

MAKARNA ÜRETİCİLERİ VE SANAYİCİLERİ DERNEĞİ Pasta Producers and Industrialists Association

SECTOR REPORT

JANUARY - SEPTEMBER 2021







Pasta Producers and Industrialists' Association

Sector Report

JANUARY - SEPTEMBER 2021

PUBLISH DATE

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This report has been prepared exclusively for the Pasta Producers and Industrialists Association (MÜSAD) by agrimetre®. The source of the data contained in the report is; Turkey Statistical Institute (TUIK) and Trademap. You can reach the PASTA SECTOR STATISTICS Panel prepared by Agrimetre for MÜSAD on the web page www.musad.org.tr.

Foreign trade data has been prepared according to TURKSTAT Special Trade System. In the General Trade System (GTS), goods entering and leaving the Customs areas and free zones are also included in the foreign trade data. In the Special Trade System (STS), the customs border is taken as a basis. According to this definition, free zones and customs warehouses are located outside the customs border.



Hello,

Unfortunately, the difficulties in the supply chain, which started with the pandemic process, continue to become more chaotic day by day, contrary to expectations.

As we all know, difficulties experienced in the procurement of raw materials and price increases are at the forefront of these difficulties. In our country, which is struggling with inflation, these difficulties are felt more.

In the following sections of our report, you will see that the price of durum wheat, which is our basic raw material, has increased rapidly in our sector.

However, we regret to express that even in such an environment, our export price is still not at the level it deserves.

As you can see from our report, while the import price of durum wheat increased by 74.5% in the first 9-month period compared to the previous year, we see that our export price increased by 6.4% in the same period.

We are producing a very special product, which is the grace of God. When and how will we deverce this very special product, which we describe as a very simple and organic process, such as mixing durum wheat semolina with water and making it in molds, to the place it deserves both in people's minds and in export prices?

When we deverce it to the place it deserves, our farmers and industrialists will ultimately win our country with value-added exports.

Nihat Uysallı Chairman





SEPTEMBER 2021

EXPORT QUANTITY (KG) %1,5

SEPTEMBER 2021

131,727,179

SEPTEMBER 2020

129.842.853

EXPORT VALUE %6,2 (USD)

SEPTEMBER 2021

\$74.703.635

SEPTEMBER 2020

\$70.330.475

UNIT PRICE (USD/TON)

%4,7

SEPTEMBER 2021

\$567

SEPTEMBER 2020

\$542



JANUARY - SEPTEMBER 2021

EXPORT -%4,3 **QUANTITY (KG)**

2021 TOTAL

1.024.597.075



2020 TOTAL

1.070.348.378

EXPORT VALUE %1,8 (USD)

2021 TOTAL

2020 TOTAL

\$556.959.253

\$567.030.844

UNIT PRICE (USD/TON)

%6,4

2021 TOTAL

\$553

2020 TOTAL

\$520



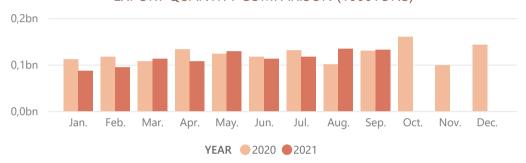
^{*} Comparisons were made with the same month of the previous year.

^{*} Comparisons were made with the same period of the previous year. It is prepared on the basis of TURKSTAT Special Trade System data.



2020 - 2021 COMPARATIVE PASTA EXPORT

EXPORT QUANTITY COMPARISON (1000TONS)

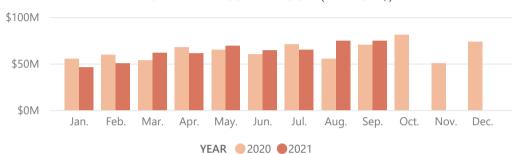


Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	112	117	107	133	123	116	131	101	130	160	98	143	1.471
2021	86	94	113	108	129	113	116	134	132				1.025

EXPORT UNIT PRICE COMPARISON (\$)

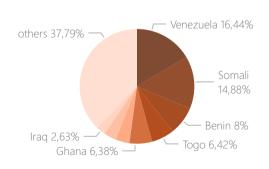


EXPORT VALUE COMPARISON (MILLION\$)



Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	\$55	\$60	\$54	\$68	\$65	\$60	\$71	\$55	\$70	\$81	\$50	\$74	\$762
2021	\$46	\$51	\$62	\$61	\$69	\$64	\$65	\$74	\$75				\$567

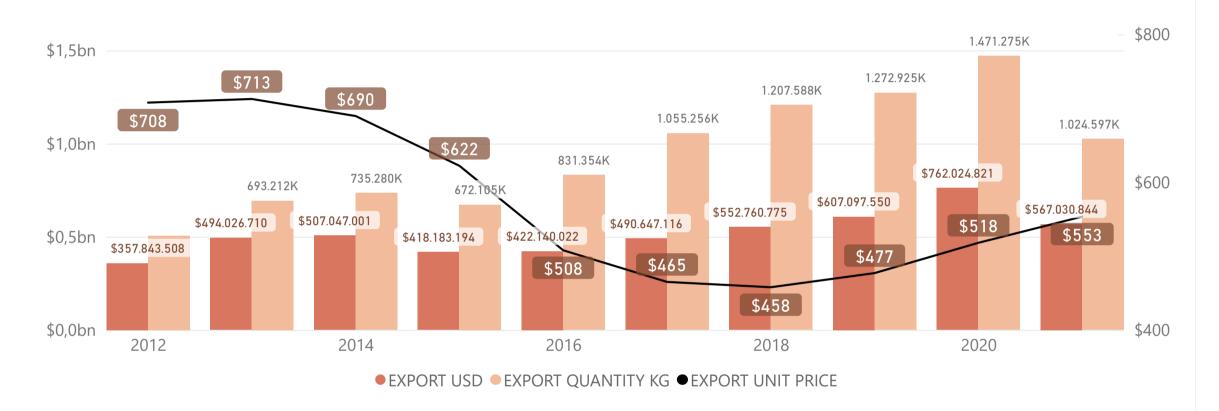
TOP 8 COUNTRIES ACCORDING TO TOTAL EXPORT QUANTITY IN 2021



Country	Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
Venezuela	168	\$95	\$562
Somali	152	\$77	\$506
Benin	82	\$38	\$462
Togo	66	\$32	\$492
Ghana	65	\$34	\$522
Niger	41	\$22	\$542
Japan	36	\$28	\$784
Iraq	27	\$15	\$546







When the pasta export is examined by years, it is seen that the export has increased continuously except 2015. However, as of 2014, with the gradual decrease in the unit export price, although more exports were made, no income was obtained there. While the lowest average unit export price was realized with 458 dollars / ton in 2018, the unit export price increased with the increase in wheat costs after this year and was realized at the level of \$553/ton as of September 2021.





SEPTEMBER 2021

IMPORT QUANTITY (KG) %7

SEPTEMBER 2021

16.996.252

SEPTEMBER 2020

15.920.215



IMPORT VALUE (USD)

%86

SEPTEMBER 2021

\$8.092.908

SEPTEMBER 2020

\$4.344.801

UNIT PRICE (USD/TON)

%74,5

SEPTEMBER 2021

\$476

SEPTEMBER 2020

\$273



JANUARY - SEPTEMBER 2021

IMPORT QUANTITY (KG) -%68

2021 TOTAL

296.947.646



2020 TOTAL

941.283.197

IMPORT VALUE (USD)

-%62

2021 TOTAL

\$108.064.115



2020 TOTAL \$282.449.969

UNIT PRICE (USD/TON)

%21,3

2021 TOTAL

\$364

2020 TOTAL

\$300



^{*} Comparisons were made with the same month of the previous year. It is prepared on the basis of TURKSTAT Special Trade System data.

^{*} Comparisons were made with the same period of the previous year. It is prepared on the basis of TURKSTAT Special Trade System data.



CALENDAR YEAR AND SEASON DURUM WHEAT IMPORT

DURUM WHEAT IMPORT CHANGES IN 2020 - 2021 YEAR (JANUARY - SEPTEMBER)

Import Quantity (KG)

296.947.646 Import Quantity 2021

941.283.197

Import Quantity 2020

-%68,5

Import Quantity Change %

Import Value (\$)

\$108.064.115 Import Value 2021

\$282,449,969

Import Value 2020

-%61,7

Import Value Change %

Import Unit Price (\$/TON)

\$364

Import Unit Price 2021

\$300

Import Unit Price 2020

%21,3

Import Unit Price Change %

DURUM WHEAT IMPORT CHANGES IN 2020/21 - 2021/22 SEASON (JULY - SEPTEMBER)

Import Quantity (KG)

36.808.955

Import Quantity 2021/22

58.304.926

Import Quantity 2020/21

-%36,9

Import Quantity Change %

Import Value (\$)

\$15.822.077 Import Value 2021/22

\$15,909,282

Import Value 2020/21

-%0,5

Import Value Change %

Import Unit Price (\$/TON)

\$430

Import Unit Price 2021/22

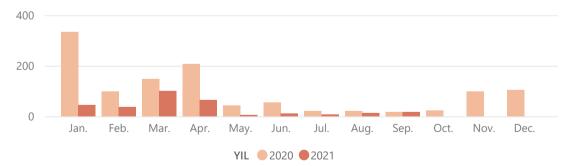
\$273

Import Unit Price 2020/21

%57.5

Import Unit Price Change %

DURUM WHEAT IMPORT QUANTITY CALENDAR YEAR COMPARISON (1000TON)



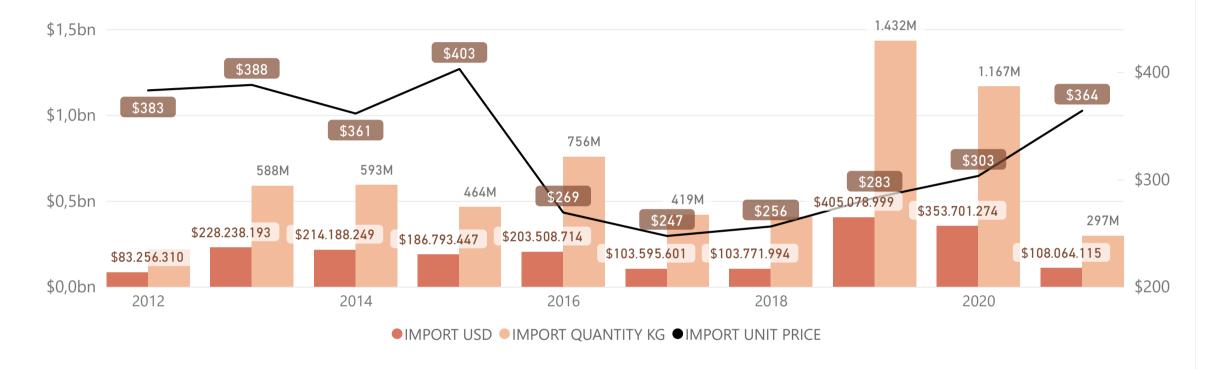
Yıl/Ay	Jan.	Feb.	Mar.	Apr.	Мау.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	333	98	147	207	43	55	21	21	16	24	98	104	1.167
2021	44	36	99	64	5	12	7	13	17				297

DURUM WHEAT IMPORT QUANTITY SEASONAL COMPARISON (1000TON)





DURUM WHEAT IMPORT PER YEAR

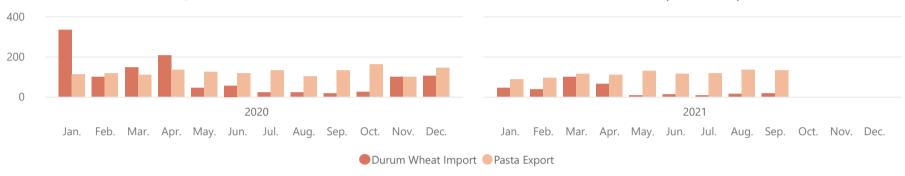


When the durum wheat import is examined in the 10-year period covering the years 2012-2021, it is seen that the years 2019 and 2020 stand out in terms of both quantity and average unit import price. Although the import unit price, which was around 400 dollars / ton in 2012-2015, decreased rapidly after 2015, it followed an increasing trend after 2018 and was realized at the level of \$364/ton as of September 2021.

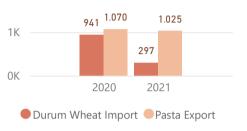


2020 - 2021 DURUM WHEAT IMPORT AND PASTA EXPORT

QUANTITY COMPARISON OF DURUM WHEAT IMPORT AND PASTA EXPORT (1000TONS)



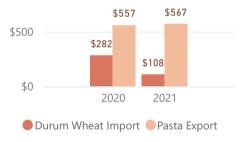
JANUARY - SEPTEMBER TOTAL QUANTITY COMPARISON (1000TON)



VALUE COMPARISON OF DURUM WHEAT IMPORT AND PASTA EXPORT (MILLION\$)



JANUARY - SEPTEMBER TOTAL VALUE COMPARISON (MILLION\$)



UNIT PRICE COMPARISON OF DURUM WHEAT IMPORT AND PASTA EXPORT (\$/TON)

\$400	\$493 \$511 \$2	499 \$509	\$528	\$513	\$541	\$544	\$542	\$506	\$513	\$516	\$530	\$537	\$548	\$570	\$537	\$569	\$559		\$567 \$476
\$200	\$306 \$301 \$2	296 \$294	\$312	\$311	\$267	\$279	\$273	\$301	\$319	\$318	\$327	\$356	\$360	\$361	\$372	\$367	\$331	\$425	
\$0																			

Durum Wheat Import Pasta Export

JANUARY - SEPTEMBER AVERAGE UNIT PRICE COMPARISON (\$/TON)







In September 2021 compared to September 2020, Pasta Exports increased 1.45% and reached to 131.73 thousand tons, in quantity; increased 6.22% and reached to \$74.7 million in value.

Between January - September 2021, compared to same period of the previous year, pasta exports decreased -4.27% and fell to 1.02 million tons, in quantity; increased 1.81% and reached to \$567.03 million in value.

Average unit price per ton was \$542 in September 2020. It increased 4.70% and reached to \$567 in September 2021.

Compared to same period of the previous year, between January and September 2021, average price per ton increased 6.35% and reached to \$553/ton.



PASTA EXPORT BY COUNTRY JANUARY - SEPTEMBER 2021

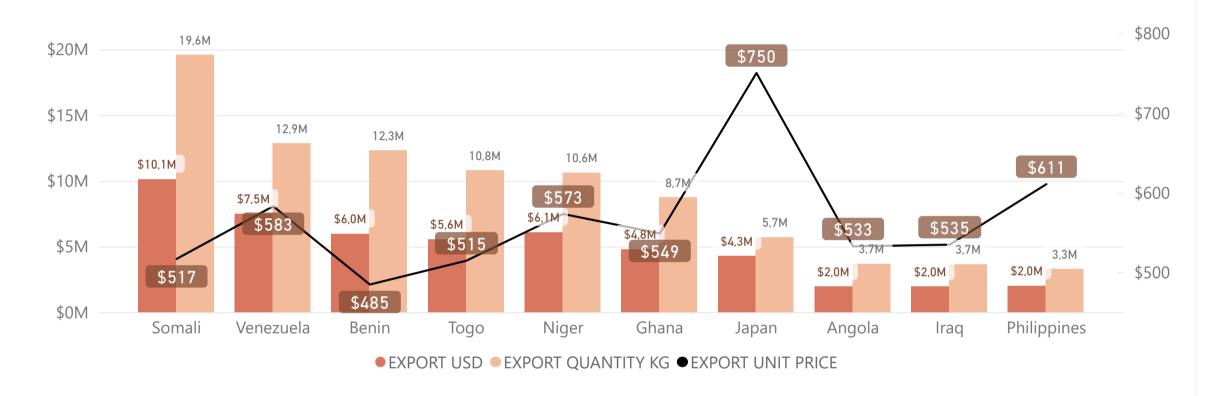


Between January and September 2021, biggest exports was made to Venezuela with 168 thousand tons, followed by Somali and Benin. In terms of value, biggest importer is Venezuela with \$95 million, followed by Somali and Benin, respectively.

On the basis of unit price amongst top 10 countries we export to in 2021, Japan ranked first with \$784/ton. Benin was on the last place with \$462/ton.



PASTA EXPORT BY COUNTRY SEPTEMBER 2021



In September 2021, biggest exports, in terms of quantity was made to Somali with 20 thousand tons, followed by Venezuela and Benin.

In September 2021, among the top 10 countries we export to on the basis of unit price, Japan ranked 1st with \$750/ton, followed by Philippines (\$611/ton) and Venezuela (\$583/ton) respectively. Benin had the lowest price with \$485/ton.



PASTA EXPORT VALUE BY YEARS (USD)

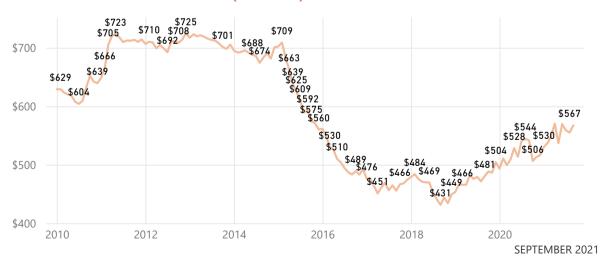
MONTHLY EXPORT VALUE (USD)



YEARLY EXPORT VALUE (USD)



MONTHLY EXPORT UNIT PRICE (USD/TON)



When the pasta export is analyzed by months, it is seen that the increasing trend continues. The highest monthly export was achieved in October 2020 with \$ 81.02 million.

It is seen that the unit export price has increased to the levels of 2016 with 570 dollars / ton achieved in April 2021

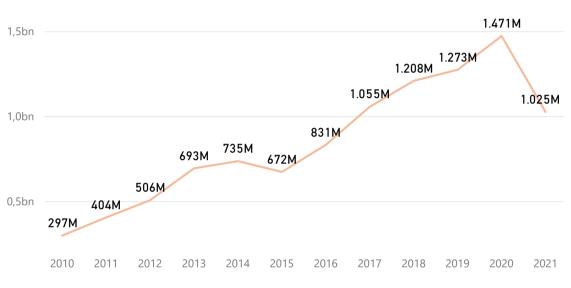


PASTA EXPORT QUANTITY (KG)

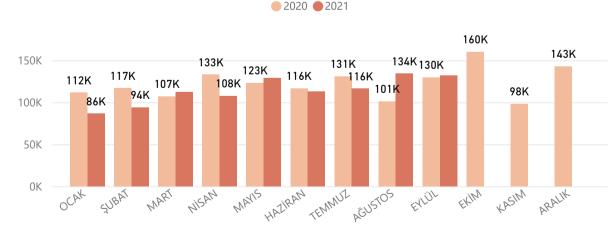
MONTHLY EXPORT QUANTITY (KG)



YEARLY EXPORT QUANTITY (KG)



LAST 2 YEAR EXPORT QUANTITY (KG)



When the pasta export is analyzed on a monthly basis, it is seen that the increasing trend continues here as well, but it is seen that the export amount has decreased in recent months compared to previous years. The highest monthly value achieved so far was 160.04 thousand tons in October 2020, while the export of 86 thousand tons in January 2021 was the lowest monthly value achieved in recent years.



2020 - 2021 EXPORT COMPARISON CHART

JANUARY - SEPTEMBER 2021

HS CODE 6 - PRODUCT NAME	EXPORT QUANT. (KG)	EXPORT VALUE (USD)	PREV. YEAR EXPORT QUANT. (KG)	PREV. YEAR EXPORT VALUE (USD)	CHANGE % (KG)	CHANGE % (USD)
100119	17.496.895	\$6.587.676	18.172.905	\$6.695.502	-%3,7	-%1,6
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	17.496.895	\$6.587.676	18.172.905	\$6.695.502	-%3,7	-%1,6
190211	341.669	\$392.529	3.828.703	\$3.806.177	-%91,1	-%89,7
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	261.956	\$315.360	2.160.506	\$2.755.643	-%87,9	-%88,6
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	79.713	\$77.169	1.668.197	\$1.050.534	-%95,2	-%92,7
190219	972.943.946	\$530.755.977	1.016.667.648	\$525.343.359	-%4,3	%1,0
190219100011	76	\$90				
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	473.074.101	\$268.975.125	585.441.464	\$326.821.110	-%19,2	-%17,7
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	76.050	\$116.737	316.592	\$477.728	-%76,0	-%75,6
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	498.044.885	\$260.804.995	425.795.510	\$195.504.725	%17,0	%33,4
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	1.748.834	\$859.030	5.114.082	\$2.539.796	-%65,8	-%66,2
190220	305.179	\$815.420	456.970	\$574.032	-%33,2	%42,1
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates	0	\$0	145.610	\$106.021	-%100,0	-%100,0
190220301000 Pasta (stuffed, containing more than 20% by weight of meat and meat offal (including any fat)	8.193	\$18.876	12.900	\$36.234	-%36,5	-%47,9
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	2.040	\$4.684	1.211	\$2.175	%68,5	%115,4
190220910000 Other stuffed, cooked pastas	110.038	\$567.884	18.023	\$53.747	%510,5	%956,6
190220990000 Other stuffed pastas	184.908	\$223.976	279.226	\$375.855	-%33,8	-%40,4
190230	48.516.700	\$33.394.284	49.058.825	\$27.026.411	-%1,1	%23,6
190230100000 Dried pastas	17.973.288	\$17.733.924	6.246.372	\$6.213.244	%187,7	%185,4
190230900000 Other pastas	30.543.412	\$15.660.360	42.812.453	\$20.813.167	-%28,7	-%24,8
190240	2.489.581	\$1.672.634	336.232	\$209.274	%640,4	%699,3
190240100000 Couscous; unprepared ones	164.580	\$108.917	277.448	\$160.266	-%40,7	-%32,0
190240900000 Couscous; EXCEPT those that are not prepared	2.325.001	\$1.563.717	58.784	\$49.008	%3855,2	%3090,7
Total	1.042.093.970	\$573.618.520	1.088.521.283	\$563.654.755	-%4,3	%1,8

^{*} Comparisons were made with the same period of the previous year.



WORLD PASTA MARKET - EXPORTERS

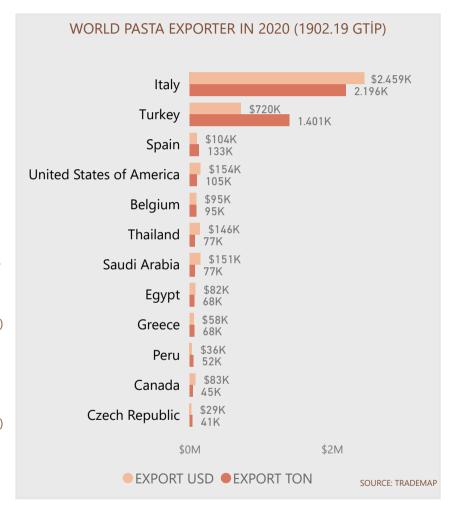
WORLD PASTA (1902) EXPORT IN 2020 (USD) 11.821.111

WORLD PASTA (1902) EXPORT IN 2020 (TON)

7.966.487

WORLD PASTA (1902.19) EXPORT IN 2020 (USD) 5.021.939

WORLD PASTA (1902.19) EXPORT IN 2020 (TON) 5.062.280



2 106 275		
2.196.375	%43,4	\$1.120
1.400.714	%27,7	\$514
133.221	%2,6	\$780
95.397	%1,9	\$992
77.048	%1,5	\$1.964
68.040	%1,3	\$1.201
67.580	%1,3	\$857
52.239	%1,0	\$698
40.967	%0,8	\$707
33.449	%0,7	\$660
32.139	%0,6	\$692
27.214	%0,5	\$875
24.562	%0,5	\$701
21.936	%0,4	\$538
21.587	%0,4	\$1.181
	133.221 95.397 77.048 68.040 67.580 52.239 40.967 33.449 32.139 27.214 24.562 21.936	133.221 %2,6 95.397 %1,9 77.048 %1,5 68.040 %1,3 67.580 %1,3 52.239 %1,0 40.967 %0,8 33.449 %0,7 32.139 %0,6 27.214 %0,5 24.562 %0,5 21.936 %0,4

According to Trademap data, in 2020, Turkey ranked in 2nd place after Italy in 1902.19 GTIP pasta exports, with 27,7% (2018-%28,1) market share. But, among the countries exporting more than 20 thousand tons, ranked last with an export value of <u>\$514/ton</u>.



WORLD PASTA MARKET - IMPORTERS

WORLD PASTA (1902) IMPORT IN 2020 (USD)

11.299.195

WORLD PASTA (1902) IMPORT IN 2020 (TON)

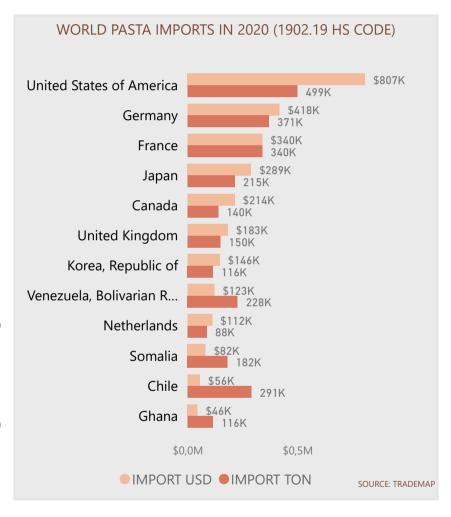
7.883.648

WORLD PASTA (1902.19) IMPORT IN 2020 (USD)

5.197.873

WORLD PASTA (1902.19) IMPORT IN 2020 (TON)

5.027.644

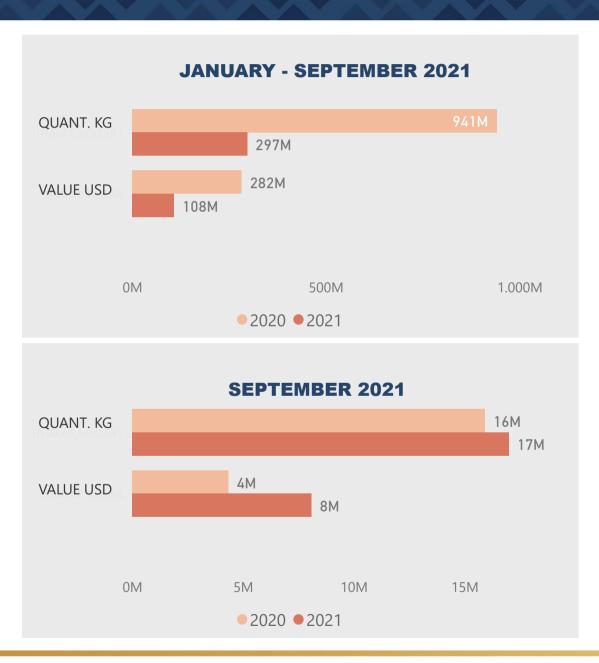


UNIT IMPORT PRICE	OF COUNTRIES	OVER 65K IMPORT C	QUANT. (\$/TON)
COUNTRY	IMPORT TON ▼	IMPORT SHARE	UNIT PRICE (\$/TON)
United States of America	498.913	%9,9	\$1.618
Germany	370.546	%7,4	\$1.129
France	340.416	%6,8	\$998
Chile	291.014	%5,8	\$193
Venezuela, Bolivarian Republic of	227.719	%4,5	\$539
Japan	215.333	%4,3	\$1.342
Somalia	182.008	%3,6	\$451
United Kingdom	149.530	%3,0	\$1.227
Canada	139.658	%2,8	\$1.535
Korea, Republic of	115.994	%2,3	\$1.259
Ghana	115.592	%2,3	\$394
Netherlands	88.385	%1,8	\$1.267
Saudi Arabia	76.006	%1,5	\$998
Belgium	74.048	%1,5	\$1.311
Iraq	70.731	%1,4	\$1.179
Togo	69.358	%1,4	\$446
Angola	67.857	%1,3	\$466 SOURCE: TRADEMAP

According to Trademap data, in 2020, USA ranked first with 9.9% share in 1902.19 GTIP pasta imports. Germany (370K tons) and France (340K tons) followed USA, respectively. Venezuela, which Turkey exported 220K tons of pasta in 2020, is the fifth largest importer country.







In September 2021 compared to September 2020, durum wheat imports increased 6.76% and reached to 17 thousand tons, in quantity; increased 86.27% and reached to \$8.09 million in value.

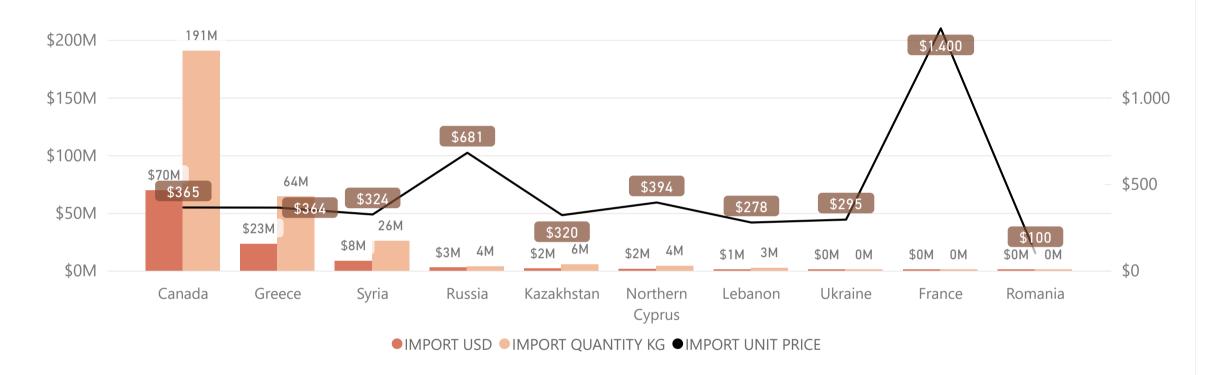
Between January - September 2021, compared to same period of the previous year, durum wheat imports decreased -68.45% and fell to 296.95 thousand tons, in quantity; decreased -61.74% and fell to \$108.06 million in value.

Average unit price per ton was \$273 in September 2020. It increased 74.47% and reached to \$476 in September 2021.

Compared to same period of the previous year, between January and September 2021, average price per ton increased 21.28% and reached to \$364/ton.



DURUM WHEAT IMPORT BY COUNTRY JANUARY - SEPTEMBER 2021

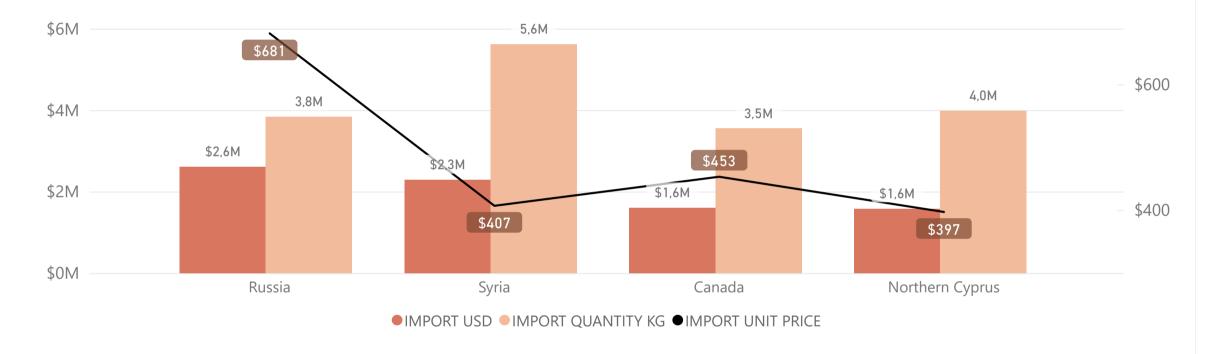


Between January and September 2021, biggest importer of durum wheat was Canada with 191 thousand tons (\$70 million), followed by Greece and Syria.

Average unit price of durum wheat imported by Canada was \$365/ton. Lowest price belonged to Romania with \$100/ton, while the highest unit price belongs to France with \$1400/ton.



DURUM WHEAT IMPORT BY COUNTRY **SEPTEMBER 2021**



In September 2021, where durum wheat was imported was the bigest country Syria. Syria imported 6 thousand tons of durum wheat (\$3 million), with \$407/ton average unit price.

In September 2021, countries that imported durum wheat were Syria, Northern Cyprus, Russia, Canada, respectively.



DURUM WHEAT IMPORT VALUE (USD)

MONTHLY IMPORT VALUE (USD) YEARLY IMPORT VALUE (USD) \$102M \$405M \$100M \$0,4bn \$354M \$77M \$72M \$61M \$228M \$214M \$187M \$204M \$46M \$50M \$0.2bn \$41M \$40M \$36M \$34M \$34M \$33M \$108M \$104M \$104M \$23M \$22M \$22M \$21M \$83M \$20M \$16M \$15M \$13M \$8M \$6M \$25M \$5M \$5M \$2M \$0M 2014 2018 2012 2016 2020 2010 2010 2013 2014 2015 2016 2021 SEPTEMBER 2021

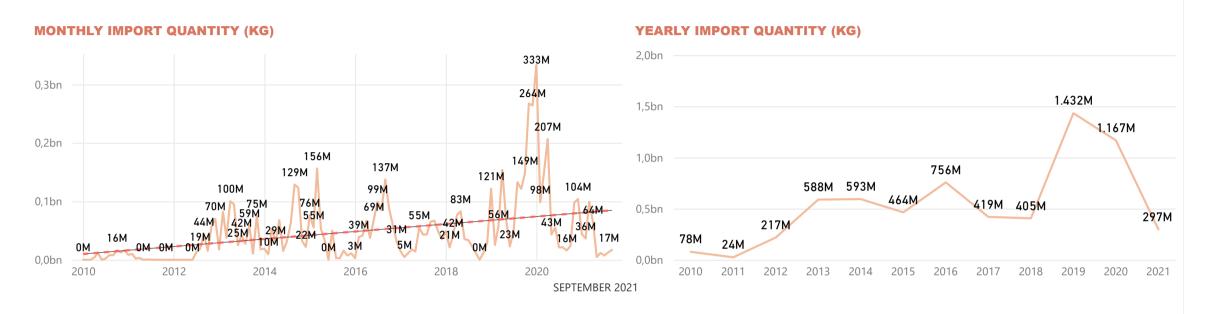
MONTHLY IMPORT UNIT PRICE (USD/TON)



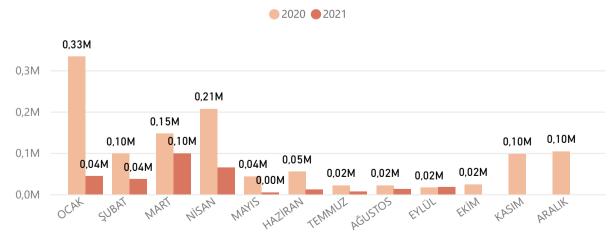
When the monthly import values of durum wheat are analyzed, it is seen that the increasing trend continues. The highest value obtained in imports of durum wheat, in which the years 2019 and 2020 stand out, was realized in January 2020 with 102 million dollars. When analyzed on unit price basis, it is seen that the price of 476 dollars / ton realized in September 2021 is the highest value achieved until this time.



DURUM WHEAT IMPORT QUANTITY (KG)



LAST 2 YEAR IMPORT QUANTITY (KG)



When the monthly durum wheat imports are analyzed by years, it is seen that the imports decreased in 2021 after the record imports made in 2019 and 2020.



2020 - 2021 IMPORT COMPARISON CHART

JANUARY - SEPTEMBER 2021

HS CODE 6 - PRODUCT NAME	IMPORT QUANT. (KG)	IMPORT VALUE (USD)	PREV. YEAR IMPORT QUANT. (KG)	PREV. YEAR IMPORT VALUE (USD)	CHANGE % (KG)	CHANGE % (USD)
100119	296.947.646	\$108.064.115	941.283.197	\$282.449.969	-%68,5	-%61,7
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	296.947.646	\$108.064.115	941.283.197	\$282.449.969	-%68,5	-%61,7
190219	2.170.664	\$4.098.720	2.308.869	\$3.760.704	-%6,0	%9,0
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	1.845.942	\$3.616.328	1.954.470	\$3.187.166	-%5,6	%13,5
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	224.518	\$220.704	223.333	\$386.354	%0,5	-%42,9
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	99.535	\$244.207	129.416	\$183.907	-%23,1	%32,8
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	669	\$17.481	1.650	\$3.277	-%59,5	%433,4
190211	360.848	\$758.031	292.671	\$498.724	%23,3	%52,0
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	145.872	\$412.386	173.485	\$352.486	-%15,9	%17,0
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	214.976	\$345.645	119.186	\$146.238	%80,4	%136,4
190220	188.548	\$737.068	128.514	\$462.253	%46,7	%59,5
190220990000 Other stuffed pastas	168.199	\$668.529	122.933	\$430.987	%36,8	%55,1
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates	5	\$62	1.531	\$20.359	-%99,7	-%99,7
190220910000 Other stuffed, cooked pastas	20.340	\$68.425	4.050	\$10.907	%402,2	%527,3
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	4	\$52	0	\$0		
190230	418.023	\$744.141	257.566	\$381.797	%62,3	%94,9
190230100000 Dried pastas	388.857	\$674.367	154.854	\$269.626	%151,1	%150,1
190230900000 Other pastas	29.166	\$69.774	102.712	\$112.171	-%71,6	-%37,8
190240	94	\$801	0	\$0		
190240900000 Couscous; EXCEPT those that are not prepared	94	\$801	0	\$0		
Total	300.085.823	\$114.402.876	944.270.817	\$287.553.447	-%68,2	-%60,2

^{*} Comparisons were made with the same period of the previous year.



TURKEY DURUM WHEAT PRODUCTION AND HARVEST AREA 2020

4.000.000

TON PRODUCTION

179.682

KG/DECARE (YIELD)

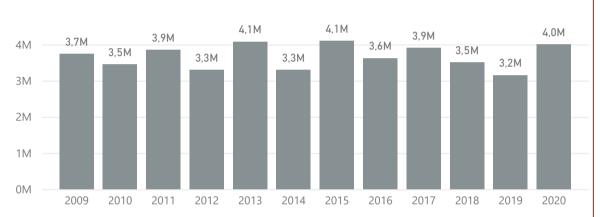
12.580.562

DECARE HARVEST AREA

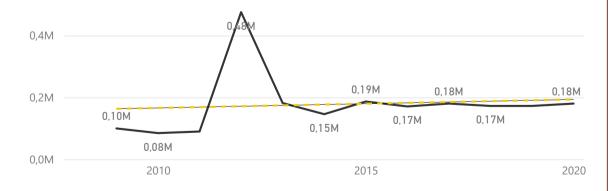
%18,17

RATIO PER TOTAL WHEAT

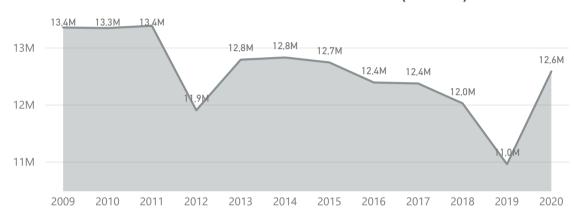
DURUM WHEAT PRODUCTION PER YEAR



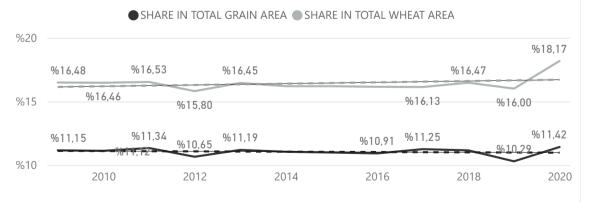
DURUM WHEAT YIELD PER YEAR (KG/DECARE)



DURUM WHEAT HARVEST AREA PER YER (DECARE)



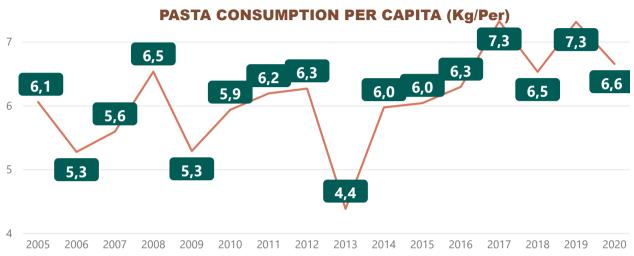
RATIO OF DURUM WHEAT HARVEST AREA

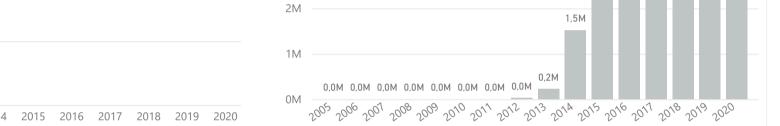




TURKEY PASTA PRODUCTION AND CONSUMPTION

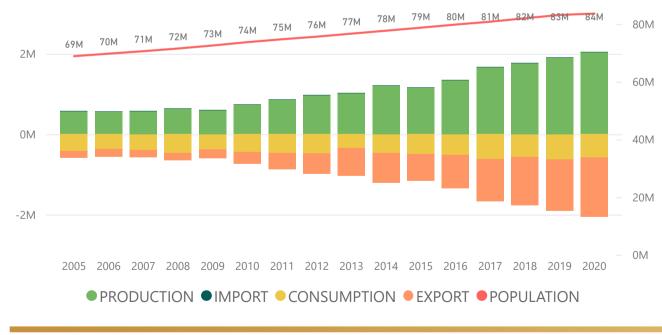
REFUGEE NUMBERS PER YEAR





3M

* Calculations were made with population of Turkey and additional refugee numbers.



Source: Ministry of the interior and TUİK

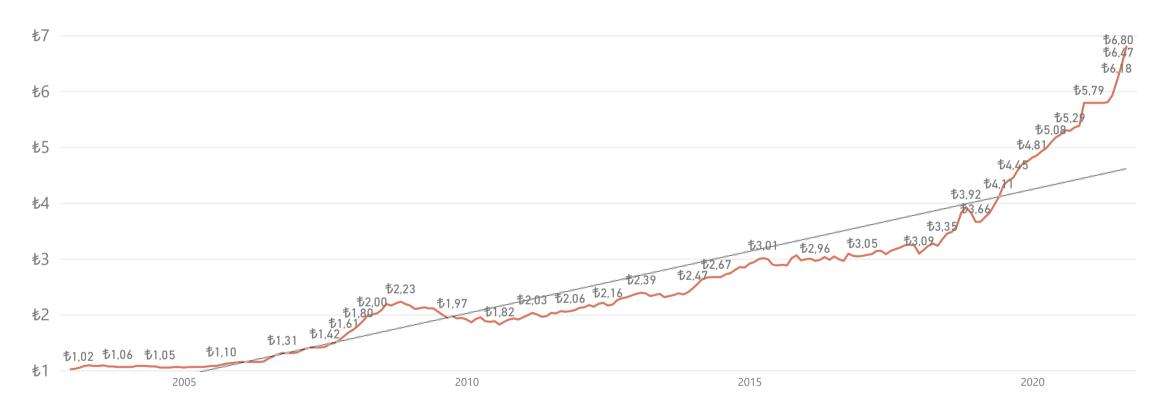
3,6M 3,6M 3,6M

3.4M

Year •	Product. (Ton)	Import (Ton)	Export (Ton)	Consumption (Ton)
2007	571.292	1.184	177.923	394.553
2008	640.985	1.521	175.597	466.909
2009	595.160	1.777	213.506	383.431
2010	732.411	2.078	297.280	437.209
2011	863.968	2.457	404.040	462.385
2012	976.644	2.702	505.559	473.787
2013	1.026.431	3.377	693.101	336.707
2014	1.202.516	5.310	735.021	472.805
2015	1.158.069	4.127	671.837	490.359
2016	1.347.649	3.384	831.123	519.910
2017	1.667.267	4.279	1.054.990	616.556
2018	1.762.492	3.636	1.207.296	558.832
2019	1.902.039	4.593	1.272.722	633.910
2020	2.047.014	4.023	1.470.842	580.195



2021 september pasta market price: £6,80 TL/Kg



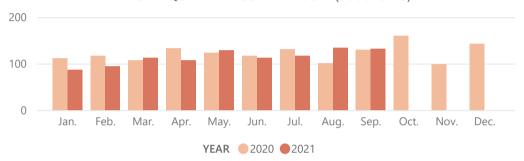
^{*} Consumer price index pasta price

^{*} Vat included market price



2020 - 2021 COMPARATIVE PASTA EXPORTGENERAL TRADE SYSTEM (GTS)

EXPORT QUANTITY COMPARISON (1000TONS)

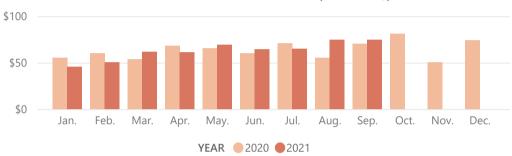


Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	112	117	107	133	124	116	131	101	130	161	98	143	1.474
2021	86	94	113	108	129	113	116	134	132				1.025

EXPORT UNIT PRICE COMPARISON (\$)

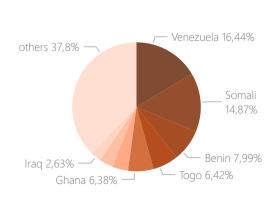


EXPORT VALUE COMPARISON (MILLION\$)



Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	\$55	\$60	\$54	\$68	\$65	\$60	\$71	\$55	\$70	\$81	\$50	\$74	\$764
2021	\$46	\$51	\$62	\$61	\$69	\$64	\$65	\$75	\$75				\$568

TOP 8 COUNTRIES ACCORDING TO TOTAL EXPORT QUANTITY IN 2021



Country	Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
Venezuela	168	\$95	\$562
Somali	152	\$77	\$506
Benin	82	\$38	\$462
Togo	66	\$32	\$492
Ghana	65	\$34	\$522
Niger	41	\$22	\$542
Japan	36	\$28	\$784
Iraq	27	\$15	\$547



2020 - 2021 EXPORT COMPARISON CHART (GTS)

JANUARY - SEPTEMBER 2021

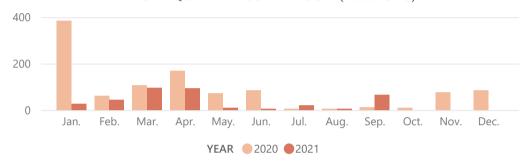
HS CODE 6 - PRODUCT NAME	EXPORT QUANT. (KG)	EXPORT VALUE (USD)	PREV. YEAR EXPORT QUANT. (KG)	PREV. YEAR EXPORT VALUE (USD)	CHANGE % (KG)	CHANGE % (USD)
100119	81.593.708	44.304.213	89.211.232	44.665.455	-%8,54	-%0,81
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	17.496.895	6.587.676	21.757.450	7.881.350	-%19,58	-%16,41
190211	221.378.915	131.394.622	649.881.914	340.247.039	-%65,94	-%61,38
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	261.957	315.362	2.160.452	2.755.606	-%87,87	-%88,56
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	83.228	86.439	1.665.971	1.053.506	-%95,00	-%91,80
190219	1.231.121.255	648.335.871	1.261.217.080	621.287.069	-%2,39	%4,35
190219100011	76	90				
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	472.846.214	268.909.444	585.937.901	327.153.262	-%19,30	-%17,80
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	76.050	116.737	317.332	483.490	-%76,03	-%75,86
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	498.031.024	260.799.405	425.915.114	195.625.462	%16,93	%33,32
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	1.913.322	1.006.344	5.496.033	2.682.956	-%65,19	-%62,49
190220	275.695.992	162.385.108	412.141.807	202.555.086	-%33,11	-%19,83
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates	0	0	145.610	106.021	-%100,00	-%100,00
190220301000 Pasta (stuffed, containing more than 20% by weight of meat and meat offal (including any fat)	8.193	18.876	12.516	35.273	-%34,54	-%46,49
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	2.320	5.292	942	1.692	%146,28	%212,77
190220910000 Other stuffed, cooked pastas	110.038	567.884	18.010	53.659	%510,98	%958,32
190220990000 Other stuffed pastas	185.095	224.525	277.339	378.529	-%33,26	-%40,68
190230	1.227.037.523	645.802.220	1.184.812.774	585.717.711	%3,56	%10,26
190230100000 Dried pastas	18.109.925	17.973.722	6.339.256	6.386.435	%185,68	%181,44
190230900000 Other pastas	30.545.378	15.694.391	42.814.486	20.817.426	-%28,66	-%24,61
190240	556.752.352	312.133.039	225.972.858	116.806.284	%146,38	%167,22
190240100000 Couscous; unprepared ones	164.580	108.917	277.368	160.221	-%40,66	-%32,02
190240900000 Couscous; EXCEPT those that are not prepared	2.325.271	1.564.844	58.039	48.984	%3906,39	%3094,60
Total	1.233.423.777	649.144.673	1.261.486.175	621.388.876	-%2,22	%4,47

^{*} Comparisons were made with the same period of the previous year.



2020 - 2021 COMPARATIVE DURUM WHEAT IMPORTGENERAL TRADE SYSTEM (GTS)

IMPORT QUANTITY COMPARISON (1000TONS)



Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2020	384	62	107	169	72	86	6	6	11	10	76	86	1.075
2021	28	44	96	93	11	2	20	6	65				365

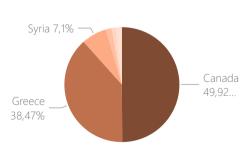
IMPORT UNIT PRICE COMPARISON (\$)



IMPORT VALUE COMPARISON (MILLION\$)



TOP 8 COUNTRIES ACCORDING TO TOTAL IMPORT QUANTITY IN 2021



Country	Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
Canada	182	\$64	\$354
Greece	140	\$55	\$391
Syria	26	\$8	\$324
Kazakhstan	6	\$2	\$333
Northern Cyprus	4	\$2	\$394



2020 - 2021 IMPORT COMPARISON CHART (GTS)

JANUARY - SEPTEMBER 2021

HS CODE 6 - PRODUCT NAME	IMPORT QUANT. (KG)	IMPORT VALUE (USD)	PREV. YEAR IMPORT QUANT. (KG)	PREV. YEAR IMPORT VALUE (USD)	CHANGE % (KG)	CHANGE % (USD)
100119	364.961.184	134.670.879	902.866.762	269.255.465	-%59,58	-%49,98
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	364.961.184	134.670.879	902.866.762	269.255.465	-%59,58	-%49,98
190211	333.068	733.295	273.597	471.314	%21,74	%55,59
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	145.952	420.961	151.185	320.939	-%3,46	%31,17
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	186.586	311.055	122.412	150.375	%52,42	%106,85
190219	2.425.447	4.450.136	3.980.313	4.580.681	-%39,06	-%2,85
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	2.004.664	3.838.704	2.435.198	3.364.618	-%17,68	%14,09
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	669	17.515	3.354	18.166	-%80,05	-%3,58
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	94.919	224.161	305.901	393.012	-%68,97	-%42,96
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	324.443	365.534	1.234.843	800.274	-%73,73	-%54,32
190220	255.646	868.844	324.342	674.982	-%21,18	%28,72
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates	5	62	1.531	20.938	-%99,67	-%99,70
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	59	292	0	0		
190220910000 Other stuffed, cooked pastas	20.430	68.702	10.935	30.941	%86,83	%122,04
190220990000 Other stuffed pastas	234.321	797.045	311.876	623.103	-%24,87	%27,92
190230	447.687	753.581	370.359	618.121	%20,88	%21,91
190230100000 Dried pastas	389.430	656.617	219.818	445.383	%77,16	%47,43
190230900000 Other pastas	58.257	96.964	139.553	153.934	-%58,25	-%37,01
190240	18.356	16.965	0	0		
190240900000 Couscous; EXCEPT those that are not prepared	18.356	16.965	0	0		
Total	368.443.051	141.495.713	907.816.094	275.603.636	-%59,41	-%48,66

^{*} Comparisons were made with the same period of the previous year.



PASTA AND DURUM WHEAT HS12CODE TABLE

HS12 CODE	CATEGORY	CUSTOM NAME
100119000000	DURUM WHEAT	Durum wheat (durum wheat); EXCEPT those of seed
190211000011	PASTA	Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina
190211000019	PASTA	Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT
190219100019	PASTA	Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)
190219900011	PASTA	Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)
190219900012	PASTA	Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)
190219900019	PASTA	Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)
190220309000	PASTA	Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)
190220910000	PASTA	Other stuffed, cooked pastas
190220990000	PASTA	Other stuffed pastas
190230100000	PASTA	Dried pastas
190230900000	PASTA	Other pastas
190240100000	PASTA	Couscous; unprepared ones
190240900000	PASTA	Couscous; EXCEPT those that are not prepared













