers lower than the EU average, those seeking $\geq 200 - <999$ Mbps fixed internet find prices significantly higher than the EU average.

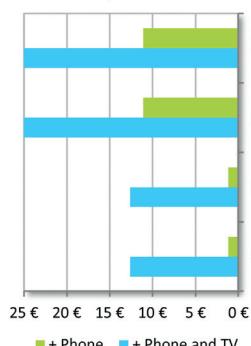


Fixed Broadband

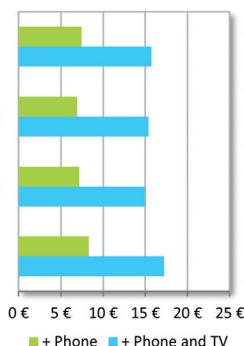
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Eltrona Limited Edition 100 Mbit/s	15.54	19.62
≥30 - <100 Mbps fixed internet	Eltrona Limited Edition 100 Mbit/s	15.54	19.96
≥100 - <200 Mbps fixed internet	Eltrona Limited Edition 100 Mbit/s	15.54	21.32
≥200 - <999 Mbps fixed internet	Luxembourg Online LOL FIBER S	32.34	24.94
≥ 1 Gbps fixed internet	Luxembourg Online LOL FIBER L	36.5	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Eltrona Limited Edition 100 Mbit/s	26.65	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Eltrona Limited Edition 100 Mbit/s	26.65	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Luxembourg Online LOL FIBER S	33.5	32.6
≥ 1 Gbps fixed internet with fixed phone	Luxembourg Online LOL FIBER L	37.66	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Luxembourg Online LOL FIBER S	44.98	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Luxembourg Online LOL FIBER S	44.98	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Luxembourg Online LOL FIBER S	44.98	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Luxembourg Online LOL FIBER L	49.14	50.65

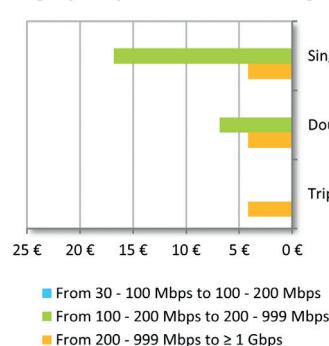
Bundle premium - Luxembourg



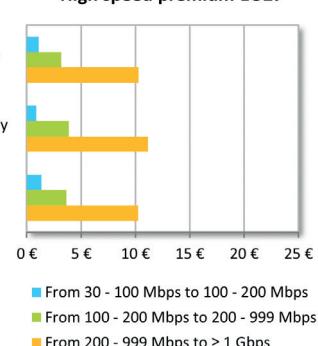
Bundle premium - EU27



High speed premium - Luxembourg



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Luxembourg fell noticeably (by 18%). The most pronounced decline was seen in HH11 at 38%.

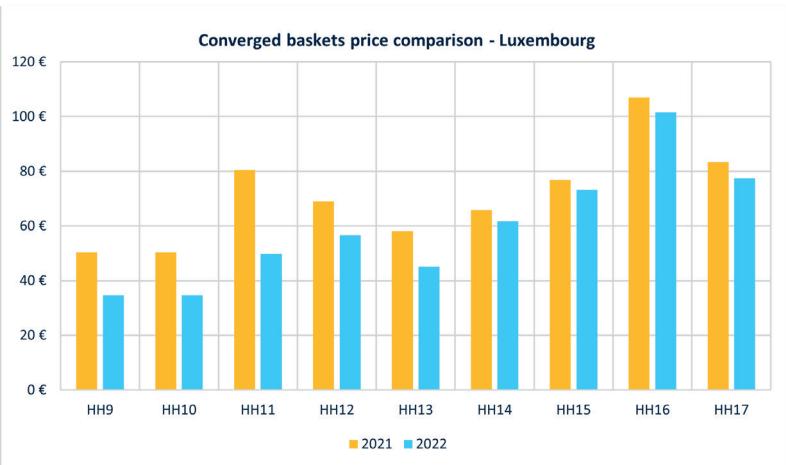
EU comparison

Prices for household broadband baskets in Luxembourg show a mixed pattern compared to EU27 countries overall. While the lower-end HH baskets are less expensive than the EU average, the high-end HH baskets tend to be up to 24% above.

Bundle premium - mobile component - in € [PPP]		
	Luxembourg	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	7.96
	+ Double Play 100-200 Mbps (HH10)	7.96
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	11.57
	+ Double Play 200-999 Mbps (HH13)	11.57
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	28.22
	+ Triple Play 200-999 Mbps (HH15)	28.22
	+ Triple Play >1 Gbps Mbps (HH17)	28.22

Prices in Luxembourg compared with EU average*		
HH9	HH10	HH11
-11%	-13%	-14%
+10%	-3%	+17%
+21%	+24%	+11%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Eltrona / Post Telecom Lux Limited Edition 100 Mbit/s / Scoubido Mini	34.61	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Eltrona / Post Telecom Lux Limited Edition 100 Mbit/s / Scoubido Mini	34.61	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Eltrona / Orange Lux Limited Edition 100 Mbit/s / 100% Win	49.79	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Luxembourg Online / Orange Lux LOL FIBER S / 100% Win	56.56	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Luxembourg Online / Orange Lux LOL FIBER S / 100% Win	45.07	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Luxembourg Online / Post Telecom Lux LOL FIBER S / Scoubido M	61.73	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Luxembourg Online / Post Telecom Lux LOL FIBER S / Scoubido M	73.21	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Luxembourg Online / Post Telecom Lux LOL FIBER S / Scoubido M	101.43	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Luxembourg Online / Post Telecom Lux LOL FIBER L / Scoubido M	77.36	69.68

Mobile Broadband

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Luxembourg fell considerably (by 21%). In contrast, for consumers requiring 1 GB mobile data with no calls, prices remained nearly unchanged.

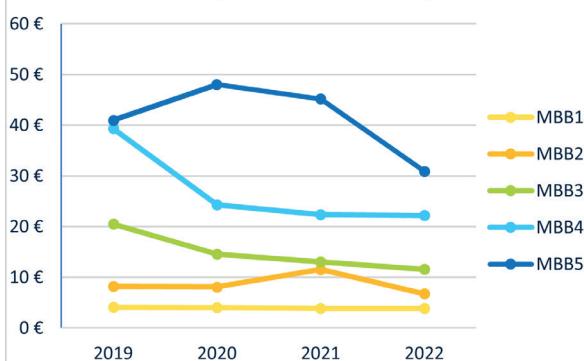
EU comparison

Prices for mobile broadband in Luxembourg show a different pattern compared to EU27 countries overall. While the low allowance baskets are up to 55% less expensive than the EU average, the baskets with medium or high allowances are up to 55% above.

Market competition

Orange provides least expensive offers for the highest number of service bundles on the market in Luxembourg (7 of 12). Post Telecom Lux and Proximus Luxembourg provide the remainder.

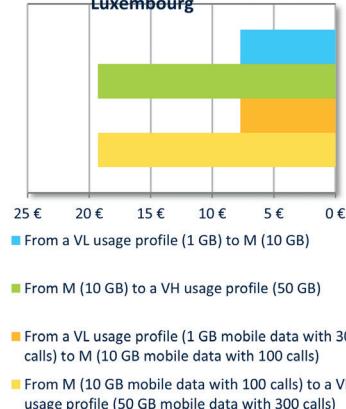
Mobile Broadband (data only) price comparison - Luxembourg



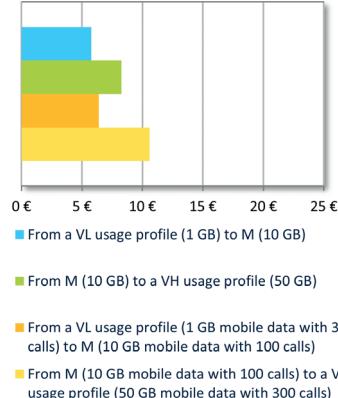
Individual handheld baskets price comparison - Luxembourg



Data / voice premium - Luxembourg



Data / voice premium EU27



Prices in Luxembourg compared with EU average*

	MBB1	MBB2	MBB3
	-34%	-28%	-1%
	MBB4	MBB5	I1
	+37%	+55%	-55%
	I2	I3	I4
	-31%	-23%	+32%
	I5	I6	I7
	+21%	+44%	+24%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Orange Lux Access+	3.86	5.88
MBB2: 5 GB mobile data with no calls	Proximus Luxembourg (Tango) Smart LU	6.75	9.43
MBB3: 10 GB mobile data with no calls	Orange Lux 100% Win	11.57	11.64
MBB4: 20 GB mobile data with no calls	Proximus Luxembourg (Tango) Infinity	22.19	16.15
MBB5: 50 GB mobile data with no calls	Orange Lux BeUnlimited	30.87	19.89
I1: 1 GB mobile data with 30 calls	Orange Lux Access+	3.86	8.63
I2: 5 GB mobile data with 30 calls	Post Telecom Lux Scoubido Mini	7.96	11.52
I3: 10 GB mobile data with 100 calls	Orange Lux 100% Win	11.57	15.02
I4: 20 GB mobile data with 300 calls	Post Telecom Lux Scoubido M	28.22	21.41
I5: 50 GB mobile data with 300 calls	Orange Lux BeUnlimited	30.87	25.59
I6: 20 GB mobile data with 30 calls	Post Telecom Lux Scoubido M	28.22	19.64
I7: 50 GB mobile data with 100 calls	Orange Lux BeUnlimited	30.87	24.86

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Malta



Valletta - Malta by Un Scharf, flickr.com. CC BY-SA 2.0

Country report 2022

ISPs in sample

Epic | GO | Melita

MNOs in sample

Epic | GO Mobile | Melita

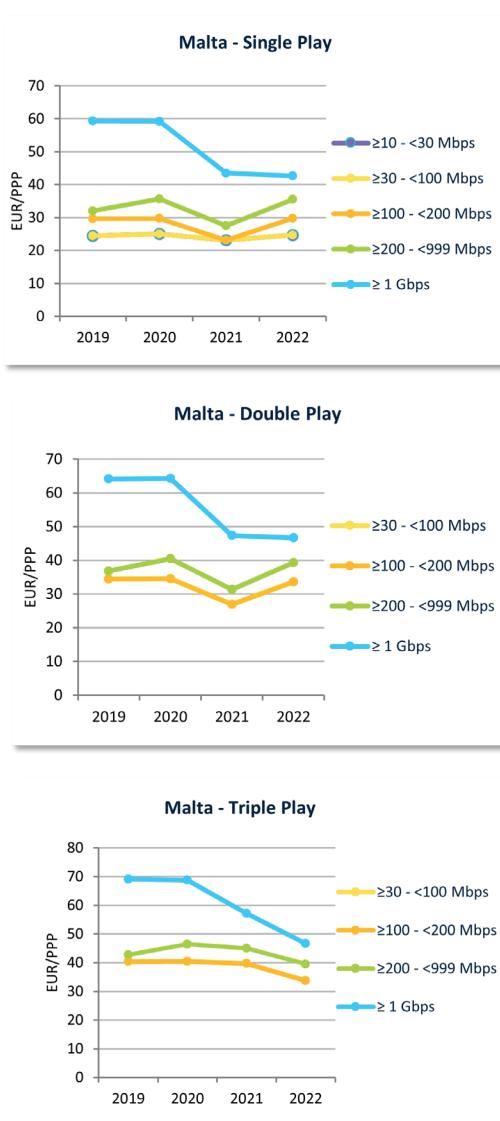
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Malta show a mixed trend compared to the previous year (2021). Prices for offers including fixed internet with fixed phone and TV fell by 18% on average, while Single Play and Double Play basket prices increased by up to 18%.



Market competition

GO provides least expensive offers across most of the service bundles on the market in Malta (8 of 13). Melita and Epic provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Malta are higher than the EU average. Prices for Triple Play offers in all speed brackets, however, are below the EU average.

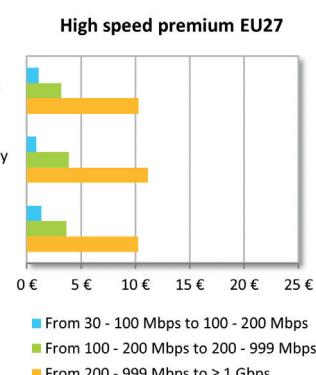
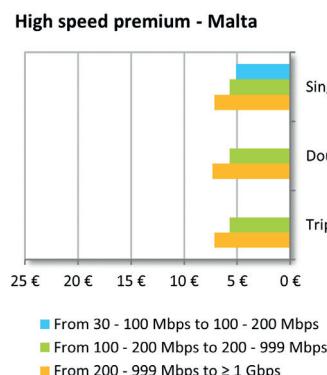
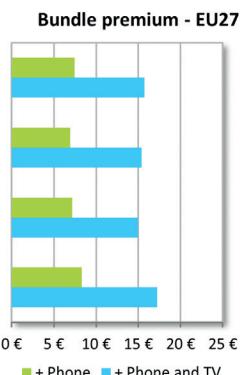
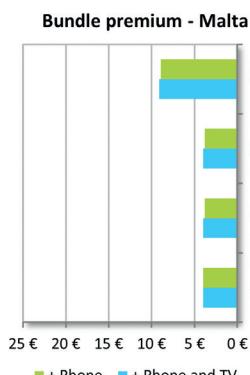
Prices in Malta compared with EU average*			
≥30 - <100 Mbps			
Single Play	Double Play	Triple Play	
● +24%	● -23%	● -6%	
≥100 - <200 Mbps			
Single Play	Double Play	Triple Play	
● +40%	● +17%	● -9%	
≥200 - <999 Mbps			
Single Play	Double Play	Triple Play	
● +42%	● +21%	● -2%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
● +21%	● +7%	● -8%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	Melita Internet Fibre Power 30 Mbps	24.66	19.62
≥30 - <100 Mbps fixed internet	Melita Internet Fibre Power 30 Mbps	24.66	19.96
≥100 - <200 Mbps fixed internet	GO Turbo 100 + TV	29.78	21.32
≥200 - <999 Mbps fixed internet	GO Home internet 500 Mbps	35.5	24.94
≥ 1 Gbps fixed internet	GO Home internet 1000 Mbps	42.65	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Epic 100 Mbps	33.57	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Epic 100 Mbps	33.57	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Epic 500 Mbps	39.3	32.6
≥ 1 Gbps fixed internet with fixed phone	GO Giga 1000 + Phone (Unlimited local calls) + TV	46.65	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	GO Turbo 100 + Phone (Unlimited local calls) + TV	33.77	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	GO Turbo 100 + Phone (Unlimited local calls) + TV	33.77	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	GO Super 300 + Phone (Unlimited local calls) + TV	39.5	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	GO Giga 1000 + Phone (Unlimited local calls) + TV	46.65	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Malta, on average, remained nearly unchanged compared to the previous year (2021). Prices for offers including $\geq 30 - <100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile rose by 17%. In contrast, the prices in HH12 fell by 20%.

EU comparison

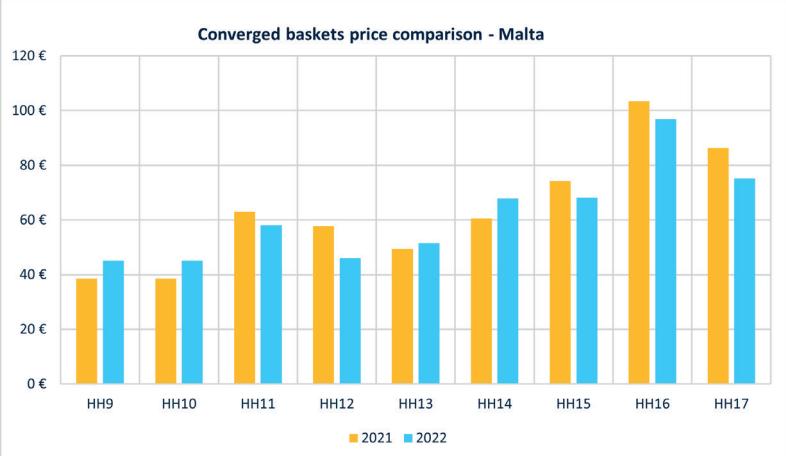
Compared to all EU27 countries, prices for household broadband baskets in Malta are higher than the EU average (up to 18%) with the exception of the price for $\geq 100 - <200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile data basket, which is slightly lower than the EU average (11%).

Bundle premium - mobile component - in € [PPP]				
		Malta	EU	
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	11.45	11.12	
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	11.45	11.12	
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	12.26	14.34	
	+ Double Play 200-999 Mbps (HH13)	12.26	14.10	
	+ Double Play 200-999 Mbps (HH14)	28.62	20.01	
	+ Triple Play 200-999 Mbps (HH15)	28.62	20.21	
	+ Triple Play >1 Gbps Mbps (HH17)	28.62	19.03	

Prices in Malta compared with EU average*

HH9	HH10	HH11
+16%	+13%	+0%
HH12	HH13	HH14
-11%	+10%	+29%
HH15	HH16	HH17
+12%	+18%	+8%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Epic / Melita 100 Mbps / Pockit Pass M	45.03	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Epic / Melita 100 Mbps / Pockit Pass M	45.03	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Epic / GO Mobile 100 Mbps / Smart M	58.09	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	GO / GO Mobile Turbo 100 + Phone (Unlimited local calls) + TV / Smart M	46.03	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Epic / GO Mobile 500 Mbps / Smart M	51.56	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Epic / Epic 500 Mbps / Basic	67.92	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	GO / Epic Super 300 + Phone (Unlimited local calls) + TV / Basic	68.12	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	GO / Epic Super 300 + Phone (Unlimited local calls) + TV / Basic	96.74	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	GO / Epic Giga 1000 + Phone (Unlimited local calls) + TV / Basic	75.27	69.68

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Mobile Broadband

Price development

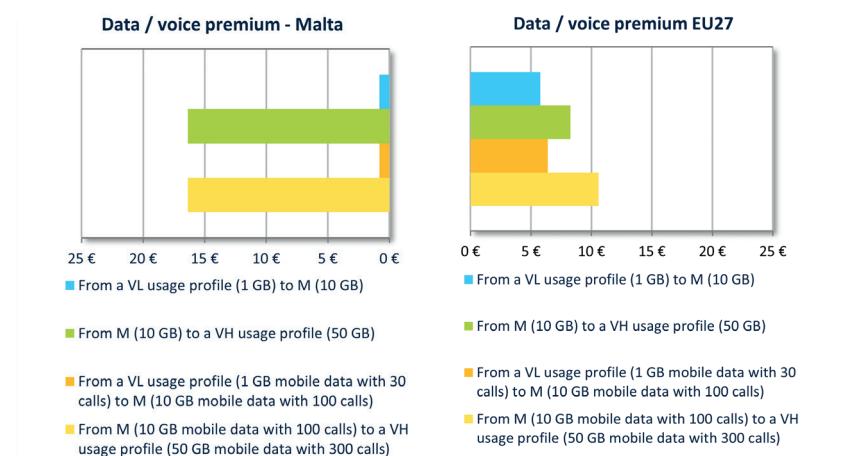
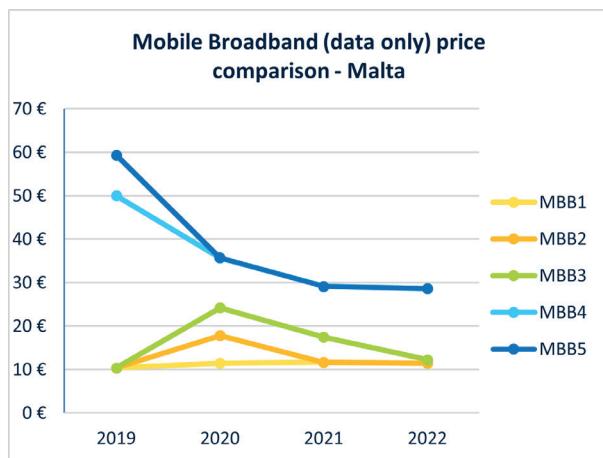
Prices for mobile broadband services in Malta fell by 2% in almost all baskets compared to the previous year (2021). Prices for offers including 10 GB mobile data with 100 calls fell most noticeably (by 30%).

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Malta are significantly higher than the EU average (up to 95%). However, the lowest price of offers for consumers requiring 10 GB mobile data with 100 calls is slightly lower than the EU average (18%).

Market competition

Epic provides least expensive offers across half of all service bundles on the market in Malta (6 of 12). GO Mobile and Melita provide the remainder.



Prices in Malta compared with EU average*			
MBB1	MBB2	MBB3	
+95%	+21%	+5%	
MBB4	MBB5	I1	
+77%	+44%	+33%	
I2	I3	I4	
-1%	-18%	+34%	
I5	I6	I7	
+12%	+46%	+15%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Melita Pockit Pass M	11.45	5.88
MBB2: 5 GB mobile data with no calls	Melita Pockit Pass M	11.45	9.43
MBB3: 10 GB mobile data with no calls	GO Mobile Smart M	12.26	11.64
MBB4: 20 GB mobile data with no calls	Epic Basic	28.62	16.15
MBB5: 50 GB mobile data with no calls	Epic Basic	28.62	19.89
I1: 1 GB mobile data with 30 calls	Melita Pockit Pass M	11.45	8.63
I2: 5 GB mobile data with 30 calls	Melita Pockit Pass M	11.45	11.52
I3: 10 GB mobile data with 100 calls	GO Mobile Smart M	12.26	15.02
I4: 20 GB mobile data with 300 calls	Epic Basic	28.62	21.41
I5: 50 GB mobile data with 300 calls	Epic Basic	28.62	25.59
I6: 20 GB mobile data with 30 calls	Epic Basic	28.62	19.64
I7: 50 GB mobile data with 100 calls	Epic Basic	28.62	24.86



Netherlands



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Country report 2022

ISPs in sample

KPN | T-Mobile | VodafoneZiggo

MNOs in sample

KPN | T-Mobile | VodafoneZiggo

October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

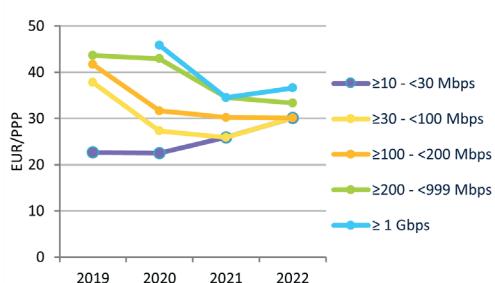
Price development

Compared to 2021, across all baskets on average, prices in the Netherlands rose noticeably (by 12%). In contrast, for consumers requiring $\geq 200 - <999$ Mbps fixed internet, prices fell slightly (by 3%).

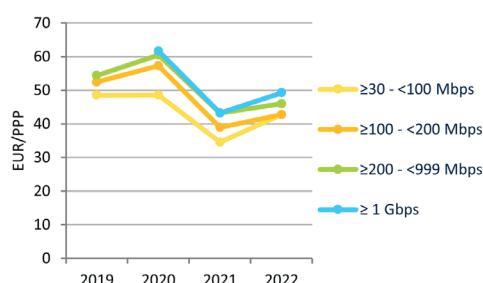
Market competition

T-Mobile provides least expensive offers across all service bundles on the market in the Netherlands.

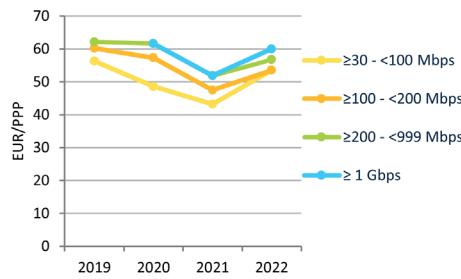
Netherlands - Single Play



Netherlands - Double Play



Netherlands - Triple Play



Prices in Netherlands compared with EU average*

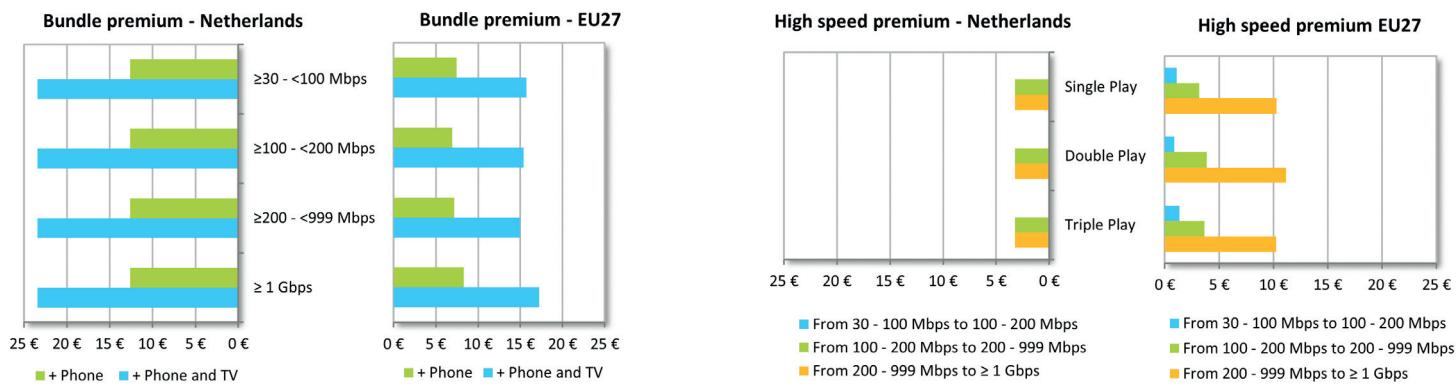
≥30 - <100 Mbps			
Single Play	Double Play	Triple Play	
+51%	+54%	+48%	
≥100 - <200 Mbps			
Single Play	Double Play	Triple Play	
+41%	+49%	+44%	
≥200 - <999 Mbps			
Single Play	Double Play	Triple Play	
+34%	+41%	+41%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+4%	+13%	+18%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	T-Mobile Glasvezel 100 Mbit/s	30.14	19.62
≥30 - <100 Mbps fixed internet	T-Mobile Glasvezel 100 Mbit/s	30.14	19.96
≥100 - <200 Mbps fixed internet	T-Mobile Glasvezel 100 Mbit/s	30.14	21.32
≥200 - <999 Mbps fixed internet	T-Mobile Glasvezel 400 Mbit/s	33.37	24.94
≥ 1 Gbps fixed internet	T-Mobile Glasvezel 1000 Mbit/s	36.59	35.17
≥30 - <100 Mbps fixed internet with fixed phone	T-Mobile Glasvezel 100 Mbit/s	42.78	27.84
≥100 - <200 Mbps fixed internet with fixed phone	T-Mobile Glasvezel 100 Mbit/s	42.78	28.73
≥200 - <999 Mbps fixed internet with fixed phone	T-Mobile Glasvezel 400 Mbit/s	46.01	32.6
≥ 1 Gbps fixed internet with fixed phone	T-Mobile Glasvezel 1000 Mbit/s	49.23	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	T-Mobile Glasvezel 100 Mbit/s	53.54	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	T-Mobile Glasvezel 100 Mbit/s	53.54	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	T-Mobile Glasvezel 400 Mbit/s	56.77	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	T-Mobile Glasvezel 1000 Mbit/s	60	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in the Netherlands rose slightly (by 10%). The most pronounced increase is noted in HH9 (19%).

EU comparison

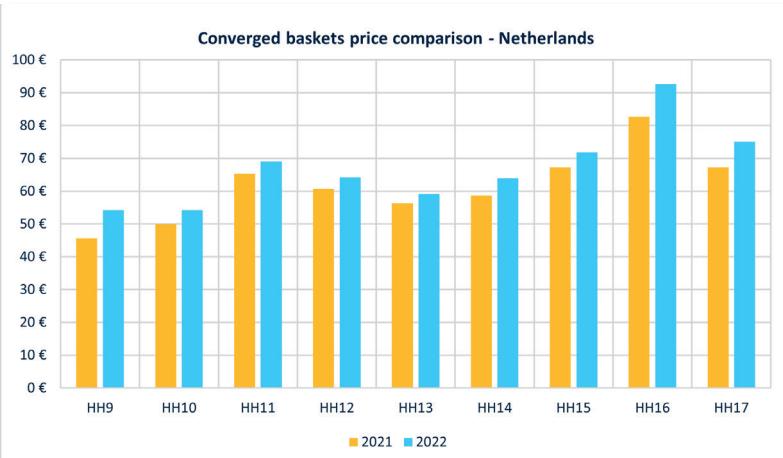
Compared to all EU27 countries, prices for household broadband baskets in the Netherlands are significantly higher than the EU average. No offers were found to be less expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Netherlands	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	11.48	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	11.48	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	10.76	14.34
	+ Double Play 200-999 Mbps (HH13)	13.13	14.10
	+ Double Play 200-999 Mbps (HH14)	17.94	20.01
	+ Triple Play 200-999 Mbps (HH15)	15.07	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	15.07	19.03

Prices in Netherlands compared with EU average*

HH9	HH10	HH11
+39%	+36%	+19%
HH12	HH13	HH14
+25%	+27%	+22%
HH15	HH16	HH17
+19%	+13%	+8%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	T-Mobile / T-Mobile Glasvezel 100 Mbit/s / 5GB + 200 Bel	54.26	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	T-Mobile / T-Mobile Glasvezel 100 Mbit/s / 5GB + 200 Bel	54.26	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	T-Mobile / T-Mobile Glasvezel 100 Mbit/s / 20GB + 200 Bel	69.03	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	T-Mobile Glasvezel 100 Mbit/s	64.3	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	T-Mobile / T-Mobile Glasvezel 400 Mbit/s / 20GB + 200 Bel	59.13	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	T-Mobile / T-Mobile Glasvezel 400 Mbit/s / 20GB + unlimited Bel	63.94	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	T-Mobile Glasvezel 400 Mbit/s	71.84	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	T-Mobile / T-Mobile Glasvezel 400 Mbit/s / 20GB + unlimited Bel	92.65	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	T-Mobile Glasvezel 1000 Mbit/s	75.07	69.68

Mobile Broadband

Price development

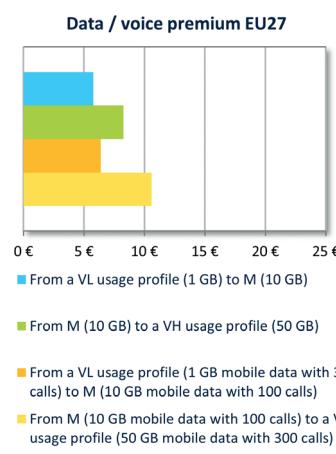
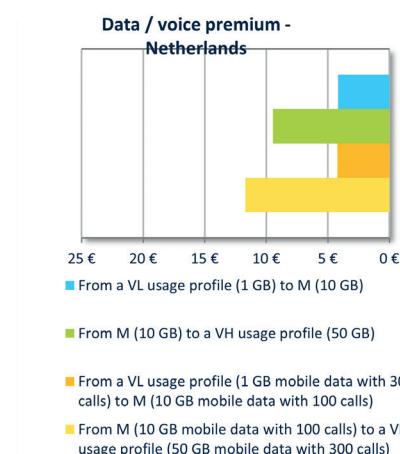
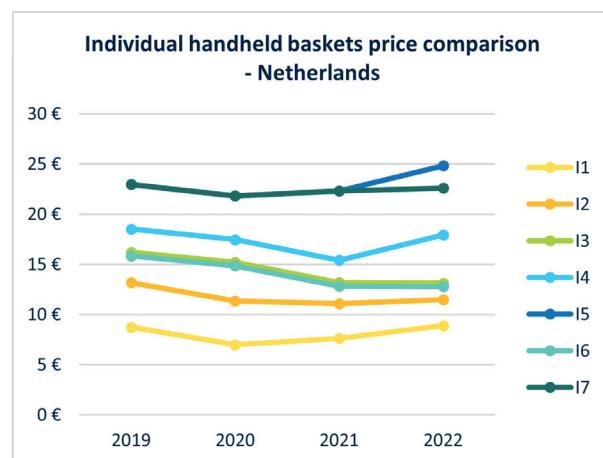
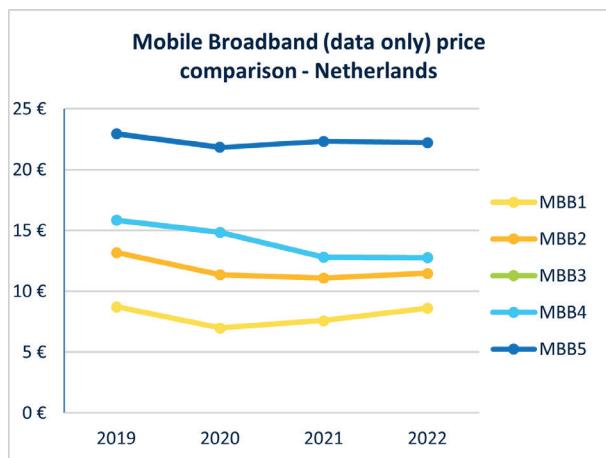
Compared to 2021, averaging over the usage baskets shown, prices in the Netherlands rose slightly (by 5%). For 10 GB or more mobile data with no calls, the price trend was different as prices remained nearly unchanged.

EU comparison

Prices for mobile broadband in the Netherlands show a different pattern compared to EU27 countries overall. While data only baskets (except for MBB4) are more expensive than the EU average, all but one basket including telephony are less expensive.

Market competition

T-Mobile provides least expensive offers across all but one service bundles on the market in the Netherlands (11 of 12). KPN provides the remainder.



Prices in Netherlands compared with EU average*		
MBB1	MBB2	MBB3
+46%	+22%	+10%
MBB4	MBB5	I1
-21%	+12%	+3%
I2	I3	I4
-0%	-13%	-16%
I5	I6	I7
-3%	-35%	-9%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	KPN Mobile Internet 1 GB 24M	8.61	5.88
MBB2: 5 GB mobile data with no calls	T-Mobile 5GB + 200 Bel	11.48	9.43
MBB3: 10 GB mobile data with no calls	T-Mobile 20GB + 200 Bel	12.77	11.64
MBB4: 20 GB mobile data with no calls	T-Mobile 20GB + 200 Bel	12.77	16.15
MBB5: 50 GB mobile data with no calls	T-Mobile Unlimited GB + 200 Bel	22.24	19.89
I1: 1 GB mobile data with 30 calls	T-Mobile 1GB + 200 Bel	8.9	8.63
I2: 5 GB mobile data with 30 calls	T-Mobile 5GB + 200 Bel	11.48	11.52
I3: 10 GB mobile data with 100 calls	T-Mobile 20GB + 200 Bel	13.13	15.02
I4: 20 GB mobile data with 300 calls	T-Mobile 20GB + unlimited Bel	17.94	21.41
I5: 50 GB mobile data with 300 calls	T-Mobile Unlimited GB + unlimited bel	24.83	25.59
I6: 20 GB mobile data with 30 calls	T-Mobile 20GB + 200 Bel	12.77	19.64
I7: 50 GB mobile data with 100 calls	T-Mobile Unlimited GB + 200 Bel	22.6	24.86



Poland



Krakau by Rolf Krähl, flickr.com. CC BY-SA 2.0

Country report 2022

ISPs in sample

Netia | Orange | UPC Polska | Vectra

MNOs in sample

Orange | Polkomtel | P4

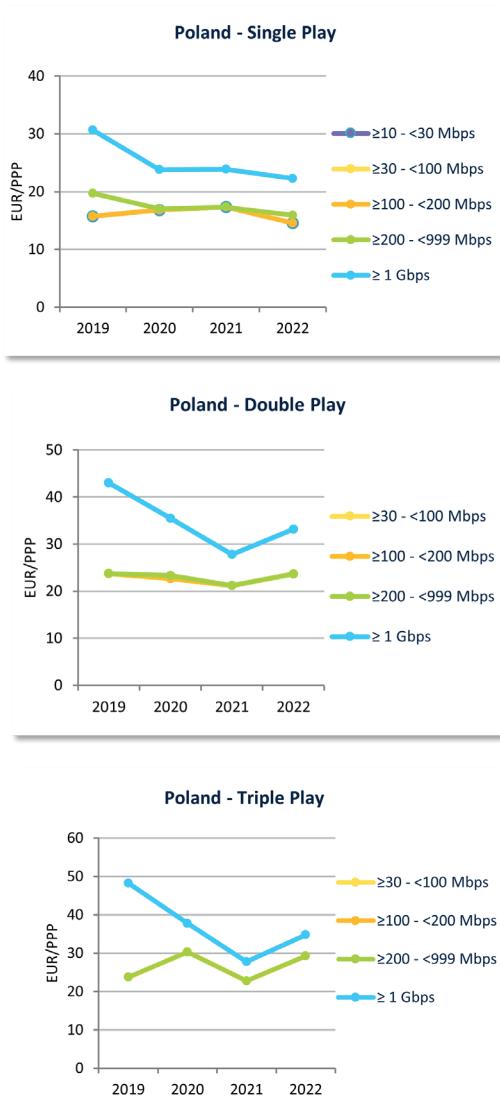
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Poland rose by 10%. In contrast, for consumers requiring $\geq 10 - < 30$ Mbps fixed internet, prices fell noticeably (by 13%).



Market competition

Netia provides least expensive offers across the majority of all service bundles on the market in Poland (7 of 13). UPC Polska and Vectra provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Poland are between 18% and 46% lower than the EU average. No offers were found to be more expensive than the EU average.

Prices in Poland compared with EU average*			
$\geq 30 - < 100$ Mbps			
Single Play	Double Play	Triple Play	
-27%	-46%	-19%	
$\geq 100 - < 200$ Mbps			
Single Play	Double Play	Triple Play	
-32%	-18%	-21%	
$\geq 200 - < 999$ Mbps			
Single Play	Double Play	Triple Play	
-36%	-27%	-28%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-37%	-24%	-31%	

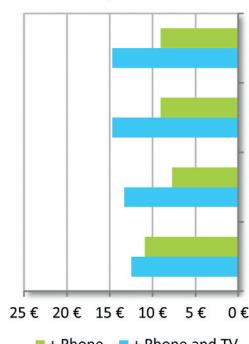
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

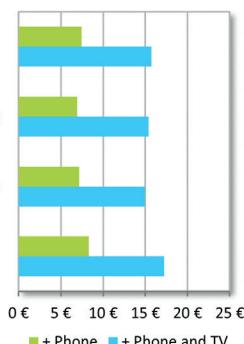
Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	UPC Polska Internet 150	14.56	19.62
≥30 - <100 Mbps fixed internet	UPC Polska Internet 150	14.56	19.96
≥100 - <200 Mbps fixed internet	UPC Polska Internet 150	14.56	21.32
≥200 - <999 Mbps fixed internet	Netia Internet 300	15.91	24.94
≥ 1 Gbps fixed internet	Netia Internet 1 Gb/s	22.28	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Vectra Internet 300 Mb/s	23.65	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Vectra Internet 300 Mb/s	23.65	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Vectra Internet 300 Mb/s	23.65	32.6
≥ 1 Gbps fixed internet with fixed phone	Netia Internet 1 Gb/s	33.19	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Netia Internet 300	29.25	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Netia Internet 300	29.25	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Netia Internet 300	29.25	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Netia Internet 1 Gb/s	34.78	50.65

Bundle premium - Poland



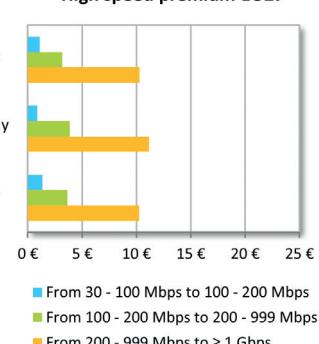
Bundle premium - EU27



High speed premium - Poland



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Poland rose noticeably (by 13%). The highest increase was recorded in HH12, where prices rose by 24%.

EU comparison

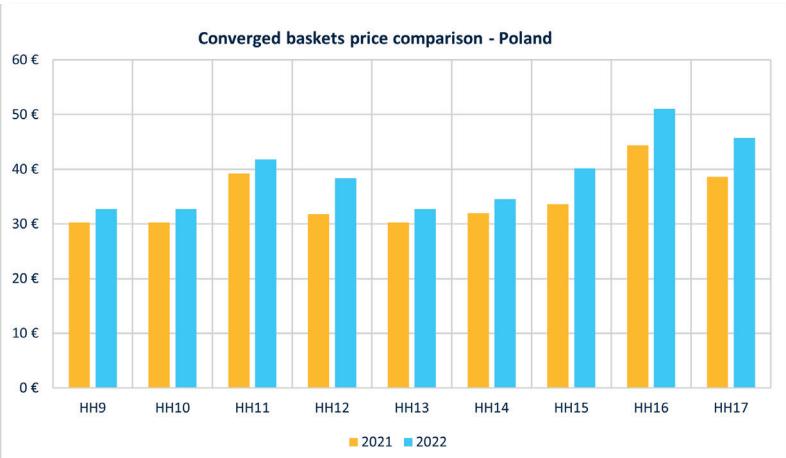
Compared to all EU27 countries, prices for household broadband baskets in Poland are between 16% and 38% lower than the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Poland	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	9.09	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	9.09	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	9.09	14.34
	+ Double Play 200-999 Mbps (HH13)	9.09	14.10
	+ Double Play 200-999 Mbps (HH14)	10.91	20.01
	+ Triple Play 200-999 Mbps (HH15)	10.91	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	10.91	19.03

Prices in Poland compared with EU average*

HH9	HH10	HH11
-16%	-18%	-28%
HH12	HH13	HH14
-26%	-30%	-34%
HH15	HH16	HH17
-34%	-38%	-34%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Vectra / Orange Internet 300 Mb/s / Flex 15	32.74	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Vectra / Orange Internet 300 Mb/s / Flex 15	32.74	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Vectra / Orange Internet 300 Mb/s / Flex 15	41.84	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Netia / Orange Internet 300 / Flex 15	38.34	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Vectra / Orange Internet 300 Mb/s / Flex 15	32.74	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Vectra / Orange Internet 300 Mb/s / Flex 30	34.56	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Netia / Orange Internet 300 / Flex 30	40.16	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Netia / Orange Internet 300 / Flex 30	51.07	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Netia / Orange Internet 1 Gb/s / Flex 30	45.69	69.68

279

Mobile Broadband

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Poland rose noticeably (by 14%). In contrast, for consumers requiring 50 GB mobile data with no calls, prices fell by 7%.

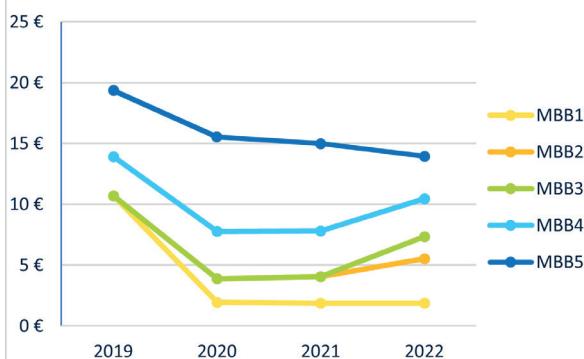
EU comparison

Compared to all EU27 countries, prices for mobile broadband in Poland are lower than the EU average. However, the lowest price of offers for consumers requiring 1 GB mobile data with 30 calls is 5% higher than the EU average.

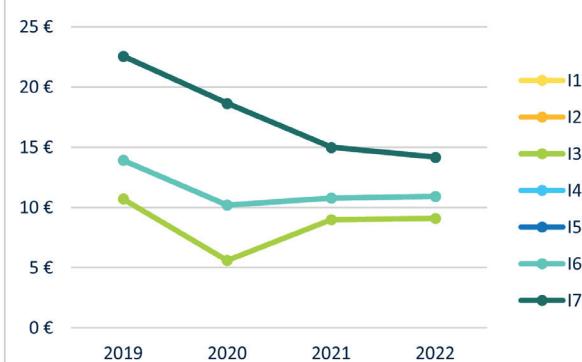
Market competition

Orange provides least expensive offers for most service bundles on the market in Poland (7 of 12). P4 and Polkomtel provide the remainder.

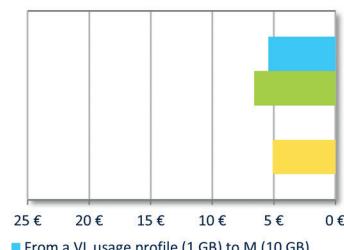
Mobile Broadband (data only) price comparison - Poland



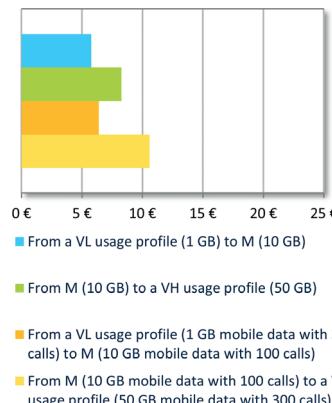
Individual handheld baskets price comparison - Poland



Data / voice premium - Poland



Data / voice premium EU27



Prices in Poland compared with EU average*

	MBB1	MBB2	MBB3
	-68%	-41%	-37%
	MBB4	MBB5	I1
	-35%	-30%	+5%
I2	-21%	-39%	-49%
I5	-45%	-44%	-43%
I6			
I7			

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	P4 Internet Play24.5	1.89	5.88
MBB2: 5 GB mobile data with no calls	P4 Internet Play24.15	5.53	9.43
MBB3: 10 GB mobile data with no calls	P4 Internet Play24.20	7.35	11.64
MBB4: 20 GB mobile data with no calls	Polkomtel Internet - 30 GB	10.46	16.15
MBB5: 50 GB mobile data with no calls	Polkomtel Internet - 90 GB	13.94	19.89
I1: 1 GB mobile data with 30 calls	Orange Flex 15	9.09	8.63
I2: 5 GB mobile data with 30 calls	Orange Flex 15	9.09	11.52
I3: 10 GB mobile data with 100 calls	Orange Flex 15	9.09	15.02
I4: 20 GB mobile data with 300 calls	Orange Flex 30	10.91	21.41
I5: 50 GB mobile data with 300 calls	Orange Na kartę - bez limitu 39	14.18	25.59
I6: 20 GB mobile data with 30 calls	Orange Flex 30	10.91	19.64
I7: 50 GB mobile data with 100 calls	Orange Na kartę - bez limitu 39	14.18	24.86



Portugal



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Country report 2022

ISPs in sample

MEO | NOS | Vodafone

MNOs in sample

MEO | NOS | Vodafone

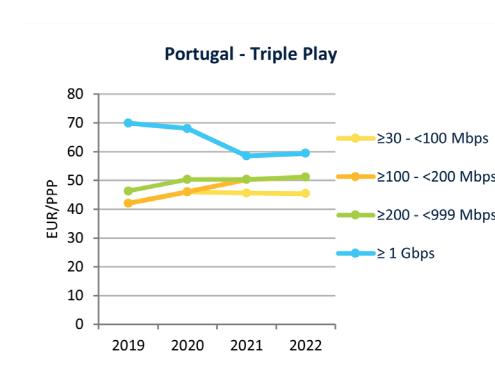
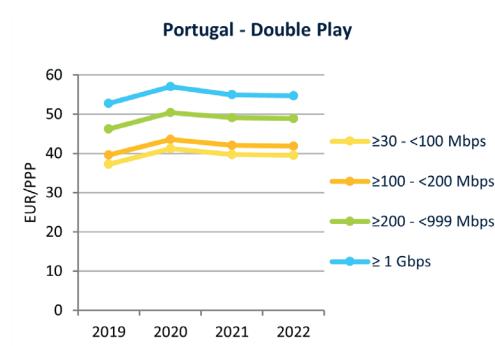
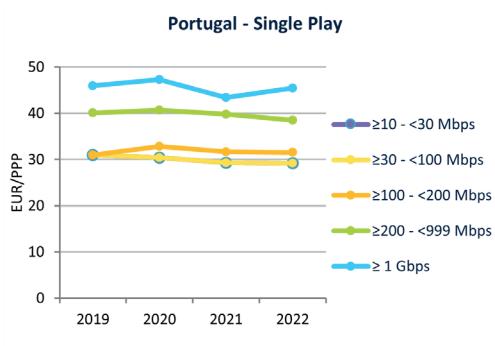
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Portugal remain nearly unchanged compared to the previous year (2021). A price difference is noted for Single Play in the Gigabit basket which increased by 5%.



Market competition

Vodafone Portugal provides least expensive offers for the majority of service bundles on the market in Portugal (9 of 13). MEO provides the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Portugal are significantly higher than the EU average (between 17% and 54%). No offers were found to be less expensive than the EU average.

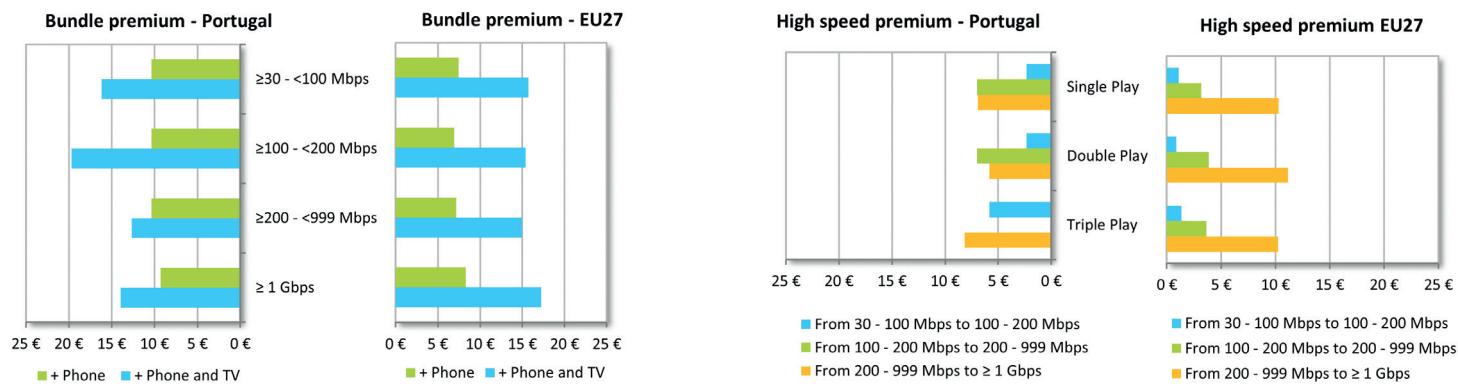
Prices in Portugal compared with EU average*			
≥30 - <100 Mbps			
Single Play	Double Play	Triple Play	
+46%	+42%	+26%	
≥100 - <200 Mbps			
Single Play	Double Play	Triple Play	
+48%	+46%	+38%	
≥200 - <999 Mbps			
Single Play	Double Play	Triple Play	
+54%	+50%	+27%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+29%	+25%	+17%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	MEO M1 Net (lim. 500GB)	29.19	19.62
≥30 - <100 Mbps fixed internet	MEO M1 Net (lim. 500GB)	29.19	19.96
≥100 - <200 Mbps fixed internet	MEO M1 Net 100	31.52	21.32
≥200 - <999 Mbps fixed internet	MEO M1 Net 500	38.53	24.94
≥ 1 Gbps fixed internet	Vodafone Portugal fibra 2 Gold	45.43	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Vodafone Portugal fibra 2 Plus	39.53	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Vodafone Portugal fibra 2 Gold	41.87	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Vodafone Portugal fibra 2 Gold	48.88	32.6
≥ 1 Gbps fixed internet with fixed phone	Vodafone Portugal fibra 2 Gold	54.72	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Vodafone Portugal fibra 3 Light	45.37	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Vodafone Portugal fibra 3 Plus	51.21	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Vodafone Portugal fibra 3 Plus	51.21	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Vodafone Portugal fibra 3 Play	59.39	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Portugal fell slightly (by 4%). In contrast, for consumers requiring ≥200 - <999 Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile, prices rose slightly (by 2%).

EU comparison

Compared to all EU27 countries, prices for household broadband baskets in Portugal are significantly higher than the EU average. No offers were found to be less expensive than the EU average.

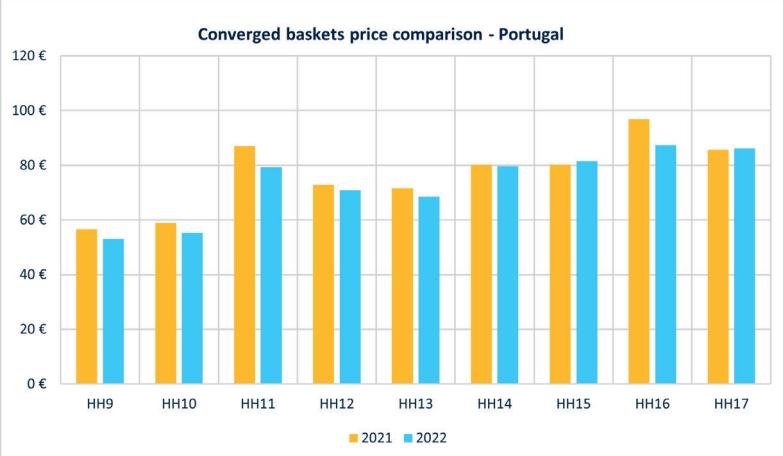
Bundle premium - mobile component - in € [PPP]		
	Portugal	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	13.43
	+ Double Play 100-200 Mbps (HH10)	13.43
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	19.59
	+ Double Play 200-999 Mbps (HH13)	19.59
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	30.78
	+ Triple Play 200-999 Mbps (HH15)	30.37
	+ Triple Play >1 Gbps Mbps (HH17)	26.86

Prices in Portugal compared with EU average*

HH9	HH10	HH11
+36%	+39%	+37%
HH12	HH13	HH14
+37%	+47%	+51%

HH15	HH16	HH17
+35%	+7%	+24%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Vodafone / MEO fibra 2 Plus / UZO 6 GB + 1000 minutos	52.96	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Vodafone / MEO fibra 2 Gold / UZO 6 GB + 1000 minutos	55.3	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Vodafone fibra 4 Promo	79.24	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Vodafone / MEO fibra 3 Plus / UZO 15 GB + 1000 minutos	70.8	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Vodafone / MEO fibra 2 Gold / UZO 15 GB + 1000 minutos	68.46	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Vodafone / MEO fibra 2 Gold / UZO 25 GB + 1000 minutos	79.66	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone fibra 4 Play	81.58	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Vodafone fibra 4 Promo	87.42	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone fibra 4 Play	86.25	69.68

Mobile Broadband

Price development

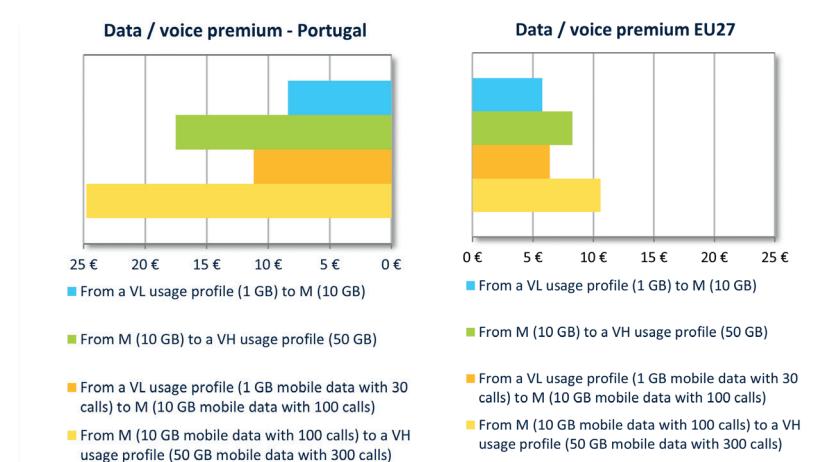
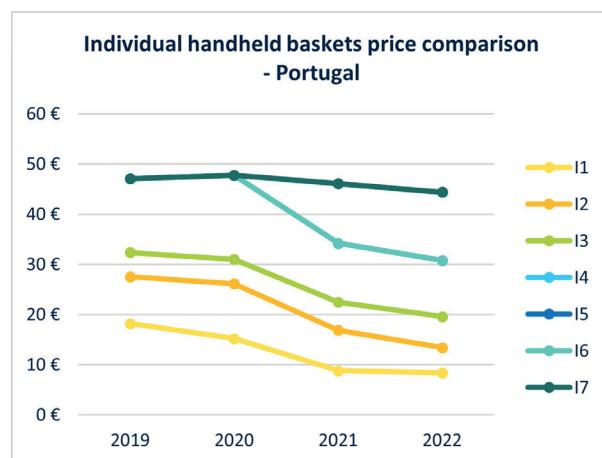
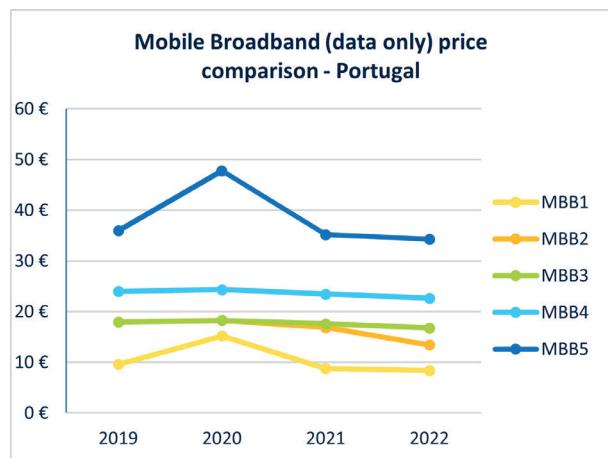
Compared to 2021, averaging over the usage baskets shown, prices in Portugal fell slightly (by 8%). For consumers requiring 5GB mobile data with and without calls, prices decreased the most (by 20%).

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Portugal are significantly higher than the EU average (between 17% and 73%). However, the lowest price of offers for consumers requiring 1 GB mobile data with 30 calls is slightly lower than the EU average (3%).

Market competition

MEO provides least expensive offers across almost all service bundles on the market in Portugal (10 of 12). NOS provides the remainder.



Prices in Portugal compared with EU average*		
MBB1	MBB2	MBB3
+43%	+42%	+44%
MBB4	MBB5	I1
+40%	+72%	-3%
I2	I3	I4
+17%	+30%	+44%
I5	I6	I7
+73%	+57%	+78%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	MEO UZO 1 GB + 1000 minutos	8.39	5.88
MBB2: 5 GB mobile data with no calls	MEO UZO 6 GB + 1000 minutos	13.43	9.43
MBB3: 10 GB mobile data with no calls	MEO M Net Móvel Pós-pago 15 GB	16.79	11.64
MBB4: 20 GB mobile data with no calls	MEO M Net Móvel Pós-pago 30 GB	22.63	16.15
MBB5: 50 GB mobile data with no calls	MEO M Net Móvel Pós-pago Todo o tráfego incluído	34.31	19.89
I1: 1 GB mobile data with 30 calls	MEO UZO 1 GB + 1000 minutos	8.39	8.63
I2: 5 GB mobile data with 30 calls	MEO UZO 6 GB + 1000 minutos	13.43	11.52
I3: 10 GB mobile data with 100 calls	MEO UZO 15 GB + 1000 minutos	19.59	15.02
I4: 20 GB mobile data with 300 calls	MEO UZO 25 GB + 1000 minutos	30.78	21.41
I5: 50 GB mobile data with 300 calls	NOS 50 GB + 1000 min	44.37	25.59
I6: 20 GB mobile data with 30 calls	MEO UZO 25 GB + 1000 minutos	30.78	19.64
I7: 50 GB mobile data with 100 calls	NOS 50 GB + 1000 min	44.37	24.86



Romania



Romania - Bukarest by Göran Höglund (Kartässam), flickr.com. CC BY-ND 2.0

Country report 2022

ISPs in sample

Digi Communications | Nextgen Communications
| Orange | Vodafone

MNOs in sample

Digi Communications | Orange | Vodafone

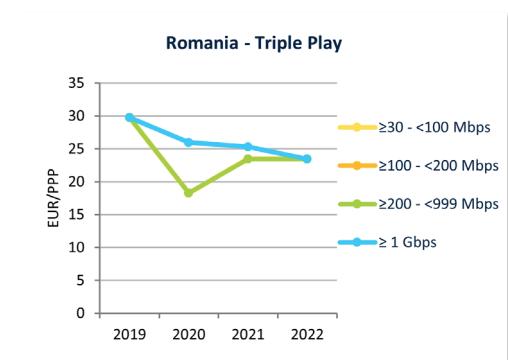
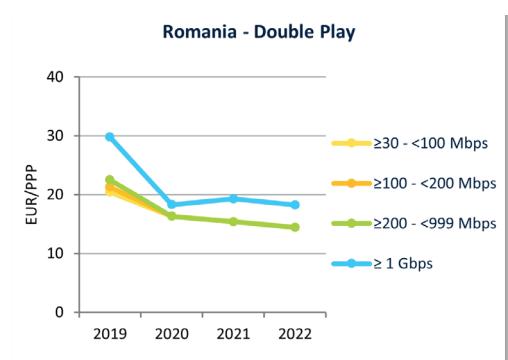
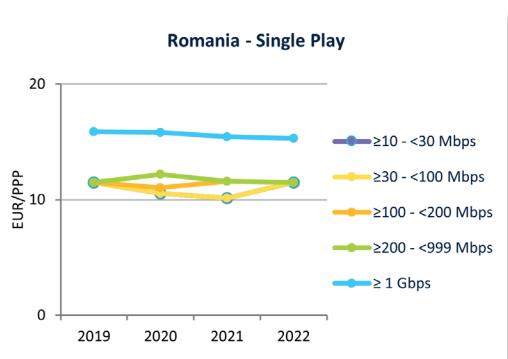
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Romania show a mixed trend compared to the previous year (2021). Prices for offers including ≥ 1 Gbps fixed internet with fixed phone and TV fell by 7%. In contrast, prices for Single Play offers with $\geq 30 - <100$ Mbps and $\geq 100 - <200$ Mbps rose by 5%.



Market competition

Digi Communications provides least expensive offers across most service bundles on the market in Romania (9 of 13). Vodafone provides the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Romania are between 35% and 67% lower than the EU average. No offers were found to be more expensive than the EU average.

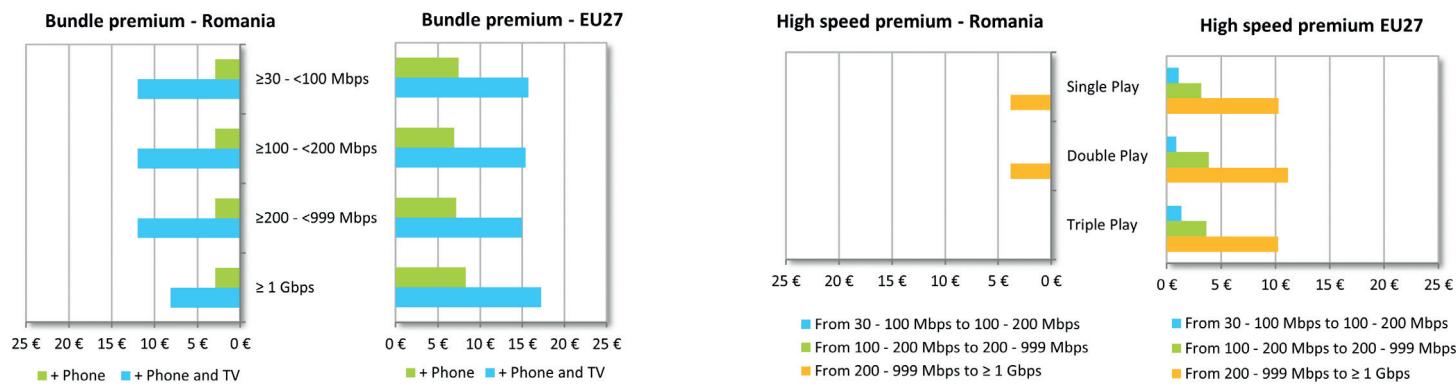
Prices in Romania compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-42%	-67%	-35%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-46%	-50%	-37%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-54%	-56%	-42%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-56%	-58%	-54%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Digi Communications FibreLink 500	11.48	19.62
≥30 - <100 Mbps fixed internet	Digi Communications FibreLink 500	11.48	19.96
≥100 - <200 Mbps fixed internet	Digi Communications FibreLink 500	11.48	21.32
≥200 - <999 Mbps fixed internet	Digi Communications FibreLink 500	11.48	24.94
≥ 1 Gbps fixed internet	Digi Communications FibreLink 1000	15.31	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Digi Communications FibreLink 500	14.4	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Digi Communications FibreLink 500	14.4	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Digi Communications FibreLink 500	14.4	32.6
≥ 1 Gbps fixed internet with fixed phone	Digi Communications FibreLink 1000	18.23	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Vodafone Home Deal	23.45	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Vodafone Home Deal	23.45	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Vodafone Home Deal	23.45	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Vodafone Home Deal	23.45	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Romania show a slight decrease compared to the previous year (2021). Prices for offers including ≥200 - <999 Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile rose by 2%.

EU comparison

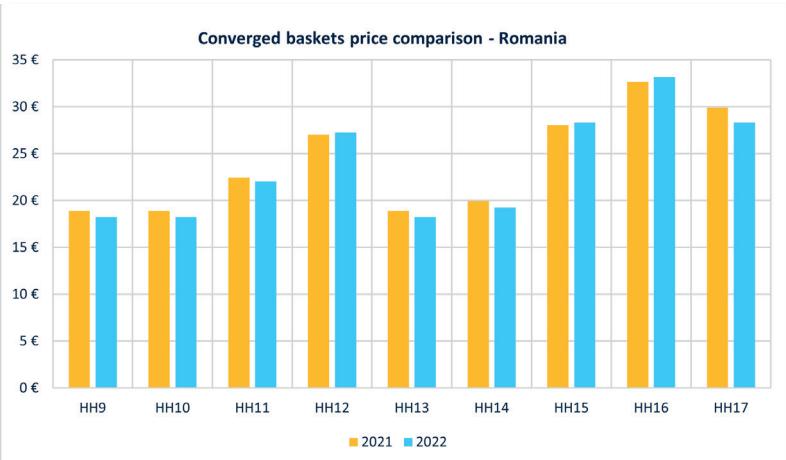
Compared to all EU27 countries, prices for household broadband baskets in Romania are less than half the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Romania	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	3.81	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	3.81	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	3.81	14.34
	+ Double Play 200-999 Mbps (HH13)	3.81	14.10
	+ Double Play 200-999 Mbps (HH14)	4.85	20.01
	+ Triple Play 200-999 Mbps (HH15)	4.85	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	4.85	19.03

Prices in Romania compared with EU average*

HH9	HH10	HH11
-53%	-54%	-62%
HH12	HH13	HH14
-47%	-61%	-63%
HH15	HH16	HH17
-53%	-60%	-59%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Digi Communications / Digi C. Fibre-Link 500 / Digi Mobil Optim 2	18.22	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Digi Communications / Digi C. Fibre-Link 500 / Digi Mobil Optim 2	18.22	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Digi Communications / Digi C. Fibre-Link 500 / Digi Mobil Optim 2	22.03	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Vodafone / Digi Communications Home Deal / Digi Mobil Optim 2	27.26	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Digi Communications / Digi C. Fibre-Link 500 / Digi Mobil Optim 2	18.22	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Digi Communications / Digi C. Fibre-Link 500 / Digi Mobil Optim 2	19.26	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone / Digi Communications Home Deal / Digi Mobil Optim 2	28.3	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Vodafone / Digi Communications Home Deal / Digi Mobil Optim 2	33.16	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Vodafone / Digi Communications Home Deal / Digi Mobil Optim 2	28.3	69.68

Mobile Broadband

Price development

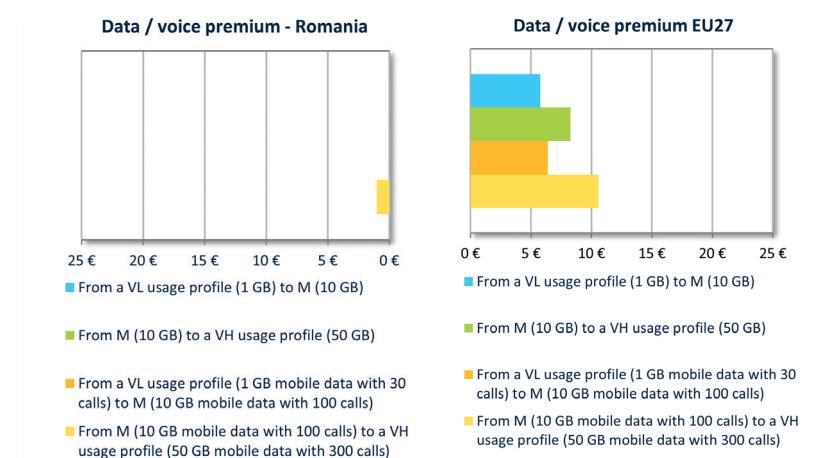
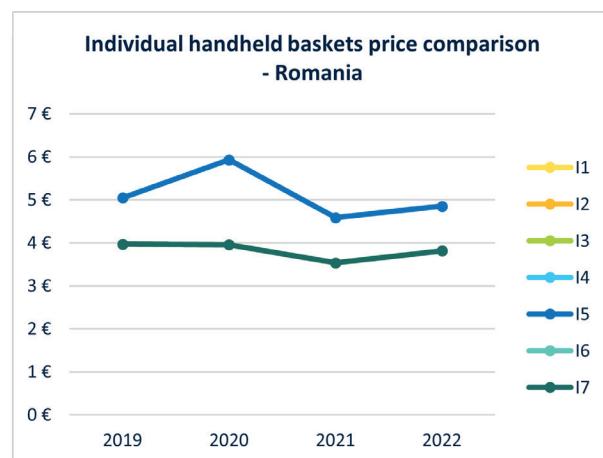
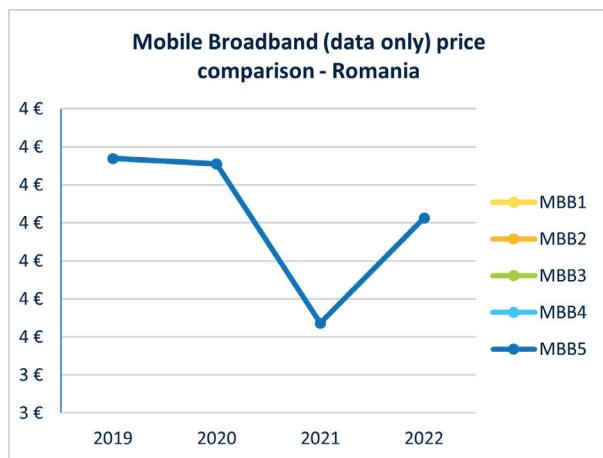
Compared to 2021, averaging over the usage baskets shown, prices in Romania rose slightly by 8%. All baskets are serviced by the same offer and include unlimited calls and mobile data.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Romania are very much lower than the EU average (up to 85%). No offers were found to be more expensive than the EU average.

Market competition

Digi Communications provides one least expensive offers for all service bundles on the market in Romania.



Prices in Romania compared with EU average*		
MBB1	MBB2	MBB3
-35%	-60%	-67%
MBB4	MBB5	I1
-76%	-81%	-56%
I2	I3	I4
-67%	-75%	-77%
I5	I6	I7
-81%	-81%	-85%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Digi Communications Digi Mobil Optim 2	3.81	5.88
MBB2: 5 GB mobile data with no calls	Digi Communications Digi Mobil Optim 2	3.81	9.43
MBB3: 10 GB mobile data with no calls	Digi Communications Digi Mobil Optim 2	3.81	11.64
MBB4: 20 GB mobile data with no calls	Digi Communications Digi Mobil Optim 2	3.81	16.15
MBB5: 50 GB mobile data with no calls	Digi Communications Digi Mobil Optim 2	3.81	19.89
I1: 1 GB mobile data with 30 calls	Digi Communications Digi Mobil Optim 2	3.81	8.63
I2: 5 GB mobile data with 30 calls	Digi Communications Digi Mobil Optim 2	3.81	11.52
I3: 10 GB mobile data with 100 calls	Digi Communications Digi Mobil Optim 2	3.81	15.02
I4: 20 GB mobile data with 300 calls	Digi Communications Digi Mobil Optim 2	4.85	21.41
I5: 50 GB mobile data with 300 calls	Digi Communications Digi Mobil Optim 2	4.85	25.59
I6: 20 GB mobile data with 30 calls	Digi Communications Digi Mobil Optim 2	3.81	19.64
I7: 50 GB mobile data with 100 calls	Digi Communications Digi Mobil Optim 2	3.81	24.86



Slovakia



Bratislava castle by Pixabay, pixels.com. CC0

Country report 2022

ISPs in sample

ANTIK Telekom | Orange | O2 Slovakia | Slovak Telekom | UPC

MNOs in sample

Orange | O2 Slovakia | Slovak Telekom

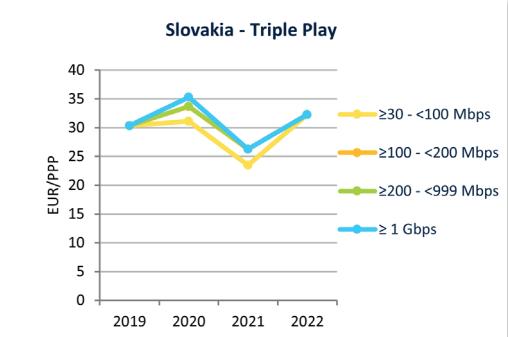
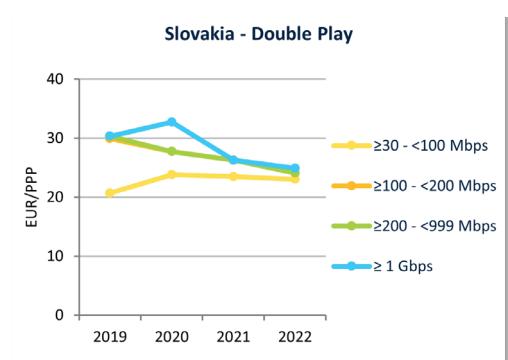
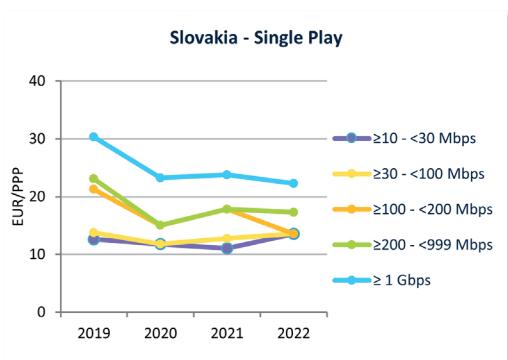
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Slovakia show a mixed trend compared to the previous year (2021). Prices for offers including $\geq 10 - <30$ Mbps fixed internet rose by 22% and fell by 24% for offers including $\geq 100 - <200$ Mbps fixed internet. Double Play offers also fell in price (by 6%) while Triple Play offer prices rose significantly (by 26%).



Market competition

ANTIK Telekom provides least expensive offers for 6 out of 13 service bundles on the market in Slovakia. Orange and UPC provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Slovakia are lower than the EU average (between 11% and 47%). No offers were found to be more expensive than the EU average.

Prices in Slovakia compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-32%	-47%	-11%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-36%	-16%	-13%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
-31%	-26%	-20%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-37%	-43%	-36%	

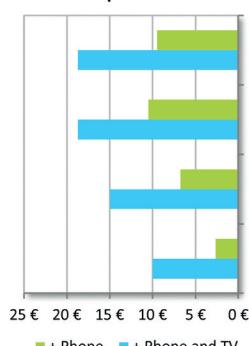
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

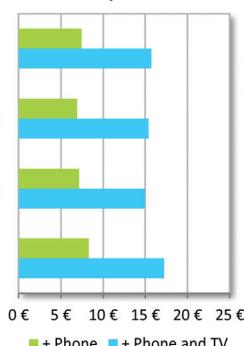
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	UPC Internet 100	13.55	19.62
≥30 - <100 Mbps fixed internet	UPC Internet 100	13.55	19.96
≥100 - <200 Mbps fixed internet	UPC Internet 100	13.55	21.32
≥200 - <999 Mbps fixed internet	UPC Internet 400	17.28	24.94
≥ 1 Gbps fixed internet	ANTIK Telekom Optický internet 1Gbit/s	22.27	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Orange Home Safe Fiber Partner Basic + Výhodné volania	23.05	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Orange Home Safe Fiber Partner Optimal + Výhodné volania	24.06	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Orange Home Safe Fiber Partner Optimal + Výhodné volania	24.06	32.6
≥ 1 Gbps fixed internet with fixed phone	ANTIK Telekom Optický internet 1Gbit/s + Volam 40	24.91	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	ANTIK Telekom Optický internet 1Gbit/s + Volam 40 + Antik TV Mini	32.24	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	ANTIK Telekom Optický internet 1Gbit/s + Volam 40 + Antik TV Mini	32.24	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	ANTIK Telekom Optický internet 1Gbit/s + Volam 40 + Antik TV Mini	32.24	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	ANTIK Telekom Optický internet 1Gbit/s + Volam 40 + Antik TV Mini	32.24	50.65

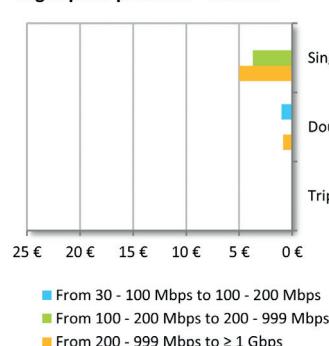
Bundle premium - Slovakia



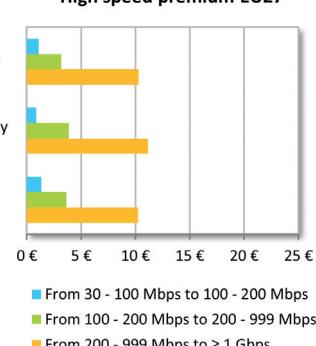
Bundle premium - EU27



High speed premium - Slovakia



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Slovakia rose by 8%. In contrast, for consumers requiring $\geq 100 - <200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile, prices fell slightly (by 4%).

EU comparison

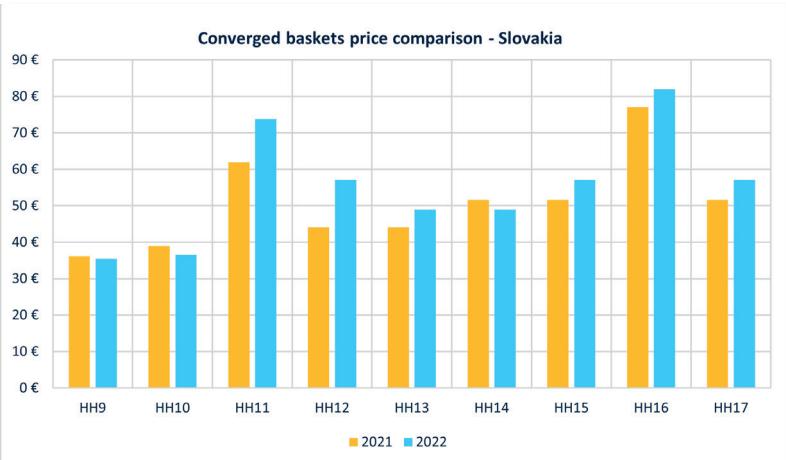
Prices for household broadband baskets in Slovakia show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile find offers slightly lower than the EU average, those seeking $\geq 100 - <200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile find prices significantly higher than the EU average.

Bundle premium - mobile component - in € [PPP]		
	Slovakia	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	12.43
	+ Double Play 100-200 Mbps (HH10)	12.43
100 calls 10 GB mobile	+ Triple Play 100-200 Mbps (HH12)	24.86
	+ Double Play 200-999 Mbps (HH13)	24.86
300 calls 20 GB mobile	+ Double Play 200-999 Mbps (HH14)	24.86
	+ Triple Play 200-999 Mbps (HH15)	24.86
	+ Triple Play >1 Gbps Mbps (HH17)	24.86

Prices in Slovakia compared with EU average*

HH9	HH10	HH11
-9%	-8% ●	+27% ●
HH12	HH13	HH14
+11% ●	+5% ●	-7% ●
HH15	HH16	HH17
-6% ●	-0% ●	-18% ●

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Orange / O2 Slovakia Home Safe Fiber Partner Basic + Výhodné volania / Veľká Radost'	35.48	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Orange / O2 Slovakia Home Safe Fiber Partner Optimal + Výhodné volania / Veľká Radost'	36.49	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Orange / O2 Slovakia Home Safe Fiber Partner Optimal + Výhodné volania / Nekonečná Radost'	73.77	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	ANTIK Telekom / O2 Slovakia Optický internet 1Gbit/s + Volam 40 + Antik TV Mini / Nekonečná Radost'	57.1	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Orange / O2 Slovakia Home Safe Fiber Partner Optimal + Výhodné volania / Nekonečná Radost'	48.92	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Orange / O2 Slovakia Home Safe Fiber Partner Optimal + Výhodné volania / Nekonečná Radost'	48.92	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	ANTIK Telekom / O2 Slovakia Optický internet 1Gbit/s + Volam 40 + Antik TV Mini / Nekonečná Radost'	57.1	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	ANTIK Telekom / O2 Slovakia Optický internet 1Gbit/s + Volam 40 + Antik TV Mini / Nekonečná Radost'	81.96	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	ANTIK Telekom / O2 Slovakia Optický internet 1Gbit/s + Volam 40 + Antik TV Mini / Nekonečná Radost'	57.1	69.68

300

Mobile Broadband

Price development

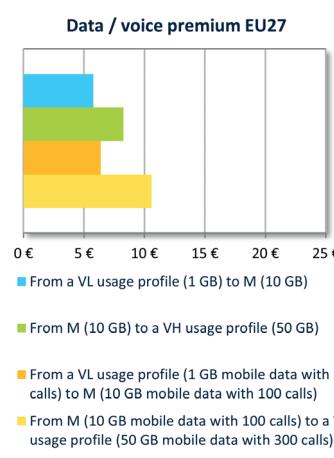
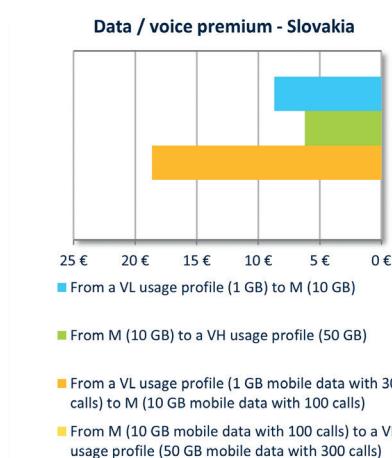
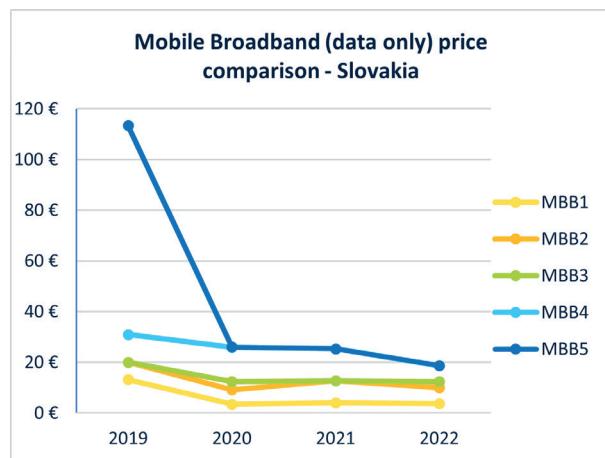
Prices for mobile broadband services in Slovakia decreased by 7% on average compared to the previous year (2021). Prices for offers including 10 GB mobile data with 100 calls rose by 40%.

Market competition

O2 Slovakia provides least expensive offers across the majority of service bundles on the market in Slovakia (9 of 12). Orange and Slovak Telekom provide the remainder.

EU comparison

Prices for mobile broadband in Slovakia show a mixed pattern compared to EU27 countries overall. Whereas consumers requiring 10 GB mobile data with 100 calls find offers much higher than the EU average (66%), those seeking 1 GB mobile data with no calls find prices 37% lower than the EU average.



Prices in Slovakia compared with EU average*		
MBB1	MBB2	MBB3
-37%	+5%	+7%
MBB4	MBB5	I1
+15%	-6%	-28%
I2	I3	I4
+8%	+66%	+16%
I5	I6	I7
-3%	+13%	+0%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

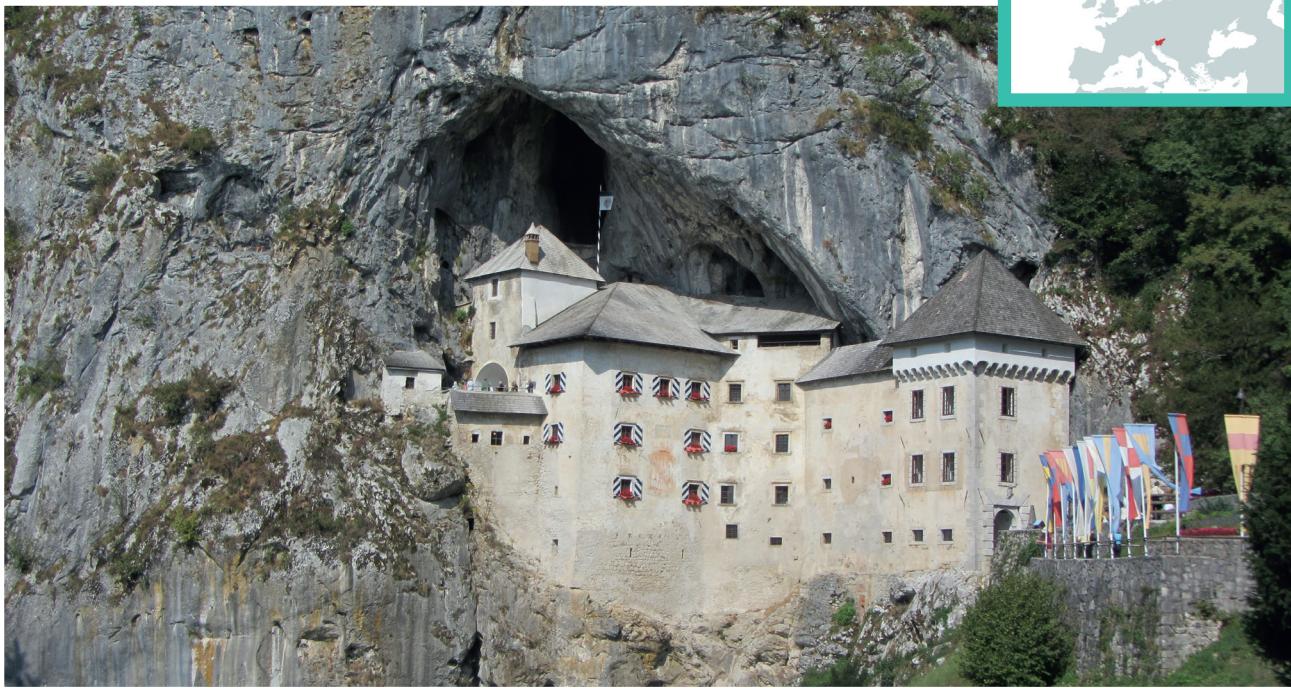
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Slovak Telekom Predplnka 1GB	3.73	5.88
MBB2: 5 GB mobile data with no calls	Orange Prima Vol'ba + 5 GB	9.94	9.43
MBB3: 10 GB mobile data with no calls	Orange Prima Vol'ba + 10 GB	12.43	11.64
MBB4: 20 GB mobile data with no calls	O2 Slovakia Dátová Radost'	18.64	16.15
MBB5: 50 GB mobile data with no calls	O2 Slovakia Dátová Radost'	18.64	19.89
I1: 1 GB mobile data with 30 calls	O2 Slovakia Malá Radost'	6.21	8.63
I2: 5 GB mobile data with 30 calls	O2 Slovakia Veľká Radost'	12.43	11.52
I3: 10 GB mobile data with 100 calls	O2 Slovakia Nekonečná Radost'	24.86	15.02
I4: 20 GB mobile data with 300 calls	O2 Slovakia Nekonečná Radost'	24.86	21.41
I5: 50 GB mobile data with 300 calls	O2 Slovakia Nekonečná Radost'	24.86	25.59
I6: 20 GB mobile data with 30 calls	O2 Slovakia Dátová Radost'	22.25	19.64
I7: 50 GB mobile data with 100 calls	O2 Slovakia Nekonečná Radost'	24.86	24.86

302



Slovenia



Predjama, Slovenia by Stephen Colebourne, flickr.com. CC BY 2.0

Country report 2022

ISPs in sample

A1 Slovenija | Telemach | Telekom Slovenije | T-2

MNOs in sample

A1 Slovenija | Telemach | Telekom Slovenije

October 2022 data

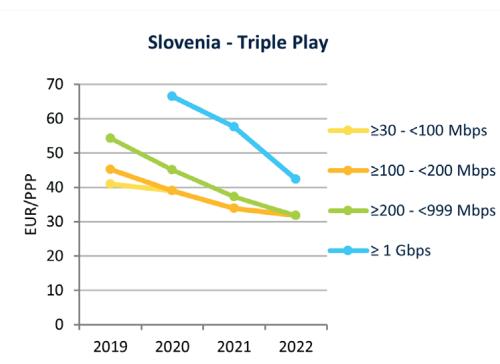
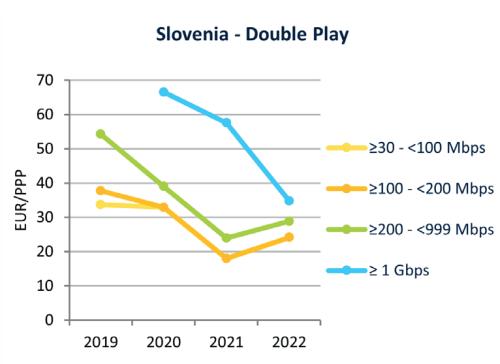
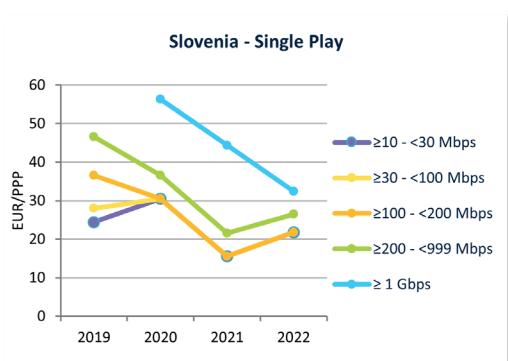
2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

303

Fixed Broadband

Price development

Prices for fixed broadband services in Slovenia increased by 12% on average compared to the previous year (2021). The steepest increase is noted with Single Play and Double Play offers requiring <999 Mbps fixed internet (up to 40%). Prices for offers including ≥ 1 Gbps fixed internet with fixed phone fell between 26% and 40%.



Market competition

A1 Slovenija provides least expensive offers across all service bundles on the market in Slovenia.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Slovenia are lower than the EU average. However, the lowest price of offers for consumers requiring $\geq 10 - <30$ Mbps fixed internet is slightly higher than the EU average (9%).

Prices in Slovenia compared with EU average*

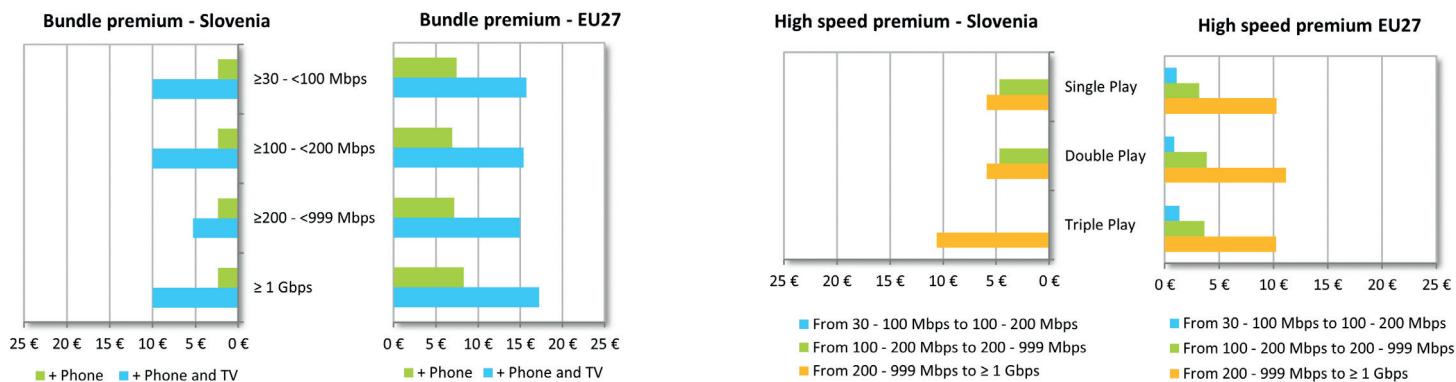
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+9%	-45%	-12%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
+2%	-16%	-15%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+6%	-12%	-21%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-8%	-21%	-16%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
≥10 - <30 Mbps fixed internet	A1 Slovenija A1 Fix Net	21.77	19.62
≥30 - <100 Mbps fixed internet	A1 Slovenija A1 Fix Net	21.77	19.96
≥100 - <200 Mbps fixed internet	A1 Slovenija A1 Fix Net	21.77	21.32
≥200 - <999 Mbps fixed internet	A1 Slovenija A1 Ultra Net	26.47	24.94
≥ 1 Gbps fixed internet	A1 Slovenija A1 Ultra Net	32.36	35.17
≥30 - <100 Mbps fixed internet with fixed phone	A1 Slovenija A1 Fix Net	24.12	27.84
≥100 - <200 Mbps fixed internet with fixed phone	A1 Slovenija A1 Fix Net	24.12	28.73
≥200 - <999 Mbps fixed internet with fixed phone	A1 Slovenija A1 Ultra Net	28.83	32.6
≥ 1 Gbps fixed internet with fixed phone	A1 Slovenija A1 Ultra Net	34.72	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	A1 Slovenija A1 Kabel internet + TV M	31.77	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	A1 Slovenija A1 Kabel internet + TV M	31.77	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	A1 Slovenija A1 Kabel internet + TV M	31.77	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	A1 Slovenija A1 Ultra Net	42.37	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Slovenia show a mixed trend compared to the previous year (2021). Prices for offers including ≥30 - <100 Mbps and ≥100 - <200 Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile rose by 22%. Prices for the high-end baskets HH15-17 decreased by up to 29%.

EU comparison

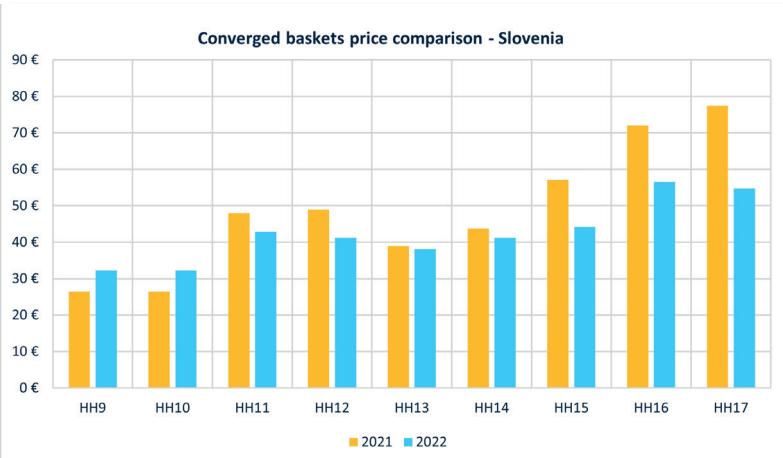
Compared to all EU27 countries, prices for household broadband baskets in Slovenia are up to 31% lower than the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Slovenia	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	8.13	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	8.13	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	9.36	14.34
	+ Double Play 200-999 Mbps (HH13)	9.36	14.10
	+ Double Play 200-999 Mbps (HH14)	12.35	20.01
	+ Triple Play 200-999 Mbps (HH15)	12.35	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	12.35	19.03

Prices in Slovenia compared with EU average*

HH9	HH10	HH11
-17%	-19%	-26%
HH12	HH13	HH14
-20%	-18%	-22%
HH15	HH16	HH17
-27%	-31%	-21%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	A1 Slovenija / A1 Slovenija A1 Fix Net / maksiSIMPL 5GB	32.25	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	A1 Slovenija / A1 Slovenija A1 Fix Net / maksiSIMPL 5GB	32.25	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	A1 Slovenija / Telemach A1 Fix Net / FREE2GO s SIM kartico Revolucija Mesečna	42.83	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	A1 Slovenija / Telemach A1 Kabel internet + TV M / FREE2GO s SIM kartico Revolucija Mesečna	41.13	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	A1 Slovenija / Telemach A1 Ultra Net / FREE2GO s SIM kartico Revolucija Mesečna	38.19	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	A1 Slovenija / A1 Slovenija A1 Ultra Net / A1 miniVajb	41.18	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	A1 Slovenija / A1 Slovenija A1 Kabel internet + TV M / A1 miniVajb	44.12	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	A1 Slovenija / A1 Slovenija A1 Kabel internet + TV M / A1 miniVajb	56.47	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	A1 Slovenija / A1 Slovenija A1 Ultra Net / A1 miniVajb	54.72	69.68

Mobile Broadband

Price development

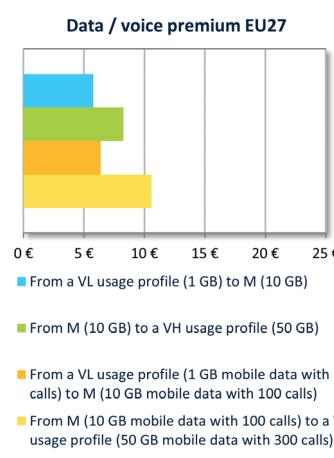
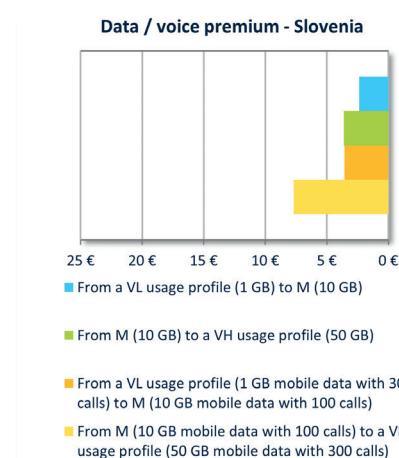
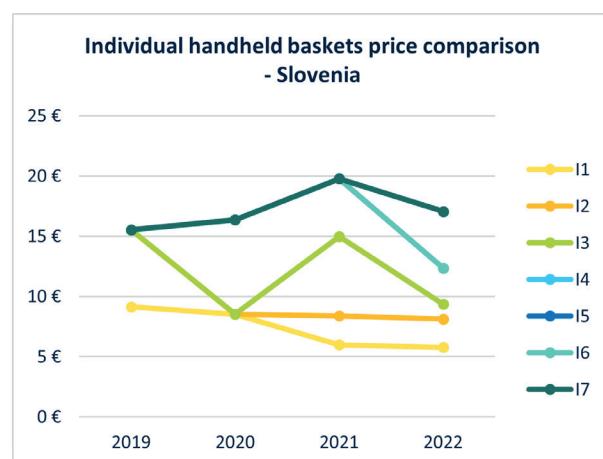
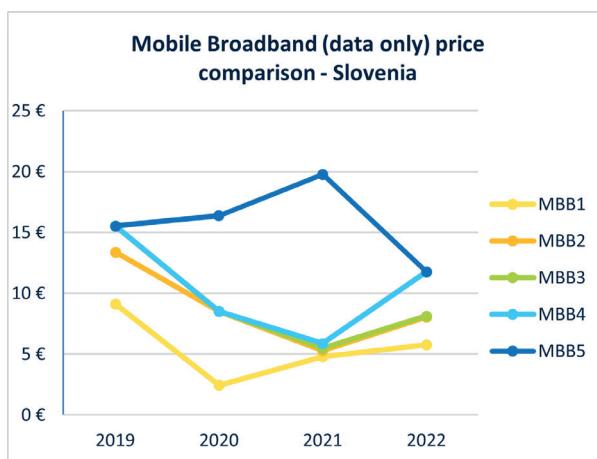
Prices for mobile broadband services in Slovenia rose compared to the previous year (2021). Prices for offers including 20 GB mobile data with no calls rose by 100% while offer prices for 50GB fell by 41%. Baskets including voice are observed to be 21% less expensive on average.

EU comparison

Compared to all EU27 countries, prices for mobile broadband in Slovenia are up to 42% lower than the EU average. No offers were found to be more expensive than the EU average.

Market competition

A1 Slovenija provides least expensive offers across the majority of service bundles on the market in Slovenia (8 of 12). Telekom Slovenije and Telemach provide the remainder.



Prices in Slovenia compared with EU average*			
Offer	MBB1	MBB2	MBB3
MBB1	-2%	-15%	-30%
MBB2	-27%	-41%	-33%
I2	-29%	-38%	-42%
I5	-33%	-37%	-31%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	A1 Slovenija miniSIMPL 1GB	5.78	5.88
MBB2: 5 GB mobile data with no calls	Telekom Slovenije Mobile Net Simple	8.05	9.43
MBB3: 10 GB mobile data with no calls	A1 Slovenija maksiSIMPL 10GB	8.13	11.64
MBB4: 20 GB mobile data with no calls	Telemach NET2GO with a SIM card with NET2GO 100 GB Monthly	11.76	16.15
MBB5: 50 GB mobile data with no calls	Telemach NET2GO with a SIM card with NET2GO 100 GB Monthly	11.76	19.89
I1: 1 GB mobile data with 30 calls	A1 Slovenija miniSIMPL 1GB	5.78	8.63
I2: 5 GB mobile data with 30 calls	A1 Slovenija maksiSIMPL 5GB	8.13	11.52
I3: 10 GB mobile data with 100 calls	Telemach FREE2GO s SIM kartico Revolucija Mesečna	9.36	15.02
I4: 20 GB mobile data with 300 calls	A1 Slovenija A1 miniVajb	12.35	21.41
I5: 50 GB mobile data with 300 calls	A1 Slovenija A1 Vajb	17.06	25.59
I6: 20 GB mobile data with 30 calls	A1 Slovenija A1 miniVajb	12.35	19.64
I7: 50 GB mobile data with 100 calls	A1 Slovenija A1 Vajb	17.06	24.86

309



Spain



Plaza Mayor by Dennis Jarvis, flickr.com. CC BY 2.0

Country report 2022

ISPs in sample

DIGI | Grupo MASMOVIL | Orange |
Telefonica | Vodafone

MNOs in sample

Movistar | Orange | Vodafone

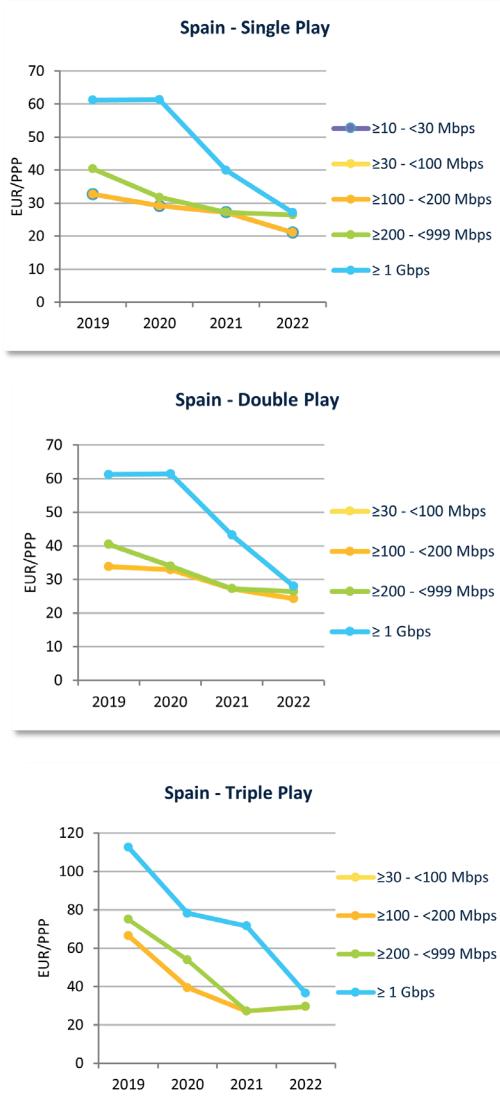
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Compared to 2021, across all baskets on average, prices in Spain fell noticeably (by 14%). In contrast, for consumers requiring up to 999 Mbps fixed internet with fixed phone and TV, prices rose by 9%.



Market competition

Orange provides least expensive offers across the majority of service bundles on the market in Spain (7 of 13). Vodafone and Grupo MASMOVIL provide the remainder.

EU comparison

Compared to all EU27 countries, prices for fixed broadband in Spain are up to 44% lower than the EU average. However, the lowest price of offers for consumers requiring $\geq 30 - <100$ Mbps or $\geq 200 - <999$ Mbps fixed internet is slightly higher than the EU average (6%).

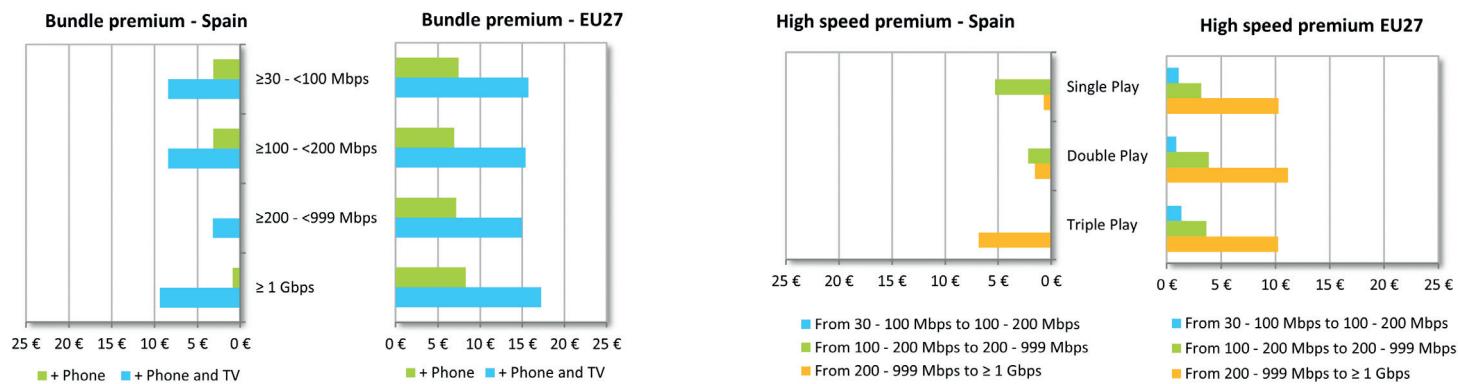
Prices in Spain compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
+6%	-44%	-18%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-1%	-15%	-21%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+6%	-19%	-27%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
-23%	-36%	-28%	

*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Orange Fibra 100Mb	21.13	19.62
≥30 - <100 Mbps fixed internet	Orange Fibra 100Mb	21.13	19.96
≥100 - <200 Mbps fixed internet	Orange Fibra 100Mb	21.13	21.32
≥200 - <999 Mbps fixed internet	Vodafone Fibra 300Mbps	26.43	24.94
≥ 1 Gbps fixed internet	Grupo MASMOVIL Fibra 1000	27.11	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Orange Fibra 100Mb	24.31	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Orange Fibra 100Mb	24.31	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Grupo MASMOVIL Fibra 300	26.47	32.6
≥ 1 Gbps fixed internet with fixed phone	Grupo MASMOVIL Fibra 1000	28.02	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Orange Fibra 100Mb	29.55	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Orange Fibra 100Mb	29.55	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Grupo MASMOVIL Fibra 300	29.65	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Grupo MASMOVIL Fibra 1000	36.5	50.65



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Compared to 2021, averaging over the usage baskets shown, prices in Spain fell by 9%. In contrast, for consumers requiring ≥ 100 - <200 Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile, prices rose slightly by 1%.

EU comparison

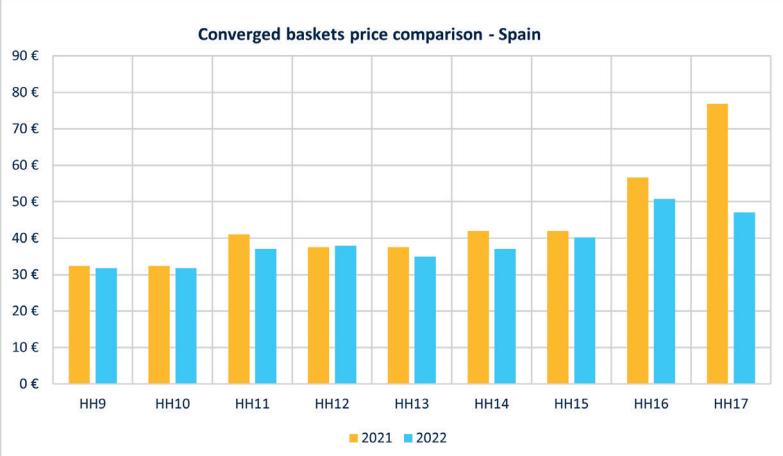
Compared to all EU27 countries, prices for household broadband baskets in Spain are between 18% and 38% lower than the EU average. No offers were found to be more expensive than the EU average.

Bundle premium - mobile component - in € [PPP]			
		Spain	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	7.47	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	7.47	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	8.42	14.34
	+ Double Play 200-999 Mbps (HH13)	8.42	14.10
	+ Double Play 200-999 Mbps (HH14)	10.59	20.01
	+ Triple Play 200-999 Mbps (HH15)	10.59	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	10.59	19.03

Prices in Spain compared with EU average*

HH9	HH10	HH11
-18%	-20%	-36%
HH12	HH13	HH14
-26%	-25%	-30%
HH15	HH16	HH17
-34%	-38%	-32%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Telefonica Fibra 100Mb	31.77	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Telefonica Fibra 100Mb	31.77	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Telefonica Fibra 100Mb	37.07	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Orange / Vodafone Fibra 100Mb / Lowi 12GB	37.97	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Grupo MASMOVIL / Vodafone Fibra 300 / Lowi 12GB	34.89	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Grupo MASMOVIL / Movistar Fibra 300 / Movil 20GB	37.06	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Grupo MASMOVIL / Movistar Fibra 300 / Movil 20GB	40.24	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Grupo MASMOVIL / Movistar Fibra 300 / Movil 20GB	50.83	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Grupo MASMOVIL / Movistar Fibra 1000 / Movil 20GB	47.09	69.68

Mobile Broadband

Price development

Prices for mobile broadband services in Spain fell by 6% compared to the previous year (2021). Prices for offers including 5 GB mobile data with no calls rose considerably (by 46%).

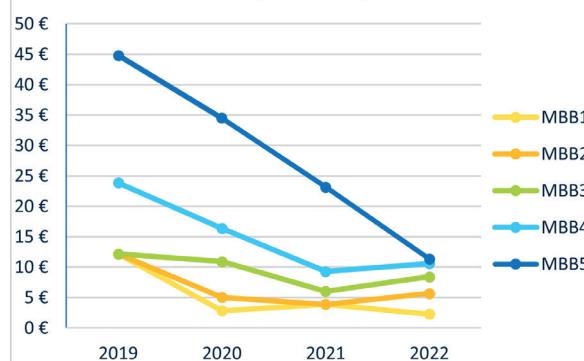
EU comparison

Compared to all EU27 countries, prices for mobile broadband in Spain are up to 61% lower than the EU average. No offers were found to be more expensive than the EU average.

Market competition

Vodafone provides least expensive offers across 7 out of 12 service bundles on the market in Spain. Movistar provides the remainder.

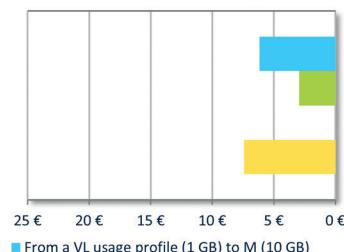
Mobile Broadband (data only) price comparison - Spain



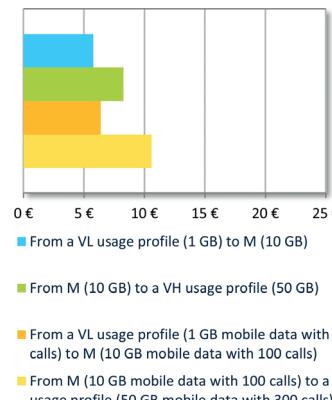
Individual handheld baskets price comparison - Spain



Data / voice premium - Spain



Data / voice premium EU27



Prices in Spain compared with EU average*

	MBB1	MBB2	MBB3
	-61%	-40%	-28%
	MBB4	MBB5	I1
	-34%	-43%	-2%
	I2	I3	I4
	-27%	-44%	-51%
	I5	I6	I7
	-38%	-46%	-36%

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Movistar Tarifa Habla 6 + Bono Navega	2.27	5.88
MBB2: 5 GB mobile data with no calls	Movistar Liena adicional Prepago 5	5.67	9.43
MBB3: 10 GB mobile data with no calls	Vodafone Lowi 12GB	8.42	11.64
MBB4: 20 GB mobile data with no calls	Movistar Movil 20GB	10.59	16.15
MBB5: 50 GB mobile data with no calls	Vodafone Vodafone Prepago S	11.35	19.89
I1: 1 GB mobile data with 30 calls	Vodafone Lowi 12GB	8.42	8.63
I2: 5 GB mobile data with 30 calls	Vodafone Lowi 12GB	8.42	11.52
I3: 10 GB mobile data with 100 calls	Vodafone Lowi 12GB	8.42	15.02
I4: 20 GB mobile data with 300 calls	Movistar Movil 20GB	10.59	21.41
I5: 50 GB mobile data with 300 calls	Vodafone Lowi 50GB	15.83	25.59
I6: 20 GB mobile data with 30 calls	Movistar Movil 20GB	10.59	19.64
I7: 50 GB mobile data with 100 calls	Vodafone Lowi 50GB	15.83	24.86



Sweden



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Country report 2022

ISPs in sample

Bahnhof | Bredband 2 | Telenor | Telia
Company | Tele2

MNOs in sample

Telenor | Telia Company | Tele2

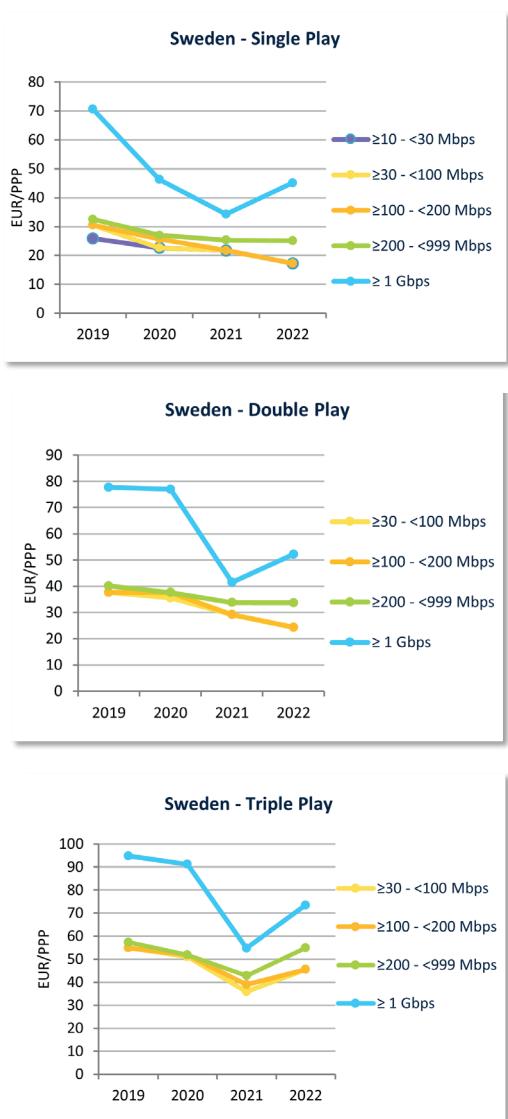
October 2022 data

2019, 2020, 2021 data was recalculated to sustain comparability with updated basket definitions. Figures may thus deviate from previously published data.

Fixed Broadband

Price development

Prices for fixed broadband services in Sweden show a mixed trend compared to the previous year (2021). Prices for offers including ≥ 1 Gbps fixed internet with fixed phone and TV rose considerably (by 26%). Double Play offers including less than 1 Gbps fixed internet are up to 20% less expensive.



Market competition

Bahnhof provides least expensive offers across all but one service bundles on the market in Sweden (12 of 13). Bredband 2 provides the remainder.

EU comparison

Prices for fixed broadband in Sweden show a mixed pattern compared to EU27 countries overall. While Triple Play offers in all speed brackets and all bundles with speeds higher than 200 Mbps are above the EU average, Single Play and Double Play offers with speeds below 200 Mbps are below.

Prices in Sweden compared with EU average*			
$\geq 30 - <100$ Mbps			
Single Play	Double Play	Triple Play	
-14%	-44%	+26%	
$\geq 100 - <200$ Mbps			
Single Play	Double Play	Triple Play	
-19%	-15%	+22%	
$\geq 200 - <999$ Mbps			
Single Play	Double Play	Triple Play	
+1%	+3%	+36%	
≥ 1 Gbps			
Single Play	Double Play	Triple Play	
+28%	+19%	+45%	

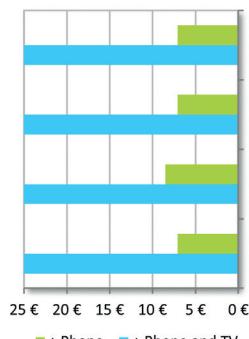
*deviation in percent from the EU average in the respective basket/bundle combination

Fixed Broadband

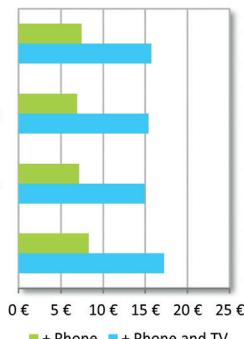
Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
≥10 - <30 Mbps fixed internet	Bahnhof Open Universe 100/10	17.22	19.62
≥30 - <100 Mbps fixed internet	Bahnhof Open Universe 100/10	17.22	19.96
≥100 - <200 Mbps fixed internet	Bahnhof Open Universe 100/10	17.22	21.32
≥200 - <999 Mbps fixed internet	Bredband 2 Active Surf	25.09	24.94
≥ 1 Gbps fixed internet	Bahnhof 1000/1000 Mbits	45.15	35.17
≥30 - <100 Mbps fixed internet with fixed phone	Bahnhof Open Universe 100/10	24.3	27.84
≥100 - <200 Mbps fixed internet with fixed phone	Bahnhof Open Universe 100/10	24.3	28.73
≥200 - <999 Mbps fixed internet with fixed phone	Bahnhof 250/250 Mbits	33.61	32.6
≥ 1 Gbps fixed internet with fixed phone	Bahnhof 1000/1000 Mbits	52.24	43.73
≥30 - <100 Mbps fixed internet with fixed phone and TV	Bahnhof Open Universe 100/10	45.54	36.12
≥100 - <200 Mbps fixed internet with fixed phone and TV	Bahnhof Open Universe 100/10	45.54	37.2
≥200 - <999 Mbps fixed internet with fixed phone and TV	Bahnhof 250/250 Mbits	54.85	40.37
≥ 1 Gbps fixed internet with fixed phone and TV	Bahnhof 1000/1000 Mbits	73.47	50.65

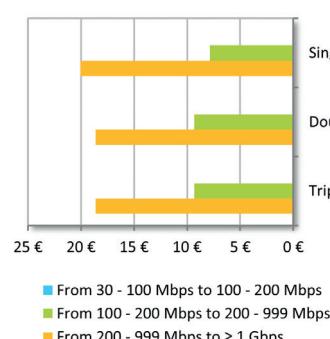
Bundle premium - Sweden



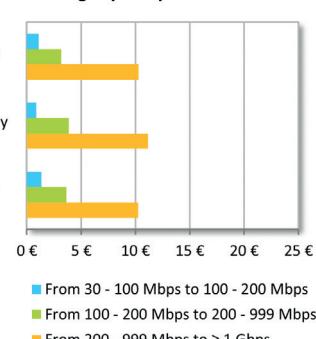
Bundle premium - EU27



High speed premium - Sweden



High speed premium EU27



Converged Offers

The fixed – mobile (converged) offers reported here combine the relevant mobile component (bundled or not) with the relevant fixed broadband bundle, which represent the lowest price in the market for that representative household. The offer reported is not necessarily from the same provider, but is the least expensive offer in the country.

Price development

Prices for household broadband services in Sweden show a mixed trend compared to the previous year (2021). Prices for offers including ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile rose by 25%. Baskets HH 9-11 are observed to be 12% cheaper.

EU comparison

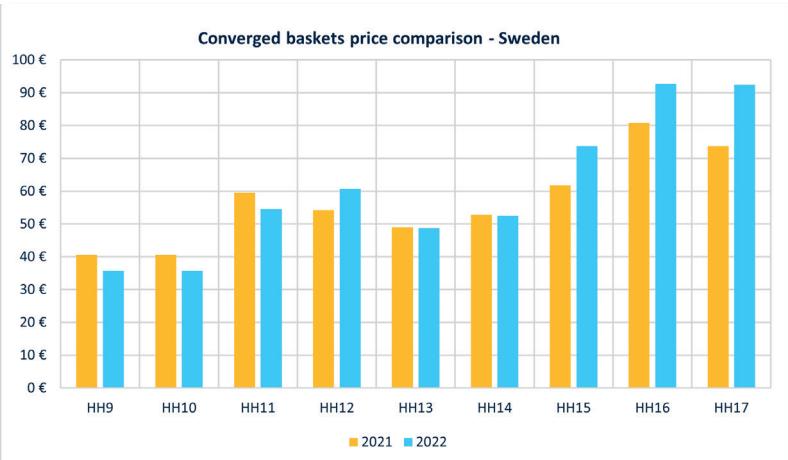
Prices for household broadband baskets in Sweden show a mixed pattern compared to EU27 countries overall. While prices for the smaller HH baskets are less expensive than the EU average (up to 11%), prices especially in the high-end HH baskets tend to be up a third above the EU average.

Bundle premium - mobile component - in € [PPP]			
		Sweden	EU
30 calls 5 GB mobile	+ Double Play 30-100 Mbps (HH9)	11.33	11.12
100 calls 10 GB mobile	+ Double Play 100-200 Mbps (HH10)	11.33	11.12
300 calls 20 GB mobile	+ Triple Play 100-200 Mbps (HH12)	15.13	14.34
	+ Double Play 200-999 Mbps (HH13)	15.13	14.10
	+ Double Play 200-999 Mbps (HH14)	18.93	20.01
	+ Triple Play 200-999 Mbps (HH15)	18.93	20.21
	+ Triple Play >1 Gbps Mbps (HH17)	18.93	19.03

Prices in Sweden compared with EU average*

HH9	HH10	HH11
-9%	-11%	-6%
HH12	HH13	HH14
+18%	+4%	-0%
HH15	HH16	HH17
+22%	+13%	+33%

*deviation in percent from the EU average in the respective basket/bundle combination



Converged Offers

Least Expensive Offers

Usage basket	Provider and offer	EUR/ PPP	EU27 average
HH9: $\geq 30 - < 100$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bahnhof / Telenor Open Universe 100/10 / Fastpris 5GB	35.63	38.96
HH10: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 1-SIM, 30 calls 5 GB mobile	Bahnhof / Telenor Open Universe 100/10 / Fastpris 5GB	35.63	39.85
HH11: $\geq 100 - < 200$ Mbps fixed internet with fixed phone with 2-SIM, 100 calls 10 GB mobile	Bahnhof / Telenor Open Universe 100/10 / Fastpris 10GB	54.56	57.95
HH12: $\geq 100 - < 200$ Mbps fixed internet with fixed phone and TV with 1-SIM, 100 calls 10 GB mobile	Bahnhof / Telenor Open Universe 100/10 / Fastpris 10GB	60.67	51.54
HH13: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 100 calls 10 GB mobile	Bahnhof / Telenor 250/250 Mbits / Fastpris 10GB	48.74	46.69
HH14: $\geq 200 - < 999$ Mbps fixed internet with fixed phone with 1-SIM, 300 calls 20 GB mobile	Bahnhof / Telenor 250/250 Mbits / Fastpris 20GB	52.54	52.61
HH15: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Bahnhof / Telenor 250/250 Mbits / Fastpris 20GB	73.78	60.58
HH16: $\geq 200 - < 999$ Mbps fixed internet with fixed phone and TV with 2-SIM, 300 calls 20 GB mobile	Bahnhof / Telenor 250/250 Mbits / Fastpris 20GB	92.71	82
HH17: ≥ 1 Gbps fixed internet with fixed phone and TV with 1-SIM, 300 calls 20 GB mobile	Bahnhof / Telenor 1000/1000 Mbits / Fastpris 20GB	92.4	69.68

Mobile Broadband

Price development

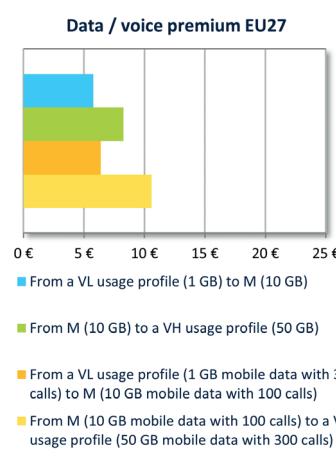
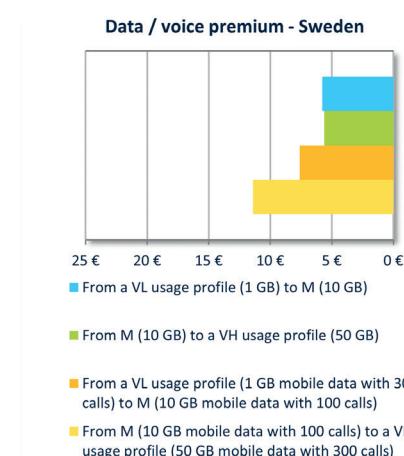
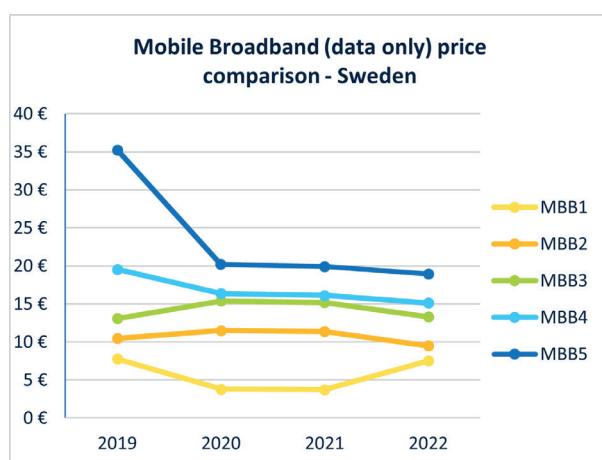
Prices for mobile broadband services in Sweden show a mixed trend compared to the previous year (2021). Prices for offers including 1 GB mobile data with no calls rose by 101%, while prices for offers with a higher allowance fell by up to 16%. On average, prices for offers including voice remain mostly unchanged.

EU comparison

Prices for mobile broadband in Sweden show a similar pattern compared to EU27 countries overall. Prices are more or less in line with the EU average, with the exception of MBB1, which is significantly more expensive (28%).

Market competition

Telenor provides least expensive offers across most service bundles on the market in Sweden (10 of 12). Telia Company provides the remainder.



Prices in Sweden compared with EU average*			
MBB1	MBB2	MBB3	
+28%	+1%	+14%	
MBB4	MBB5	I1	
-6%	-5%	-13%	
I2	I3	I4	
-2%	+1%	-12%	
I5	I6	I7	
+4%	-4%	+7%	

*deviation in percent from the EU average in the respective basket/bundle combination

Mobile Broadband

Least Expensive Offers

Usage basket	Provider and offer	EUR/PPP	EU27 average
MBB1: 1 GB mobile data with no calls	Telenor Fastpris 2GB	7.53	5.88
MBB2: 5 GB mobile data with no calls	Telenor Surf 5 GB	9.5	9.43
MBB3: 10 GB mobile data with no calls	Telenor Surf 10 GB	13.3	11.64
MBB4: 20 GB mobile data with no calls	Telia Company Mobilt Bredband 30GB	15.13	16.15
MBB5: 50 GB mobile data with no calls	Telia Company Mobilt Bredband 50GB	18.93	19.89
I1: 1 GB mobile data with 30 calls	Telenor Fastpris 2GB	7.53	8.63
I2: 5 GB mobile data with 30 calls	Telenor Fastpris 5GB	11.33	11.52
I3: 10 GB mobile data with 100 calls	Telenor Fastpris 10GB	15.13	15.02
I4: 20 GB mobile data with 300 calls	Telenor Fastpris 20GB	18.93	21.41
I5: 50 GB mobile data with 300 calls	Telenor Fastpris 100GB	26.53	25.59
I6: 20 GB mobile data with 30 calls	Telenor Fastpris 20GB	18.93	19.64
I7: 50 GB mobile data with 100 calls	Telenor Fastpris 100GB	26.53	24.86