

Intelligente Geräte sind in letzter Zeit zu einem Trend geworden. Demnach gibt es viele Menschen, die sich das Leben erleichtern wollen. Und dafür kaufen sie smarte Technologien und Gadgets.

1. Die besten IT-Gadgets [Elektronische Ressource]. – Das Regime des Zugriffs: <https://www.computerwoche.de/a/die-besten-it-gadgets,2365133>. – Das Datum des Zugriffs: 15.03.2022.

2. Smartwatch: Die wichtigsten Vor- und Nachteile des beliebten Gadgets [Elektronische Ressource]. – Das Regime des Zugriffs: <https://www.it-daily.net/shortnews/30909-smartwatch-die-wichtigsten-vor-und-nachteile-des-beliebten-gadgets>. – Das Datum des Zugriffs: 16.03.2022.

3. Vor- und Nachteile von Tablets [Elektronische Ressource]. – Das Regime des Zugriffs : <https://www.markt.de/ratgeber/technik/tablets-vor-und-nachteile/>. – Das Datum des Zugriffs: 20.03.2022.

APPLICATION OF THE INDEX METHOD IN THE ANALYSIS OF IMPORTS OF THE REPUBLIC OF BELARUS FROM POLAND

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For the analysis, the values of import indicators to the Republic of Belarus from Poland for the period 2017-2020 were selected. The following chart was drawn from the selected annual import totals:

During the period under analysis, the value of imported goods is unstable, there is no clear trend. The chain-based growth rates were -10%, 10%, 7% for 2018, 2019 and 2020 respectively.

For a more in-depth analysis, an index method using basic indices was used: 2017 was adopted as the basic year of analysis, 2020 was adopted as the reporting year of the analysis.

Thus, the total cost in the reporting period was 1 236 250,1 thousand USD, in the base year 1 334 798, 7 thousand USD. The total value of imports in the reporting period in base period prices was 831 910, 9 thousand USD. Thus, the

absolute decrease in the value of the goods is 98 548,6 thousand US dollars, which is 7.38%. The physical volume of imports decreased by 37.68% and the value of the goods analyzed decreased by 502 887, 8 thousand USD due to changes of its physical volume. Due to a 48.6% increase in prices, 404 339,2 thousand USD were acquired. We see that the decrease in the value of imports is due to the decrease in volume and could not be compensated by price increases.

In the analyzed periods: 2017, 2018, 2019, 2020, - the Republic of Belarus imported goods from Poland of 19 different sections of CN FEA. Goods of section 16 CN FEA «Machines, equipment and mechanisms; sound recording and sound production equipment; their parts and accessories» steadily occupied the leading positions. However, in 2020, the volume of imports of the products of section 06 CN FEA «Products of chemical and related industries» increased significantly, and products of headings 3002«Vaccines, serums from blood, blood» and 3004«Medicines packaged for retail sale» of this section in particular. The share of these items significantly increased in 2020 compared to 2019, which can be attributed to the epidemiological situation. It is also characteristic that the cost of import heading 3004 slightly decreased in 2020 compared to 2019. However, there has been a significant increase in the physical volume of imported products, as shown in picture 2. This is indicative of the possibility of grant aid or the provision of certain benefits.

The following conclusions can be drawn from the basic indices calculated for 2017 and 2020 for item 3004: the absolute profit of the value of the goods in question is equal to 275 thousand USD, which is equal to 1.05%. The volume of imports increased by 4,4% and the value of the goods analyzed increased by 1 156,6 thousand USD due to the change of physical volume. Due to the reduction of prices by 3,21% was lost 881,62 thousand USD. Profit of import value is due to the growth of its physical volume.

Thus, during the period under review, Belarusian imports from Poland showed mixed trends. In 2020, compared to 2019, the overall import growth rate was -7%. This is due to the fact that the economic and social shocks caused by COVID-19 have had a significant impact on world exports and imports in general and on the foreign trade of the Republic of Belarus in particular. Nevertheless, while total imports have declined, imports of medical supplies have increased significantly and have been analyzed.

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SCANNING X-RAY MACHINES AS EFFECTIVE TOOLS FOR CUSTOMS CONTROL

The personal visual and tactile inspection of passengers and their luggage takes a very long time, its result is subjective and depends on the employee, this method can be unpleasant and tedious for passengers. X-ray inspection is the most objective, reliable and fastest way to inspect passengers and their luggage.

Passenger screening machines. A separate and very interesting kind of screening technology is the use of passenger scanning machines. Microwave and X-ray machines are commonly used today.

X-ray scanners are used for non-intrusive inspection of cargo and baggage for possible weapons, drugs and explosives. The X-rays are localized inside the body of the scanners and are therefore safe for others. The main part of these scanners is an x-ray generator, a detection bar to detect the rays passing through the checked luggage, a data processing unit to convert the signals received from the detection bar into an image and a conveyor belt, which is used to carry the luggage through the scanner. The resulting images are displayed on a computer terminal, usually installed near the scanner.

Personal inspection scanners are based on penetrating X-ray technology. In these scanners, X-rays are passed through a person's body and then picked up by a detector or line of detectors. This type of personal search scanners can detect objects hidden not only under clothing, but also inside a person's body (such as drug couriers carrying drugs in their stomachs) or in their natural cavities. Usually the second projection scan takes place on a larger dose and is no longer a standard procedure, but an in-depth search of a suspicious subject, conducted selectively and usually on the suspicion of the officers.

Scanners for cargo and vehicle inspection. X-ray portal inspection systems for the scanning of cars and passenger vans are also used for scanning large cargo, sea containers, railroad trains, and cars and trucks.