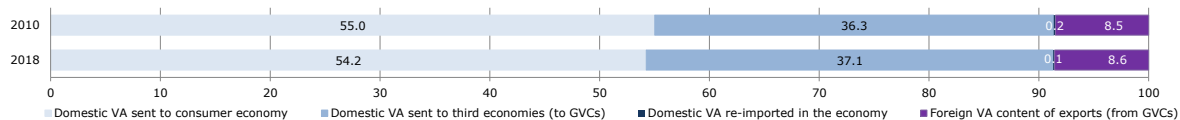


### VALUE ADDED CONTENT OF GROSS EXPORTS

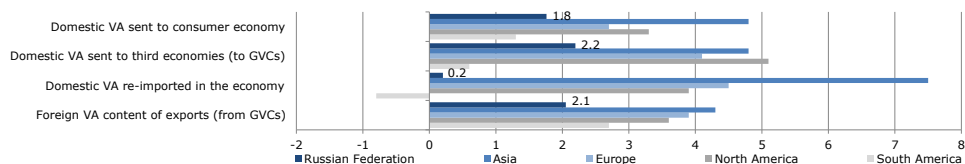
#### The value added (VA) components of gross exports, 2010 and 2018

(% share in total gross exports)



#### Evolution of the VA components of gross exports, 2010 -2018

(annual % change)



#### Top export industries - Domestic and foreign VA content of exports, 2018

	(% share in industry total gross exports)			(% share in economy total gross exports)	
	Domestic VA	Foreign VA	Total	Domestic VA	Foreign VA
1. Mining (energy products)	96.2	3.8	100.0	27.5	1.1
2. Petroleum products	94.2	5.8	100.0	15.8	1.0
3. Wholesale and retail trade	93.4	6.6	100.0	12.6	0.9

#### Top export destinations - Domestic and foreign VA content of exports, 2018

	(% share in total gross exports to partner)			(% share in economy total gross exports)	
	Domestic VA	Foreign VA	Total	Domestic VA	Foreign VA
1. China	93.1	6.9	100.0	13.7	1.0
2. Germany	92.5	7.5	100.0	7.2	0.6
3. United States	90.4	9.6	100.0	4.8	0.5

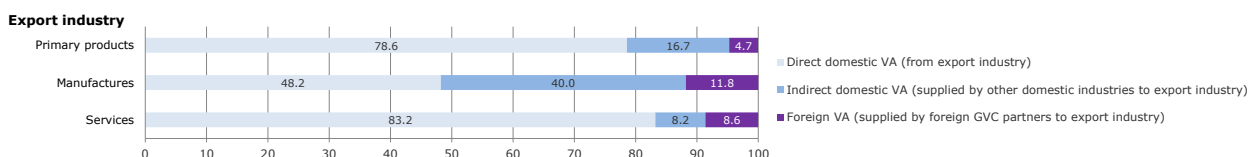
#### Domestic and foreign sectoral VA contribution to gross exports, 2018

(% share in industry total gross exports)

Export industry	Value added origin						Total
	Domestic			Foreign			
	Primary products	Manufactures	Services	Primary products	Manufactures	Services	
<b>Total</b>	<b>33.2</b>	<b>21.5</b>	<b>36.8</b>	<b>0.9</b>	<b>3.0</b>	<b>4.7</b>	<b>100.0</b>
Primary products	78.6	3.2	13.5	0.6	1.5	2.6	100.0
Manufactures	13.9	48.2	26.0	1.4	4.6	5.9	100.0
Services	3.1	5.1	83.2	0.5	2.5	5.6	100.0

#### Direct, indirect and foreign VA contents in gross exports, 2018

(% share in industry total gross exports)



### PARTICIPATION IN GLOBAL VALUE CHAINS (GVCs)

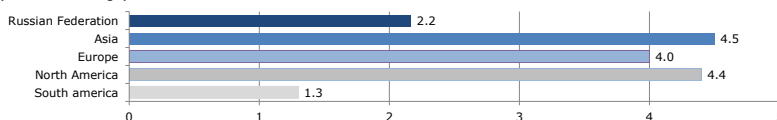
#### GVC participation index, 2018

(% share in total gross exports)

	Regional averages				
	Russian Federation	Asia	Europe	North America	South America
<b>Total GVC participation</b>	<b>45.6</b>	<b>44.4</b>	<b>48.8</b>	<b>37.8</b>	<b>36.5</b>
Forward participation	37.1	20.0	21.2	22.0	23.5
Backward participation	8.6	24.4	27.6	15.8	13.0

#### Evolution of total GVC participation, 2010-2018

(annual % change)



#### Forward GVC participation, 2018

##### Top export industries to GVCs

(% share in total exports of domestic inputs sent to third economies)

1. Mining (energy products)	35.9
2. Wholesale and retail trade	13.4
3. Petroleum products	9.5

##### Top exporters of Russian Federation inputs through GVCs

(% share in total exports of domestic inputs sent to third economies)

1. Germany	9.9
2. China	9.5
3. Poland	4.8

#### Backward GVC participation, 2018

##### Top GVC-importing industries

(% share in total foreign content of exports)

1. Mining (energy products)	12.8
2. Petroleum products	11.3
3. Basic metals	11.0

##### Top foreign inputs providers

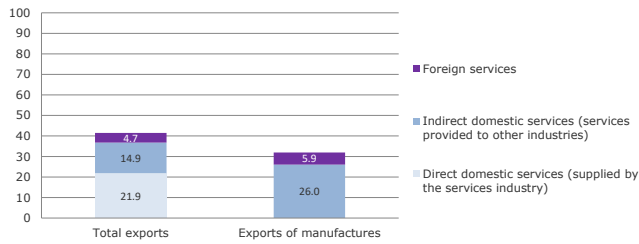
(% share in total foreign content of exports)

1. China	13.6
2. Germany	9.6
3. United States	9.2

## ROLE OF SERVICES VALUE ADDED IN EXPORTS

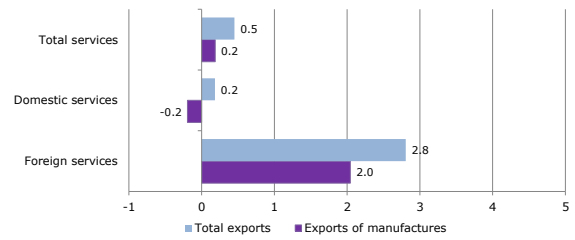
### The services VA content of exports, by origin, 2018

(% shares in total and manufactures exports)



### Evolution of the services VA content of exports, 2010-2018

(annual % change)



### Services VA contribution to total exports, 2018

#### Top services industries contributing to total exports

(% share in total gross exports)

1. Wholesale and retail trade	13.8
2. Land transport	5.5
3. Scientific/technical activities	3.1

#### Top foreign services providers to total exports

(% share in total gross exports)

1. United States	0.5
2. China	0.5
3. Germany	0.4

### Services VA contribution to exports of manufactures, 2018

#### Top services industries contributing to exports of manufactures

(% share in gross exports of manufactures)

1. Wholesale and retail trade	9.1
2. Land transport	4.7
3. Electricity/gas supply	3.3

#### Top foreign services providers to exports of manufactures

(% share in gross exports of manufactures)

1. China	0.7
2. United States	0.6
3. Germany	0.6

## TRADE IN INTERMEDIATE PRODUCTS (EXCLUDING FUELS)

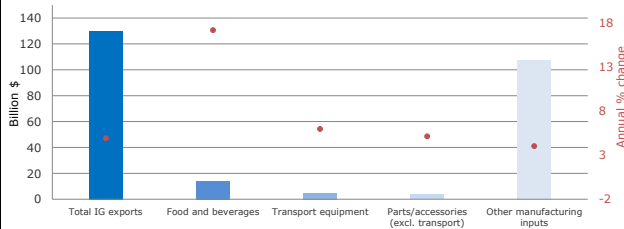
### Trade in intermediate goods and commercial services

(Billion \$, %, annual % change)

	2020	2020 share in total	2010-2020 growth
<b>Exports of intermediate</b>			
Goods	130	65.8	4.9
Commercial services	17	37.4	1.6
<b>Imports of intermediate</b>			
Goods	100	43.5	2.1
Commercial services	22	34.8	1.2

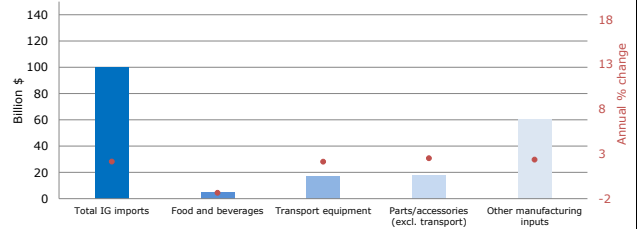
### Exports of intermediate goods (IG), by main category

(2020 billion \$, 2010-2020 annual % change)



### Imports of intermediate goods (IG), by main category

(2020 billion \$, 2010-2020 annual % change)



### Top destinations of exports of intermediate goods

(Billion \$ and %)

	2020	2020 share in total
1. United Kingdom	20	15.3
2. China	15	11.8
3. Turkey	8	6.3

### Top origins of imports of intermediate goods

(Billion \$ and %)

	2020	2020 share in total
1. China	20	20.2
2. Germany	11	11.2
3. Belarus	5	4.9

### Domestic and foreign VA content in exports of intermediate products, 2018

(% share in industry exports of intermediates)

