



# Communications Regulatory Agency of Bosnia and Herzegovina

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## **Case Study Bosnia and Herzegovina** **Impact of Regional Roaming Agreement (RRA)**

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**Infofest**

*Budva, 26-27 September 2016*





# Case Study Bosnia and Herzegovina

## Impact of Regional Roaming Agreement (RRA)

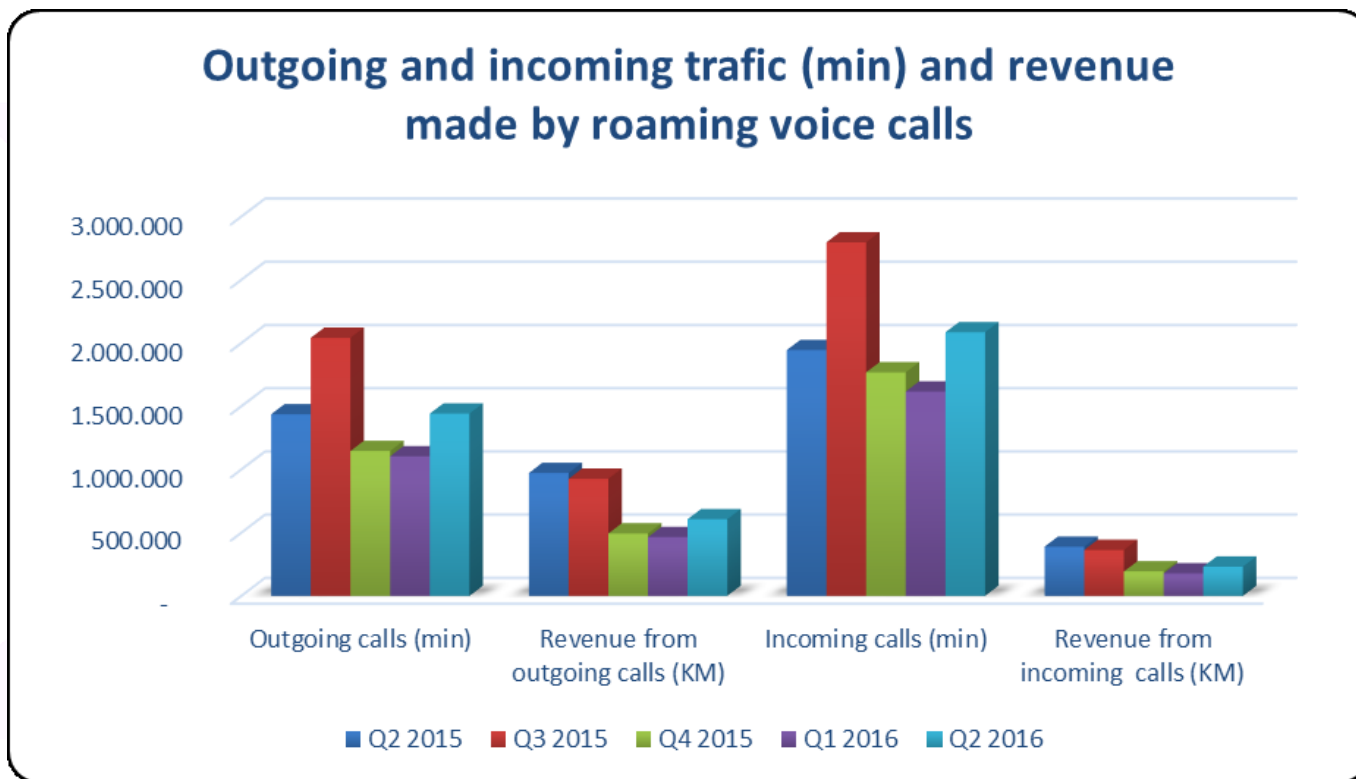
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- September 2014 - Agreement on the discounted prices of roaming services in public mobile communication networks between Bosnia and Herzegovina, Montenegro, Republic of Macedonia and the Republic of Serbia
- June 2015 - Decision on fixing maximum prices for roaming services in public mobile communication networks (Official Gazette of BiH No 52/2015)





## Traffic and income made by B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia

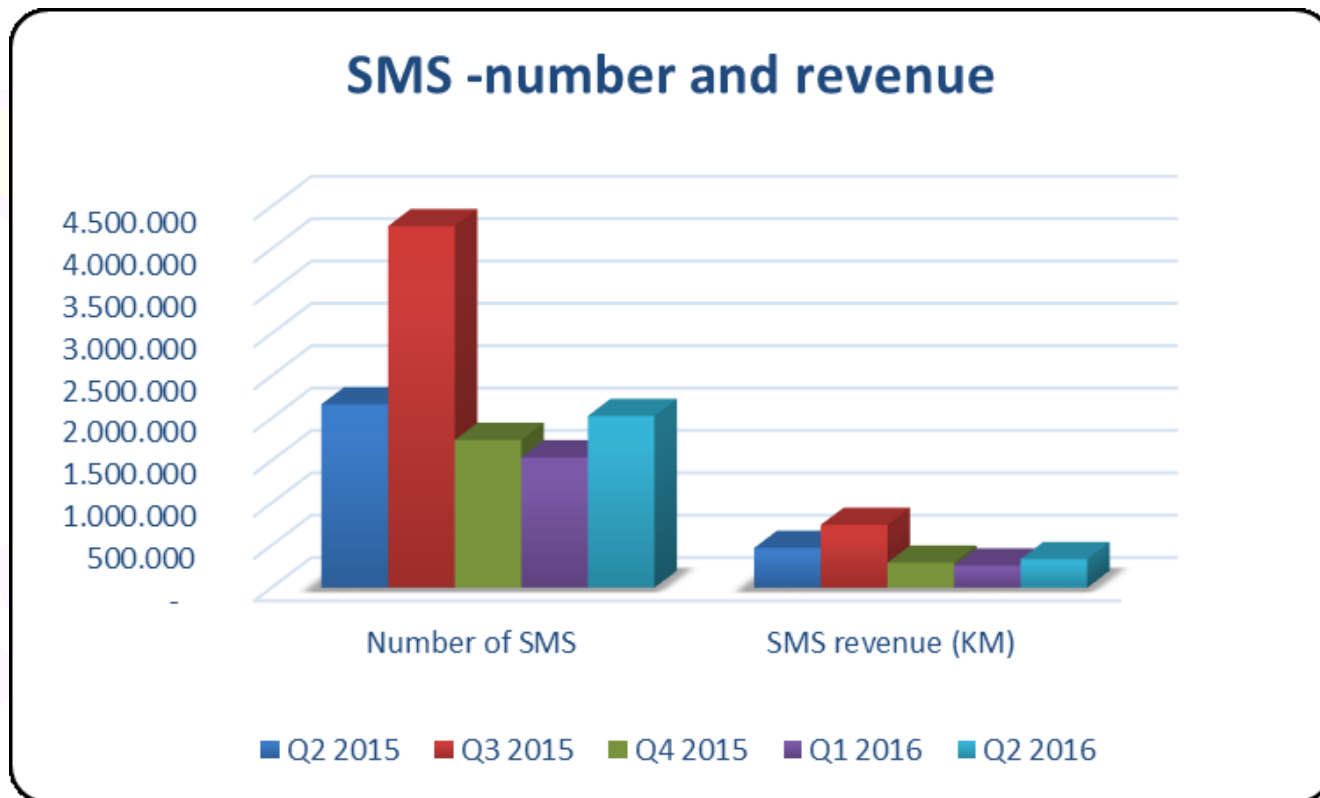


- In Q2 2016, the number of outgoing calls increased by 0,37 per cent over Q2 2015, at the same time revenue from outgoing calls decreased by 38 per cent.
- In Q2 2016, the number of incoming calls increased by 7 per cent over Q2 2015, at the same time revenue from incoming calls decreased by 41 per cent.





## Traffic and income made by B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia

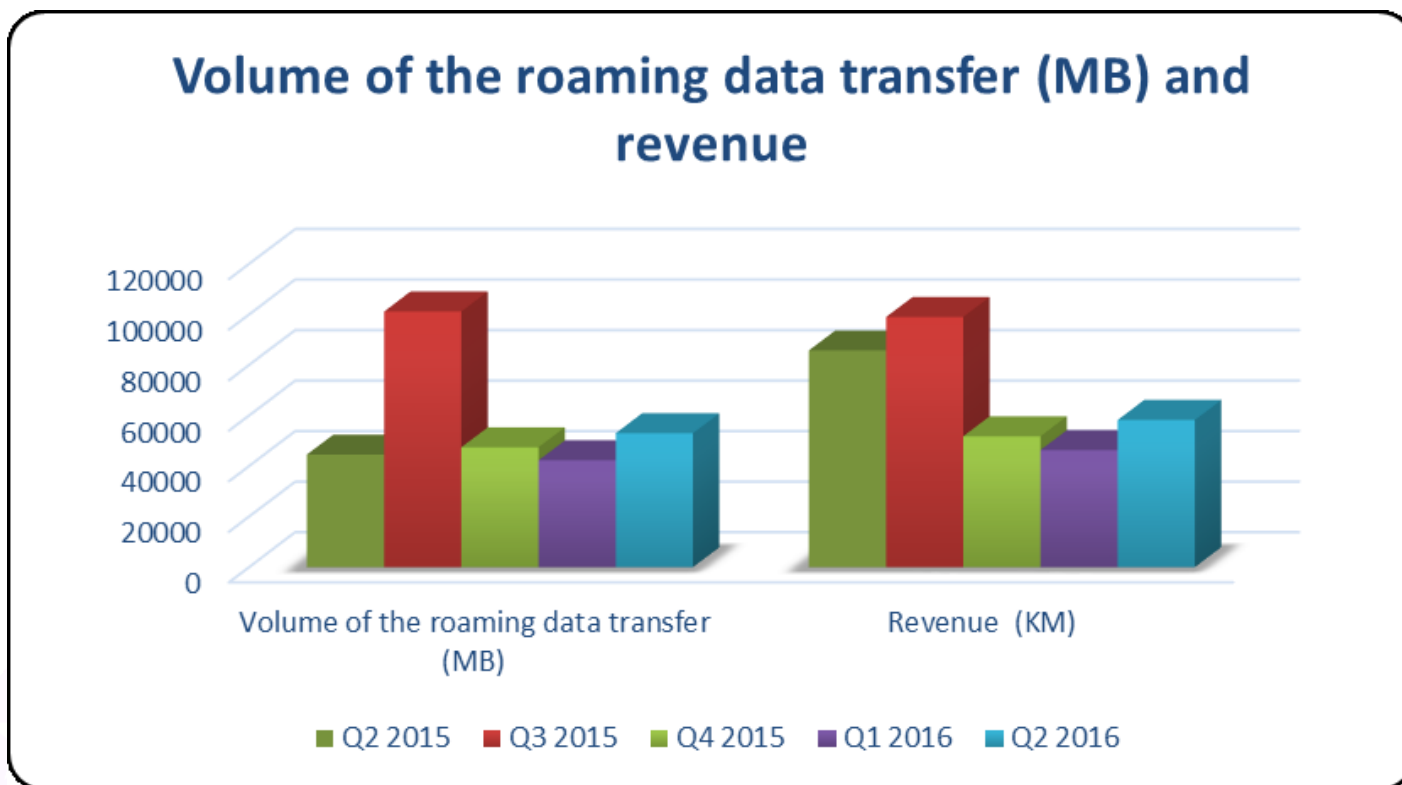


- In Q2 2016, the number of SMS decreased by 6 per cent over Q2 2015, at the same time revenue from SMS decreased by 28 per cent.





## Traffic and income made by B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia

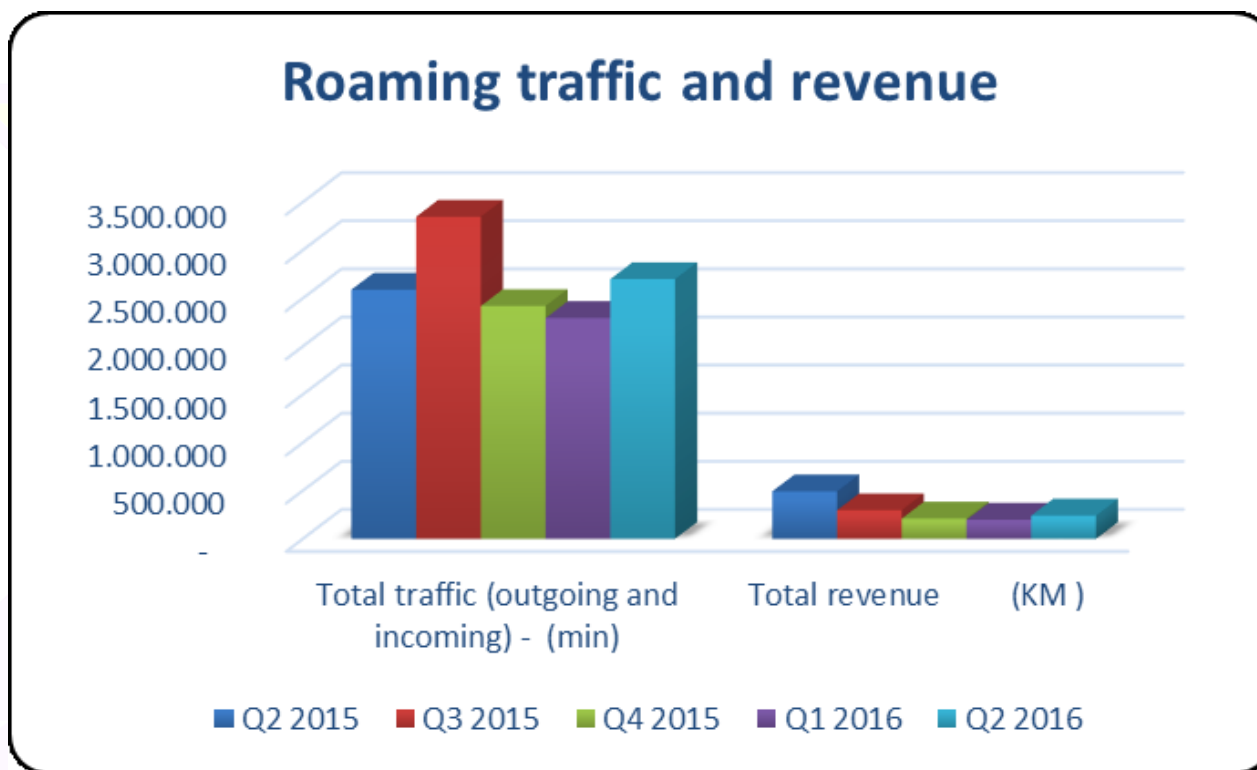


- In Q2 2016, volume of the roaming data transfer increased by 19 per cent over Q2 2015, at the same time revenue from roaming data transfer decreased by 32 per cent.





## Wholesale -Traffic realized by subscribers from Serbia, Montenegro and Macedonia while roaming in B&H mobile networks

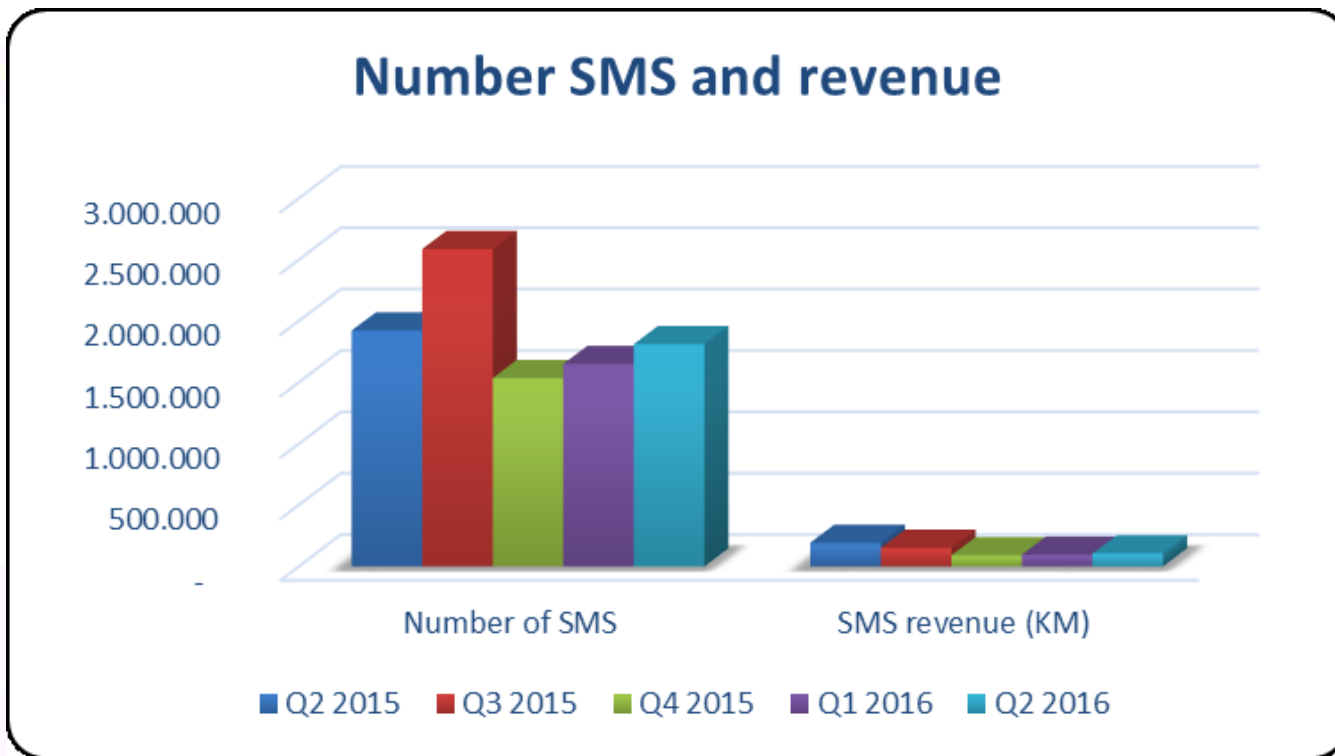


- In Q2 2016, the total traffic (outgoing and incoming calls) increased by 4 per cent over Q2 2015, at the same time revenue from traffic decreased by 51 per cent.





## Wholesale - Traffic realized by subscribers from Serbia, Montenegro and Macedonia while roaming in B&H mobile networks

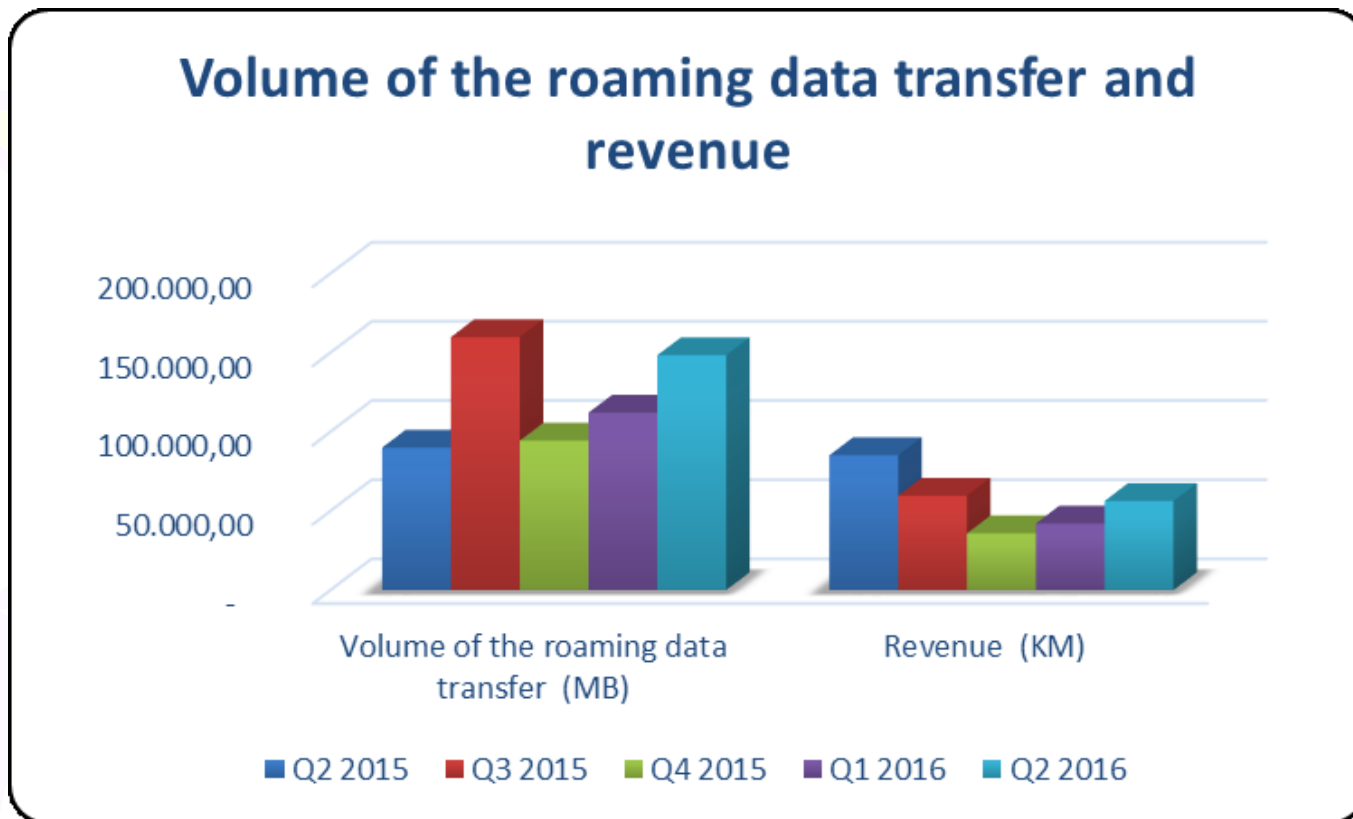


- In Q2 2016, the number of SMS decreased by 6 per cent over Q2 2015, at the same time revenue from SMS decreased by 45 per cent.





## Wholesale-Traffic realized by subscribers from Serbia, Montenegro and Macedonia while roaming in B&H mobile networks



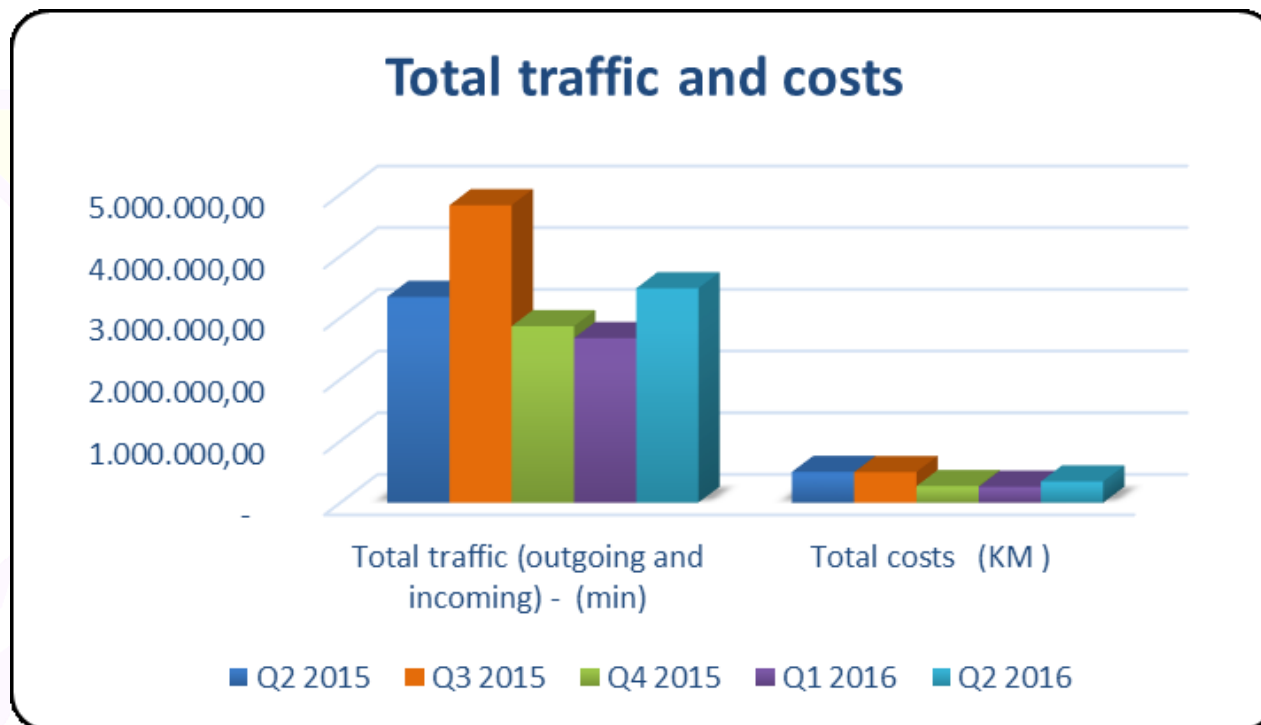
- In Q2 2016, volume of the roaming data transfer increased by 65 per cent over Q2 2015, at the same time revenue from roaming data transfer decreased by 34 per cent.







# Wholesale-Data and costs arisen by performing traffic of B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia

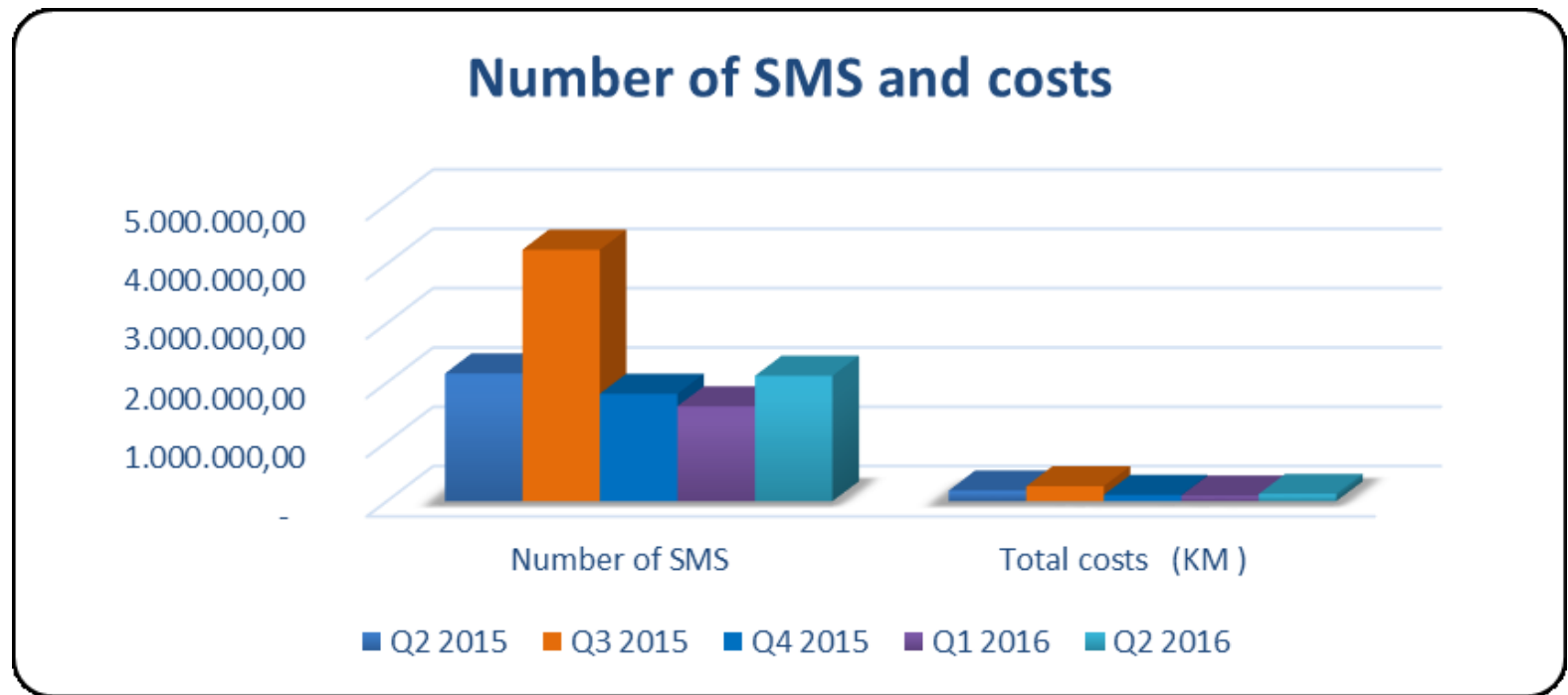


- In Q2 2016, volume of the total traffic (outgoing and incoming) increased by 4 per cent over Q2 2015, at the same time costs from the total traffic decreased by 31 per cent.





# Wholesale-Data and costs arisen by performing traffic of B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia



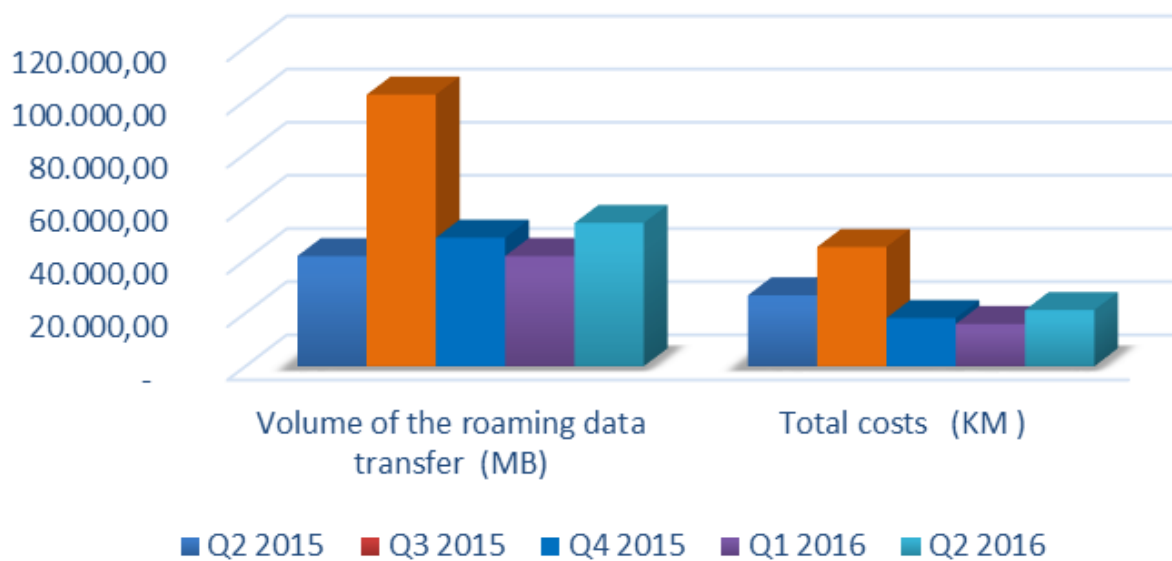
- In Q2 2016, the number of SMS decreased by 2 per cent over Q2 2015, at the same time cost from SMS decreased by 32 per cent.





# Wholesale-Data and costs arisen by performing traffic of B&H subscribers while roaming in mobile networks of Serbia, Montenegro and Macedonia

## Volume of the roaming data transfer and costs



- In Q2 2016, volume of the roaming data transfer increased by 30 per cent over Q2 2015, at the same time cost from roaming data transfer decreased by 21 per cent.





# Case Study Bosnia and Herzegovina

## Impact of Regional Roaming Agreement (RRA)

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- Second phase implemented from 1 July 2016
- Agency shall monitor further implementation of RRA
- Cooperation among countries on the WB and RCC will improve harmonisation of roaming issues with EU model





**Infofest**  
**Budva, 26-27 September 2016**

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**Thank you for attention!**

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