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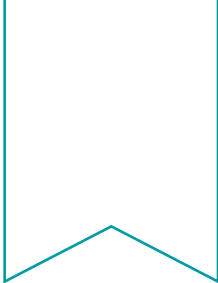


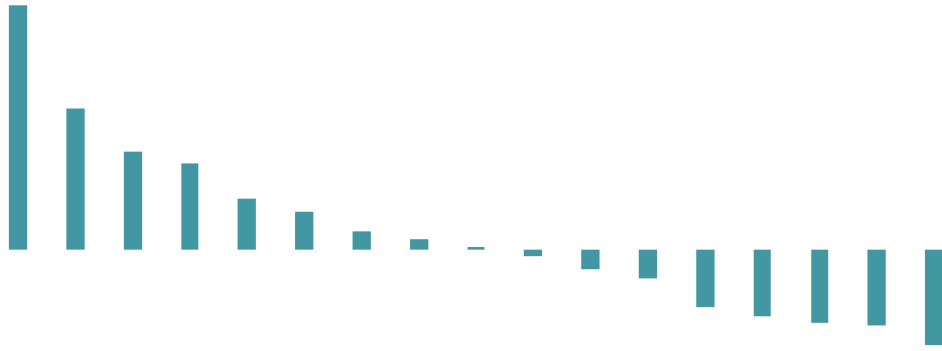




## About the authors

The

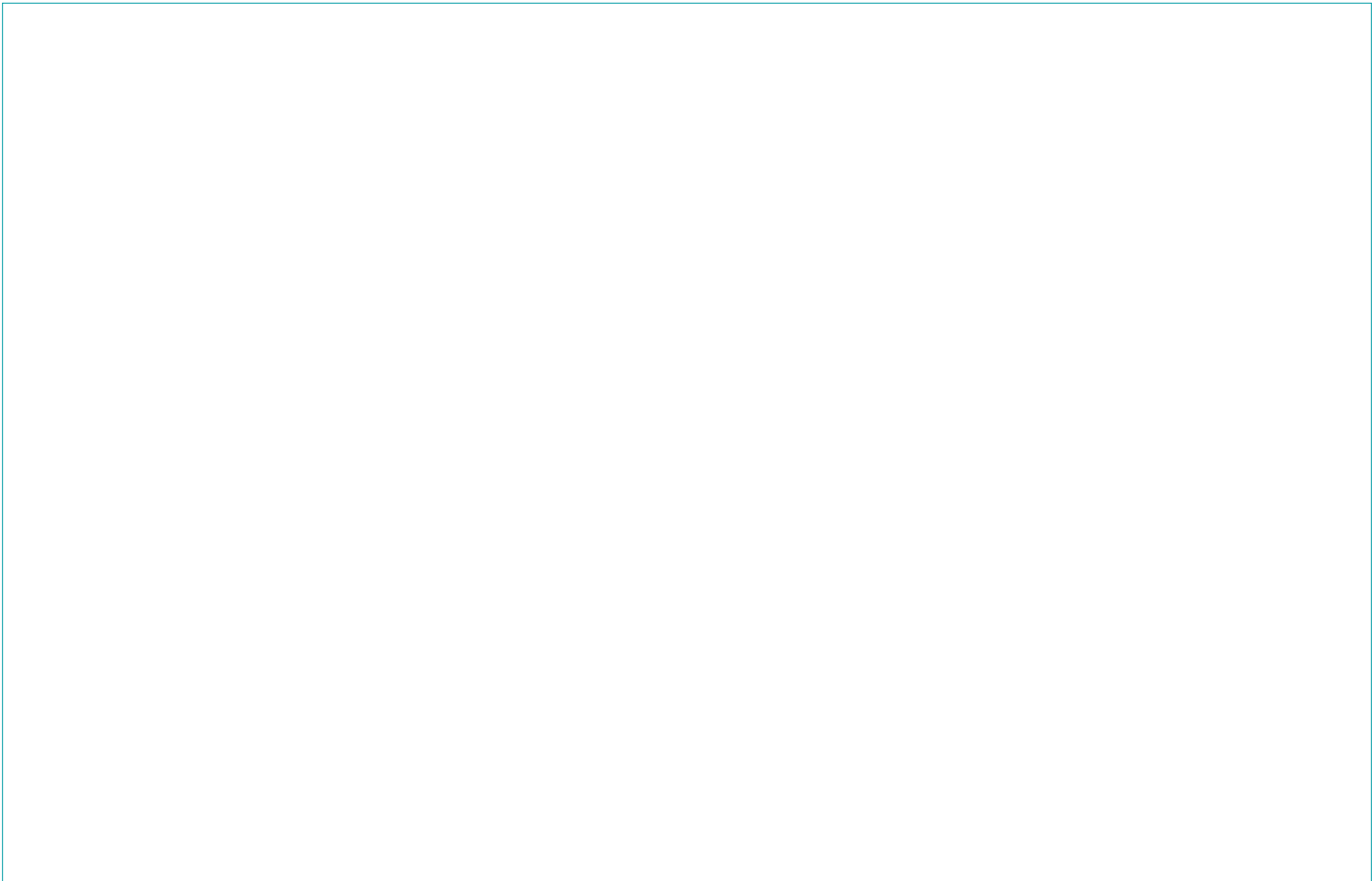




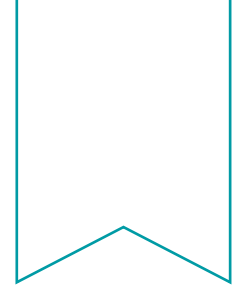
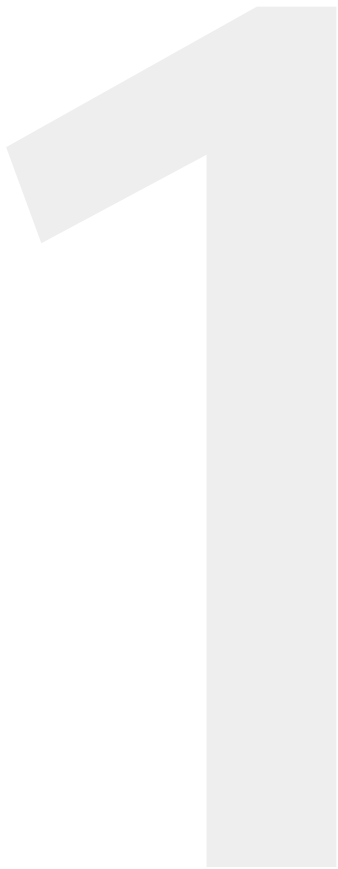
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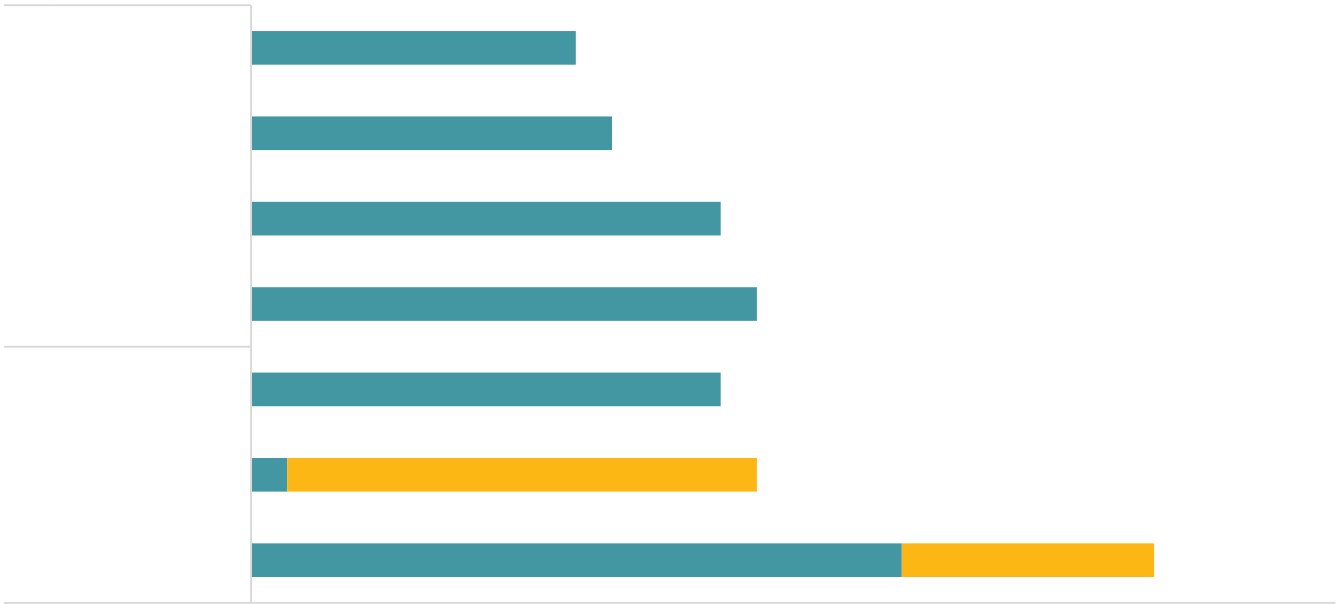






## Effects on trade and income of





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k\YUh' zfc a' F i gg]U' UbX' I\_fU]bY' ÇCE} }^çÁ FÉÁ Øä\* ~!^Á ìæÈ@DE'





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FIGURE 1.3:







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**FIGURE 1.6: Change in GVC participation rate for ECA (selected sectors)**





7ci bhf]Yg]b'A9B5'UbX'975'fY[[]cbg'Wci'X'VYbYÙh'Zfc a'  
terms-of-trade gains and see their incomes expand.

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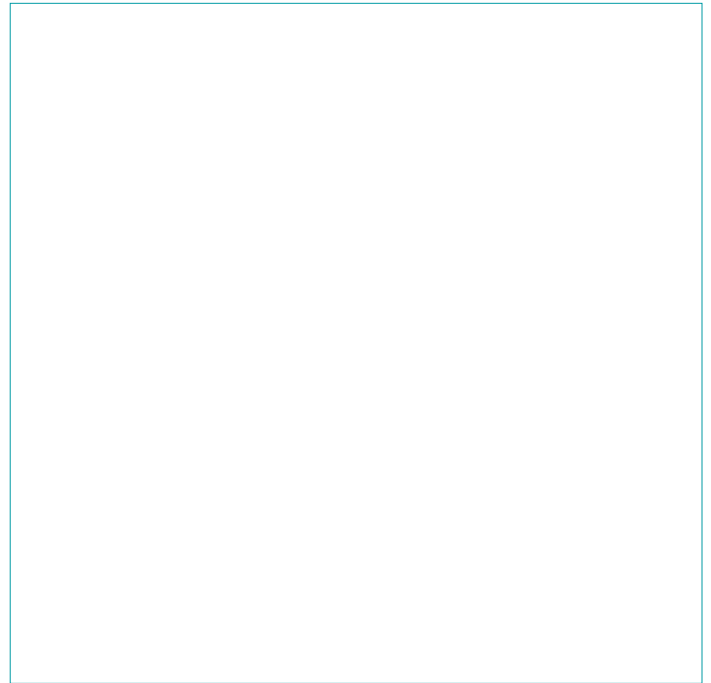




# Annex 1. Shares of imports of selected commodities from the Black Sea region in consumption

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FIGURE 8a: Wheat imports from Russia and Ukraine as a share of consumption, 2017



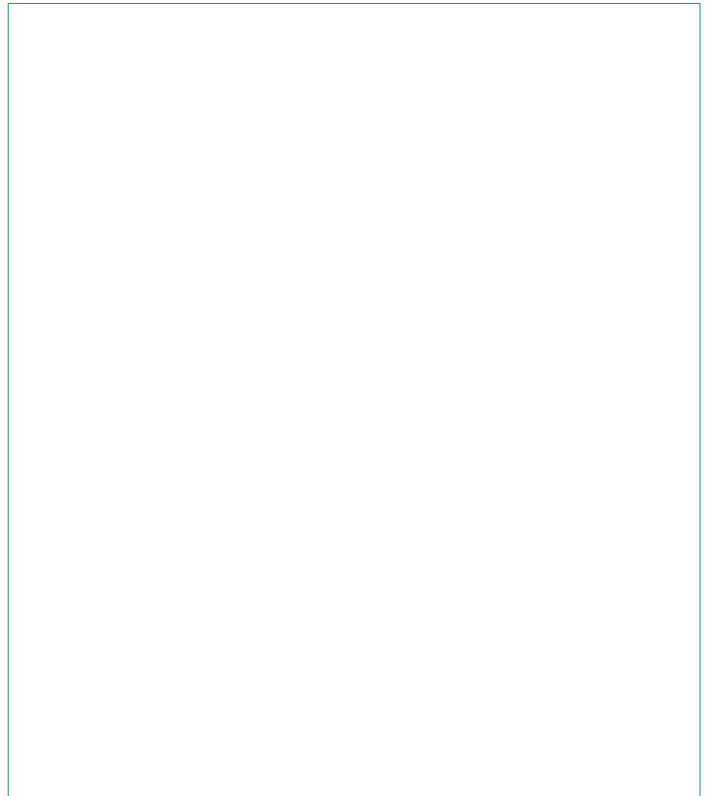
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**FIGURE 8e: Crude petroleum imports from Russia and Ukraine as a share of consumption, 2017**



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**FIGURE 8f:**

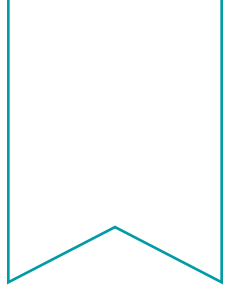








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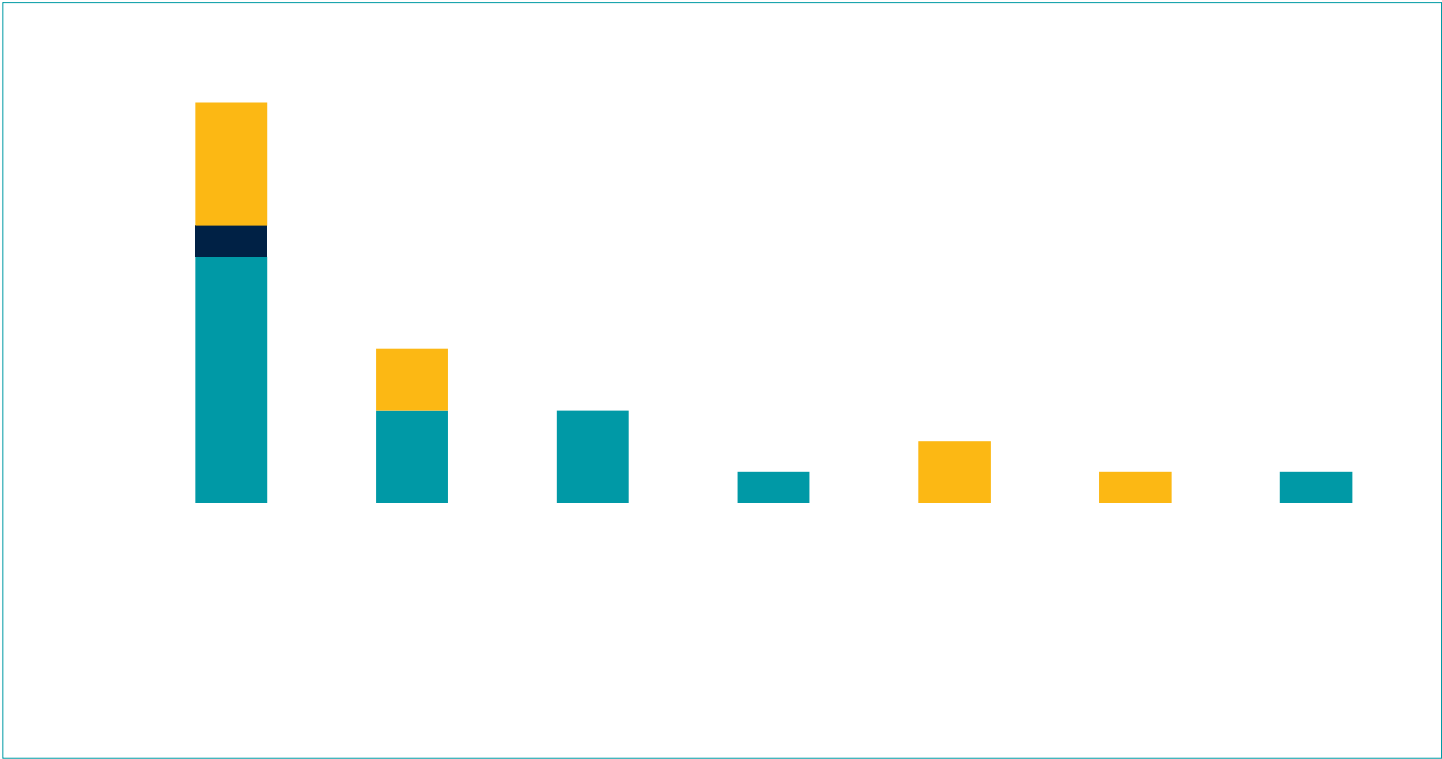


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**TABLE 2.1: Most important export products of Ukraine (2018-2020)**





















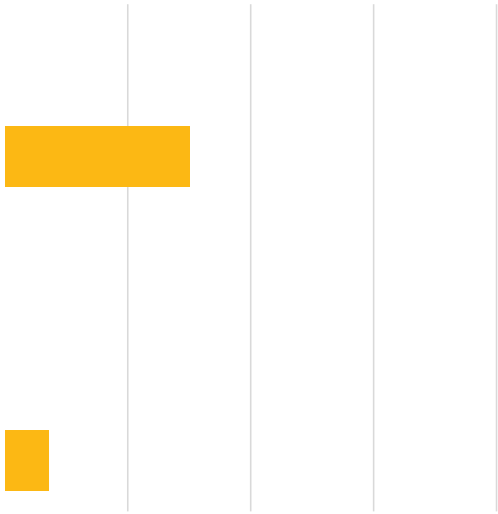
Jurisdiction	Export Ban	Products	Announcement Date
Australia	YÖÜ	Ö [ [ ä • ÁÇ- [ [ äDÁ-! [ { ACE ~ •c!æ äæÁc [ Áæ  ÁÜ ~ ••äæ } Á { ä äcæ! ^ Á ^ } äË users	HðHðG€GG
W\!æä}^	YÖÜ	All food products to Russia	HðGðG€GG
Japan	YÖÜ	Single blanket export ban on goods to Russia	HðFðG€GG
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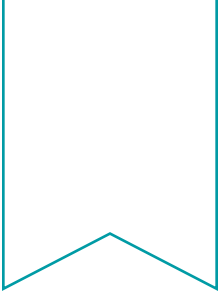




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TABLE 3.2: Trade between the EU and China in 2021, by Mode (Billion Euro)

Long-distance trucking logistics between the EU and



# Effects on Ukraine's key (non-food) exports and specific GVC<sup>1</sup>

Ukraine's integration in global value chains is concentrated in a limited number of sectors

Ukraine's exports of non-food products have slightly declined between 2009-2018

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FIGURE 4.1: GVC Participation Index : Ukraine and ECA, 2018 (percent of gross exports)



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# Key (non-food) exports that could affect GVCs

Key (non-food) exports that could affect GVCs could cause disruption for the products that are Ukraine's

# Inputs into other metal industries: aluminum and titanium

Titanium ore [g' Ub' ]bd i h' ]b' h\Y' UYfcgdUWYz' U j]Uh]cbz'







# Annex



















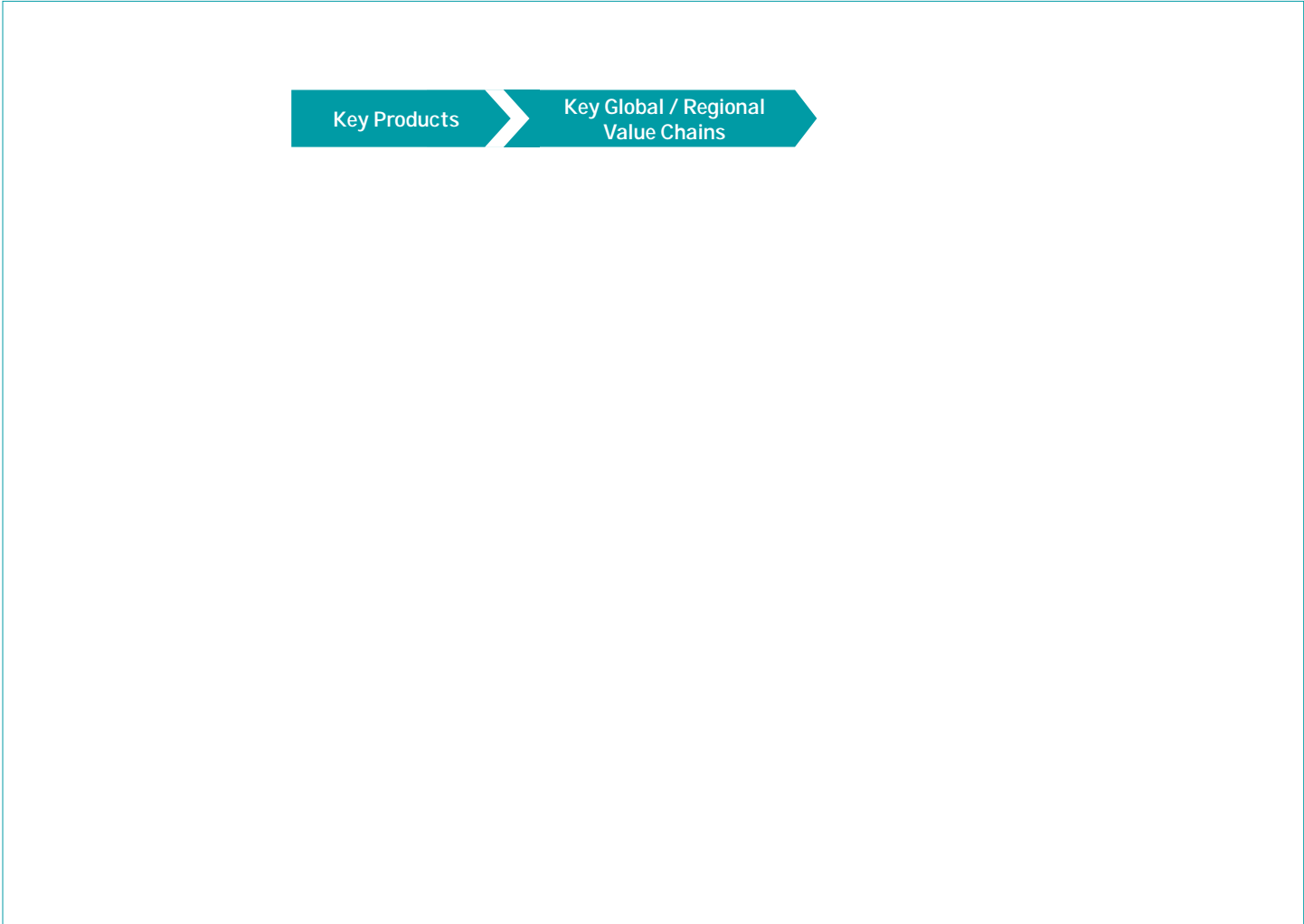


H\Y'X]gf i dh]cb'cZ'F i gg]Ubg'YIdcfhg'k]'`ZYX']bhc' ; J7g' j]U'  
 aU^cf ['`cVU`dfcXiWh]cb'\ i Vg'Zcf'hfUXY'UbX'k]'`YgdYW]U`m'  
**affect regional economies that are highly dependent**  
**on these exports.** Á Y @á|Á çä'c'æ||~Á æ||Á ÖXÖ•Á æ!^Á æ~^&c^áá à^Á  
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**FIGURE 5.2: Russia as a seller, key sectors and products, and implications for supply chain partners**









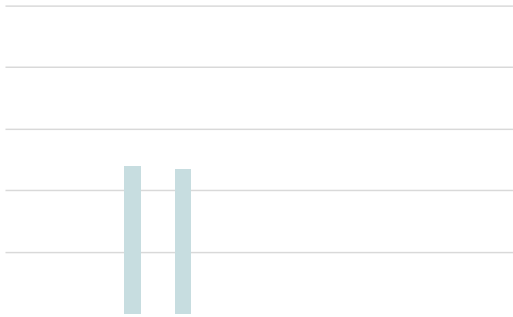


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UbX'HU^]\_ghUbž'Ug' kY''Ug'h\Y' : UfcY' =g`UbXg'UbX'DUfU[ i Um''











Belarus

Armenia

Georgia

Kazakhstan

Kyrgyzstan

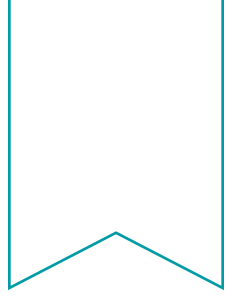
Paraguay

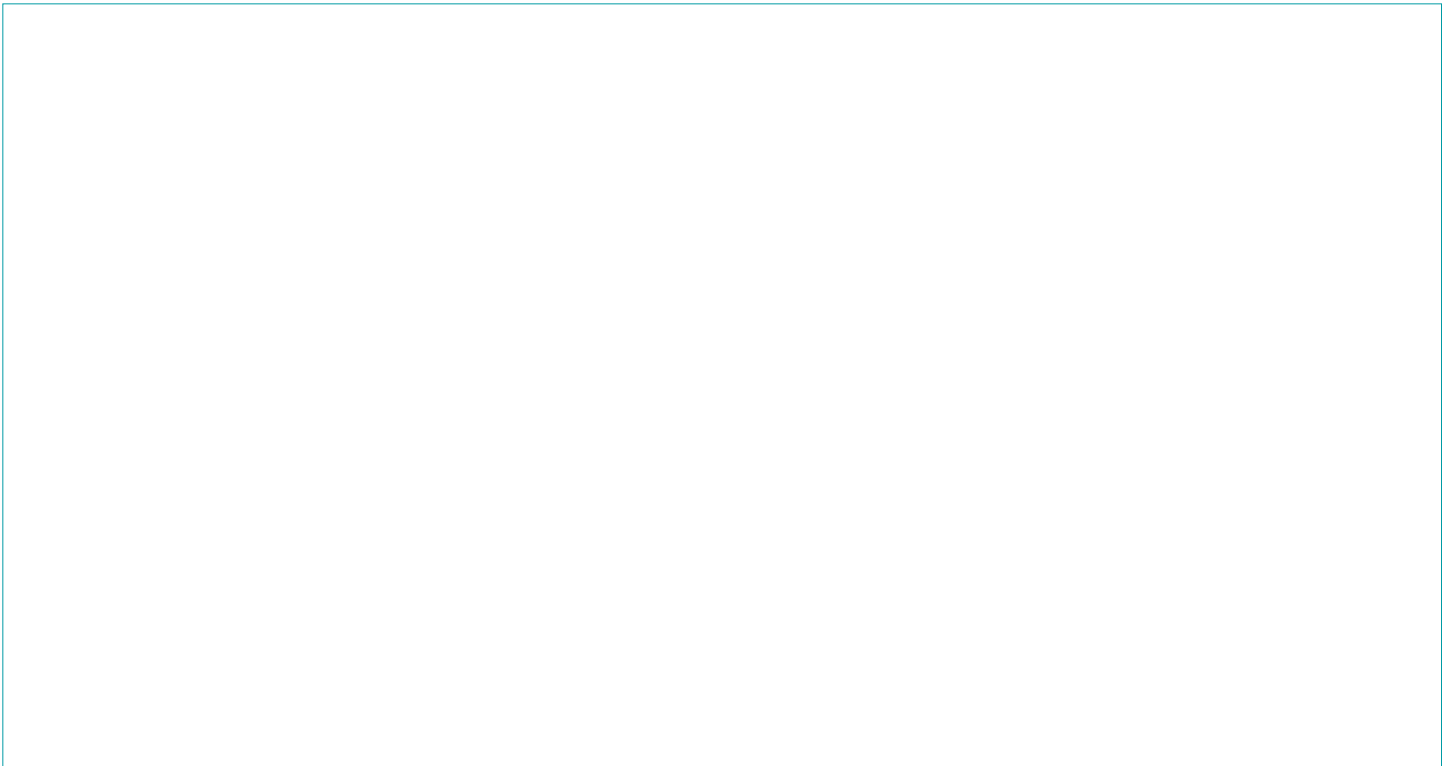
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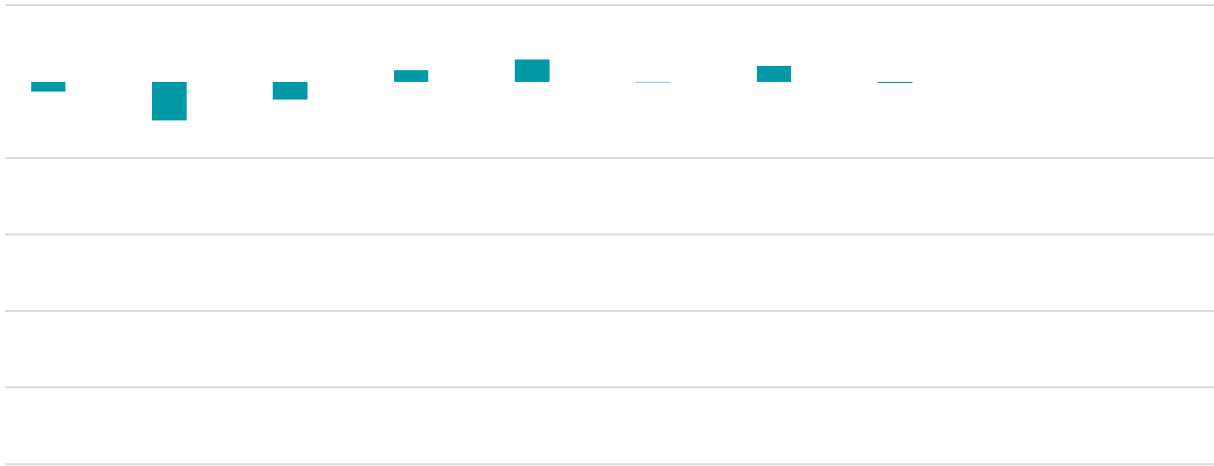




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FIGURE 7.2:





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