

MAKARNA ÜRETİCİLERİ VE SANAYİCİLERİ DERNEĞİ Pasta Producers and Industrialists Association

SECTOR REPORT

JANUARY - APRIL 2022







Pasta Producers and Industrialists' Association

Sector Report

JANUARY - APRIL 2022

PUBLISH DATE 1 Jun 2022

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.



PASTA EXPORT FROM TURKEY

APRIL 2022



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

JANUARY - APRIL 2022

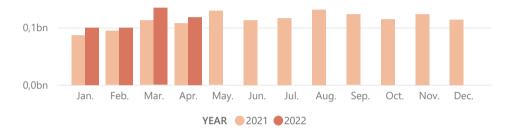
EXPORT 0/12,8	EXPORT VALUE %39,1	UNIT PRICE %23,3
2022 TOTAL	2022 TOTAL	2022 TOTAL
452.022.909	\$305.269.441	\$675
2021 TOTAL	2021 TOTAL	2021 TOTAL
400.644.660	\$219.410.688	\$548

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



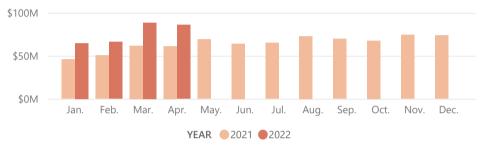
2021 - 2022 COMPARATIVE PASTA EXPORT

EXPORT QUANTITY COMPARISON (1000TONS)



Total	Dec.	Nov.	Oct.	Sep.	Aug.	Jul.	Jun.	May.	Apr.	Mar.	Feb.	Jan.	Year	
1.365	114	123	115	123	131	116	113	129	108	113	94	86	2021	
452									118	134	100	100	2022	

EXPORT VALUE COMPARISON (MILLION\$)



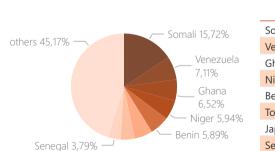
Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2021	\$46	\$51	\$62	\$61	\$69	\$64	\$65	\$73	\$70	\$68	\$74	\$74	\$776
2022	\$65	\$66	\$89	\$86									\$305

EXPORT UNIT PRICE COMPARISON (\$) \$800 \$600 Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec. Jan. **YEAR** -2021 -2022 Year Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec. Avg.

2021 \$530 \$537 \$548 \$570 \$537 \$569 \$559 \$556 \$567 \$590 \$602 \$648 **\$569**

\$675

TOP 8 COUNTRIES ACCORDING TO TOTAL EXPORT QUANTITY IN 2022

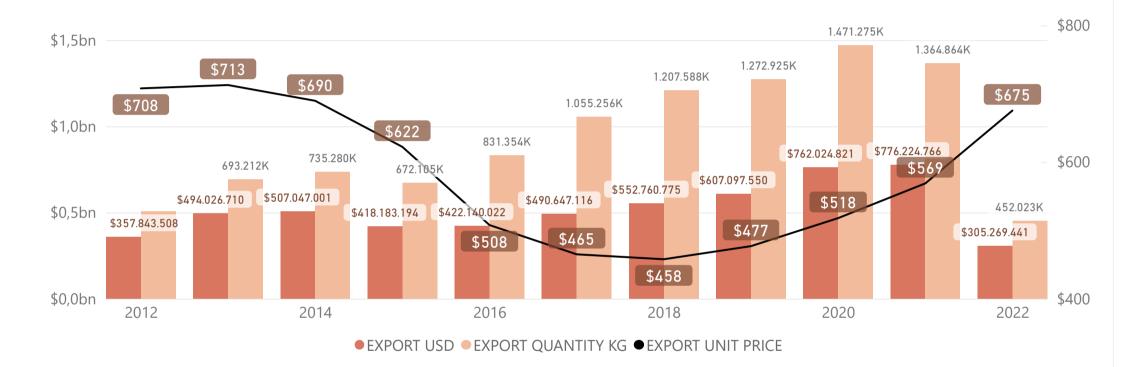


Country	Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
Somali	71	\$42	\$596
Venezuela	32	\$20	\$631
Ghana	29	\$19	\$653
Niger	27	\$18	\$656
Benin	27	\$15	\$568
Тодо	25	\$15	\$606
Japan	19	\$16	\$840
Senegal	17	\$11	\$624

2022 \$649 \$663 \$659 \$726



PASTA EXPORT PER YEAR



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 \$675/ton as of April 2022.



DURUM WHEAT IMPORT TO TURKEY

APRIL 2022



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

JANUARY - APRIL 2022

IMPORT QUANTITY (KG)	-%86	IMPORT VALUE (USD)	-%78	UNIT PRICE (USD/TON)	%60,4
2022 TOTAL		2022 TOTAL		2022 TOTAL	
33.104.181		\$18.782.024		\$567	
2021 TOTAL		2021 TOTAL		2021 TOTAL	
243.843.791		\$86.236.268		\$354	

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



SEASONAL DURUM WHEAT IMPORT

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

Import Quantity (KG)	Import Value (\$)	Import Unit Price (\$/TON)
91.667.590	\$43.934.454	\$479
Import Quantity 2021/22	Import Value 2021/22	Import Unit Price 2021/22
527.446.159	\$173.396.855	\$329
Import Quantity 2020/21	Import Value 2020/21	Import Unit Price 2020/21
-%82,6	-%74,7	%45,8
Import Quantity Change %	Import Value Change %	Import Unit Price Change %

DURUM WHEAT IMPORT QUANTITY SEASONAL COMPARISON (1000TON)



Season/Mon.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Total
2020/21	21	21	16	24	98	104	44	36	99	64	5	12	544
2021/22	7	13	17	6	4	11	4	3	0	26			92

DURUM WHEAT IMPORTS ACCORDING TO THE SEASONS

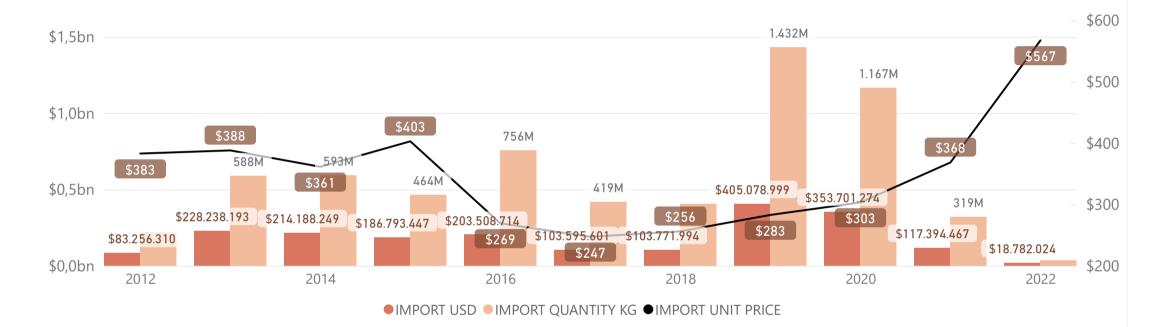
SEASON	Import Quantity (1000Ton)	Import Value (Million\$)	Import Unit Price (\$Ton)
2016/17	617	\$156	\$252
2017/18	609	\$154	\$254
2018/19	550	\$150	\$273
2019/20	1.864	\$547	\$293
2020/21	544	\$179	\$330
2021/22	92	\$44	\$479

DURUM WHEAT IMPORT INWARD PROCESSING REGIME (IPR) ACCORDING TO THE SEASONS

SEASON	IPR Import Quantity (1000Ton)	IPR Import Value (Million\$)	IPR Import Unit Price (\$/Ton)
2016/17	617	\$156	\$252
2017/18	606	\$154	\$254
2018/19	550	\$150	\$273
2019/20	1.466	\$420	\$287
2020/21	425	\$141	\$331
2021/22	92	\$44	\$479



DURUM WHEAT IMPORT PER YEAR



When the durum wheat import is examined in the 10-year period covering the years 2012-2022, 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 \$567/ton as of April 2022.



2021 - 2022 DURUM WHEAT IMPORT AND PASTA EXPORT

JANUARY - APRIL TOTAL QUANTITY QUANTITY COMPARISON OF DURUM WHEAT IMPORT AND PASTA EXPORT (1000TONS) COMPARISON (1000TON) 452 100 401 500 244 33 0 0 2022 2021 2021 2022 Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec. Jan. Feb. Mar. Apr. May. Jun. Jul. Aug. Sep. Oct. Nov. Dec. Durum Wheat Import Pasta Export Durum Wheat Import Pasta Export

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



Durum Wheat Import Pasta Export





Durum Wheat Import Pasta Export

SOURCE: TURKSTAT

Durum Wheat Import Pasta Export

JANUARY - APRIL TOTAL VALUE

COMPARISON (MILLION\$)

\$219

\$86

\$305

\$19

\$400

\$200





JANUARY - APRIL 2022

In April 2022 compared to April 2021, Pasta Exports increased 9.95% and reached to 118.21 thousand tons, in quantity; increased 40.09% and reached to \$85.87 million in value.

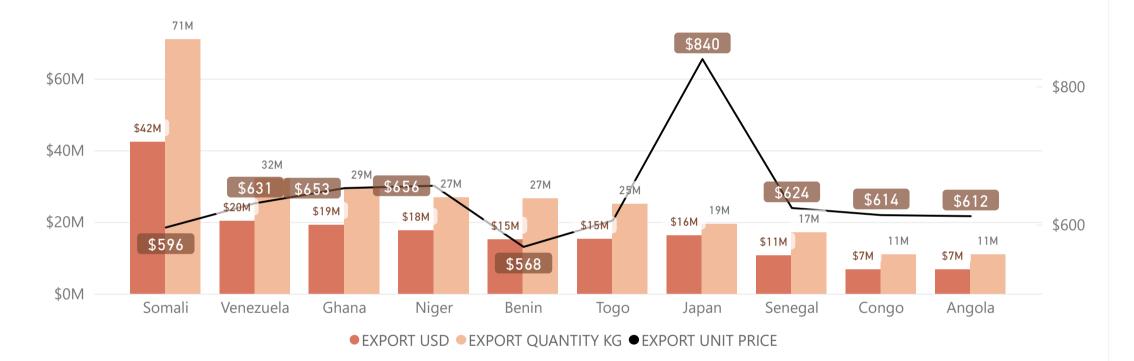
Between January - April 2022, compared to same period of the previous year, pasta exports increased 12.82% and reached to 452.02 thousand tons, in quantity; increased 39.13% and reached to \$305.27 million in value.

Average unit price per ton was \$570 in April 2021. It increased 27.41% and reached to \$726 in April 2022.

Compared to same period of the previous year, between January and April 2022, average price per ton increased 23.32% and reached to \$675/ton.



PASTA EXPORT BY COUNTRY JANUARY - APRIL 2022



Between January and April 2022, biggest exports was made to Somali with 71 thousand tons, followed by Venezuela and Ghana. In terms of value, biggest importer is Somali with \$42 million, followed by Venezuela and Ghana, respectively.

On the basis of unit price amongst top 10 countries we export to in 2022, Japan ranked first with \$840/ton. Benin was on the last place with \$568/ton.



PASTA EXPORT BY COUNTRY APRIL 2022



In April 2022, biggest exports, in terms of quantity was made to Somali with 14 thousand tons, followed by Venezuela and Ukraine.

In April 2022, among the top 10 countries we export to on the basis of unit price, Japan ranked 1st with \$896/ton, followed by Ukraine (\$884/ton) and Mozambique (\$763/ton) respectively. Benin had the lowest price with \$589/ton.



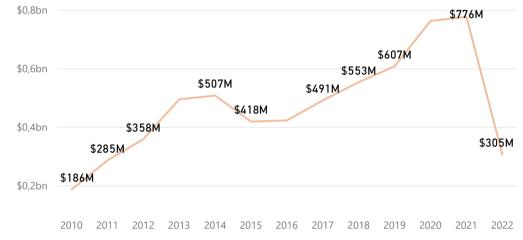
PASTA EXPORT VALUE BY YEARS (USD)



MONTHLY EXPORT UNIT PRICE (USD/TON)



YEARLY EXPORT VALUE (USD)



When the pasta export is analyzed by years, it is seen that the increasing trend continues. In 2021, it reached its highest level with \$ 776 million.

It is seen that the unit export price reached its highest level so far with <u>726 dollars/ton</u> obtained in April 2022.

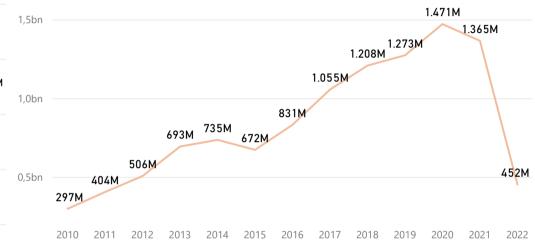


PASTA EXPORT QUANTITY (KG)

MONTHLY EXPORT QUANTITY (KG)



YEARLY 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 135.82 thousand tons in March 2022, while the export of 86 thousand tons in January 2021 was the lowest monthly value achieved in recent years.



ON THE BASIS OF GEOGRAPHICAL GROUPS PASTA EXPORT

AFRICA

290.492	\$622
Ton This Year	Unit Price This Year
247.658	\$495
Ton SPLY	Unit Price SPLY
%17,30	%25,7
Ton % Change	Unit Price % Change

• SPLY : Same Period Last Year

Africa

Asia

● 2021 ● 2022

This Year	43.572 Ton This Year
SPLY	56.690 Ton SPLY
% Change	-%23,14 Ton % Change

is Year Unit Price This Year \$605

AMERICA

\$674

Unit Price SPLY **%11,4** Unit Price % Change

	ASIA
89.251	\$7
Ton This Year	Ur
77.860	\$6
Ton SPLY	Ur
%14,63	%
Ton % Change	Ur

500

Oceania

%22,6 Unit Price % Change

\$799

\$652

Unit Price This Year

Unit Price SPLY

EUROPE

\$831 Unit Price This Year \$644 Unit Price SPLY %29,0

Unit Price % Change

SOURCE: TURKSTAT



America

– 2020 Unit Price

\$799 800 805 \$765 700 \$674 541 541 290 -271 600 89 47 4 29 0 0

Europe

- 2021 Unit Price

Export Quantity in 2022 on the Basis of Sub-Group (1000Ton)

28.532

17.849

Ton SPLY

%59,85

Ton This Year

Ton % Change



800

600

400

200

0



2021 - 2022 EXPORT COMPARISON CHART

JANUARY - APRIL 2022

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	10	\$4	17.496.895	\$6.587.676	-%100,0	-%100,0
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	10	\$4	17.496.895	\$6.587.676	-%100,0	-%100,0
190211	619.486	\$678.551	35.083	\$44.264	%1665,8	%1433,0
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	188.289	\$199.554	31.276	\$40.232	%502,0	%396,0
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	431.197	\$478.997	3.807	\$4.032	%11226,4	%11779,9
190219	425.654.724	\$278.473.712	382.302.945	\$205.747.396	%11,3	%35,3
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	110.202.182	\$83.431.931	155.353.326	\$92.114.375	-%29,1	-%9,4
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	0	\$0	65.490	\$99.629	-%100,0	-%100,0
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	313.295.020	\$193.885.156	226.052.222	\$113.113.747	%38,6	%71,4
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	2.157.522	\$1.156.625	831.907	\$419.645	%159,3	%175,6
190220	308.214	\$567.919	109.830	\$485.796	%180,6	%16,9
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates			0	\$0		
190220301000 Pasta (stuffed, containing more than 20% by weight of meat and meat offal (including any fat)	31.135	\$74.055	175	\$900	%17691,4	%8128,3
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	25.956	\$38.501	32	\$181	%81012,5	%21171,3
190220910000 Other stuffed, cooked pastas	42.476	\$97.930	75.491	\$446.078	-%43,7	-%78,0
190220990000 Other stuffed pastas	208.647	\$357.433	34.132	\$38.637	%511,3	%825,1
190230	24.318.726	\$24.709.091	17.015.428	\$12.355.730	%42,9	%100,0
190230100000 Dried pastas	14.671.787	\$18.845.632	5.250.929	\$6.160.131	%179,4	%205,9
190230900000 Other pastas	9.646.939	\$5.863.459	11.764.499	\$6.195.599	-%18,0	-%5,4
190240	1.121.759	\$840.168	1.181.374	\$777.502	-%5,0	%8,1
190240100000 Couscous; unprepared ones	235.570	\$178.928	116.600	\$78.688	%102,0	%127,4
190240900000 Couscous; EXCEPT those that are not prepared	886.189	\$661.240	1.064.774	\$698.814	-%16,8	-%5,4
Total	452.022.919	\$305.269.445	418.141.555	\$225.998.364	%8,1	%35,1

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



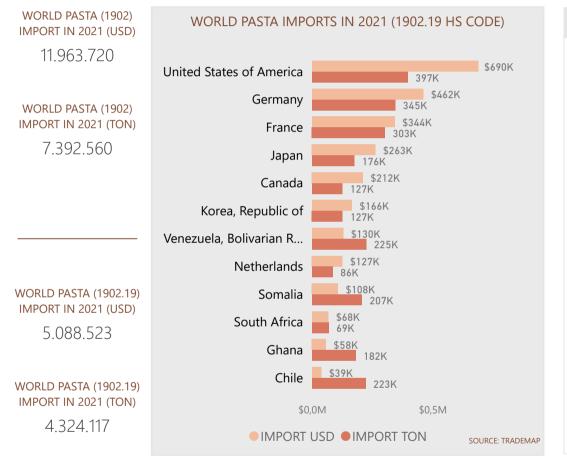
WORLD PASTA MARKET - EXPORTERS

WORLD PASTA (1902) EXPORT IN 2021 (USD)	WORLD PASTA EXPORTER IN 2021 (1902.19 GTİP)	EXPORT UNIT PRICES (OF COUNTRIES OVER	20K TONS EXPC	PRT QUANT. (\$/TON)
12.357.290	\$2.394K 1.909K	COUNTRY	EXPORT TON	EXPORT SHARE	UNIT PRICE (\$/TON)
WORLD PASTA (1902)	Turkey \$723K	Italy	1.909.039	%40,5	\$1.254
EXPORT IN 2021 (TON)	Spain \$115K	Turkey	1.293.209	%27,5	\$559
7.603.176	· IZZR	Spain	122.339	%2,6	\$936
7.005.170	United States of America 104K	Belgium	83.325	%1,8	\$1.146
	Thailand 85K	Saudi Arabia	69.922	%1,5	\$2.879
		Egypt	60.794	%1,3	\$1.311
	Belgium \$95K 83K	Tunisia	57.857	%1,2	\$603
	Nigeria ^{\$1K} _{82K}	Greece	55.694	%1,2	\$950
	Soudi Arabia \$201K	Czech Republic	40.042	%0,9	\$808
	700	Russian Federation	32.983	%0,7	\$803
WORLD PASTA (1902.19) EXPORT IN 2021 (USD)	Egypt \$80K 61K	Latvia	29.368	%0,6	\$711
	Tunisia 58K	Peru	28.272	%0,6	\$747
5.073.524	Greece \$53K 56K	Côte d'Ivoire	24.046	%0,5	\$440
	The second second second second second second second second second second second second second second second s	Guatemala	21.212	%0,5	\$859
WORLD PASTA (1902.19) EXPORT IN 2021 (TON)	Czech Republic 40K	United Arab Emirates	20.042	%0,4	\$738
	\$0M \$2M				
4.709.706	• EXPORT USD • EXPORT TON SOURCE: TRADEMAP	* Noodle etc. exporters exclud	led.		SOURCE: TRADEMAP

According to Trademap data, in 2021, Turkey ranked in 2nd place after Italy in 1902.19 GTIP pasta exports, with 27,5% (2020-%27,7) market share. But, among the countries exporting more than 20 thousand tons, ranked last with an export value of <u>\$559/ton</u>.



WORLD PASTA MARKET - IMPORTERS



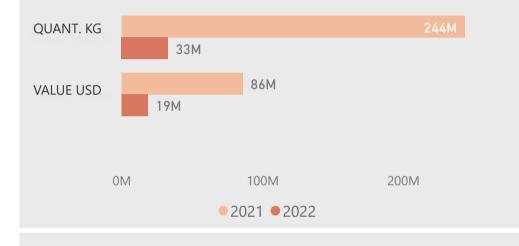
COUNTRY	IMPORT TON	IMPORT SHARE	UNIT PRICE (\$/TON)
United States of America	397.255	%9,2	\$1.736
Germany	345.476	%8,0	\$1.338
France	303.289	%7,0	\$1.133
Venezuela, Bolivarian Republic of	225.062	%5,2	\$578
Chile	222.823	%5,2	\$176
Somalia	207.171	%4,8	\$522
Ghana	181.892	%4,2	\$320
Japan	176.169	%4,1	\$1.496
Korea, Republic of	126.728	%2,9	\$1.308
Canada	126.528	%2,9	\$1.673
Netherlands	86.316	%2,0	\$1.467
South Africa	69.296	%1,6	\$984
Belgium	66.210	%1,5	\$1.436
Niger	58.768	%1,4	\$567
Sweden	56.034	%1,3	\$1.225
			SOURCE: TRADEMAP

UNIT IMPORT PRICE OF COUNTRIES OVER 55K IMPORT QUANT. (\$/TON)

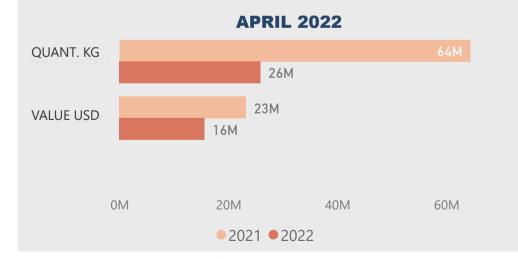
According to Trademap data, in 2021, USA ranked first with 9.2% share in 1902.19 GTIP pasta imports. Germany (345K tons) and France (303K tons) followed USA, respectively. Venezuela, which Turkey exported 212K tons of pasta in 2021, is the fourth largest importer country.



DURUM WHEAT IMPORT



JANUARY - APRIL 2022



In April 2022 compared to April 2021, durum wheat imports decreased -59.80% and fell to 25.89 thousand tons, in quantity; decreased -32.82% and fell to \$15.62 million in value.

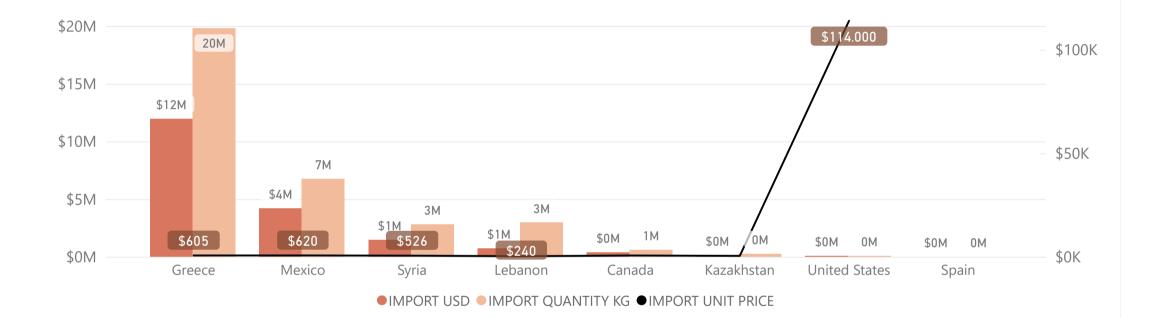
Between January - April 2022, compared to same period of the previous year, durum wheat imports decreased -86.42% and fell to 33.1 thousand tons, in quantity; decreased -78.22% and fell to \$18.78 million in value.

Average unit price per ton was \$361 in April 2021. It increased 67.10% and reached to \$603 in April 2022.

Compared to same period of the previous year, between January and April 2022, average price per ton increased 60.43% and reached to \$567/ton.



DURUM WHEAT IMPORT BY COUNTRY JANUARY - APRIL 2022



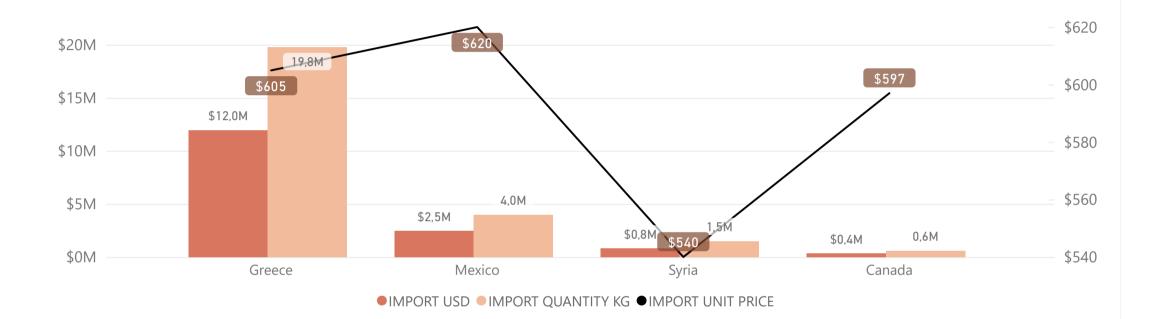
Between January and April 2022, biggest importer of durum wheat was Greece with 20 thousand tons (\$12 million), followed by Mexico and Lebanon.

Average unit price of durum wheat imported by Greece was \$605/ton. Lowest price belonged to Lebanon with \$240/ton, while the highest unit price belongs to United States with \$114000/ton.



DURUM WHEAT IMPORT BY COUNTRY

APRIL 2022



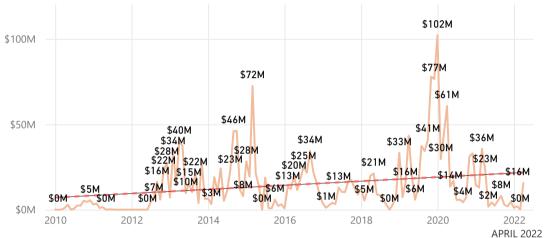
In April 2022, where durum wheat was imported was the bigest country Greece. Greece imported 20 thousand tons of durum wheat (\$12 million), with \$605/ton average unit price.

In April 2022, countries that imported durum wheat were Greece, Mexico, Syria, Canada, respectively.



DURUM WHEAT IMPORT VALUE (USD)

MONTHLY IMPORT VALUE (USD)



YEARLY IMPORT VALUE (USD)





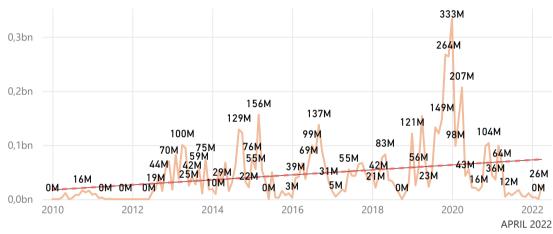
MONTHLY IMPORT UNIT PRICE (USD/TON)

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 <u>603 dollars / ton</u> realized in April 2022 is the highest value achieved until this time. It was realized with a price of **416 dollars/ton** in March 2022.

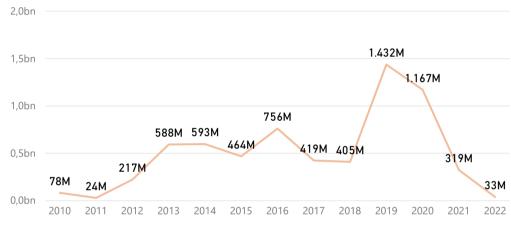


DURUM WHEAT IMPORT QUANTITY (KG)



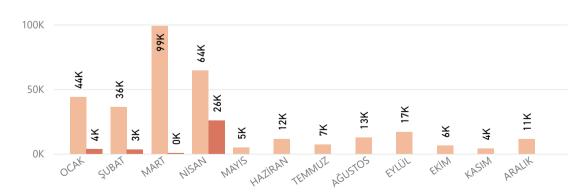
MONTHLY IMPORT QUANTITY (KG)





LAST 2 YEAR IMPORT QUANTITY (KG)

● 2021 ● 2022



When the monthly durum wheat imports are analyzed by years, it is seen that the imports decreased in 2021 and 2022 after the record imports made in 2019 and 2020.



2021 - 2022 IMPORT COMPARISON CHART

JANUARY - APRIL 2022

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	33.104.181	\$18.782.024	243.843.791	\$86.236.268	-%86,4	-%78,2
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	33.104.181	\$18.782.024	243.843.791	\$86.236.268	-%86,4	-%78,2
190219	1.024.465	\$1.952.554	1.051.440	\$1.871.375	-%2,6	%4,3
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	884.510	\$1.709.275	811.006	\$1.604.810	%9,1	%6,5
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	91.149	\$120.808	192.096	\$166.430	-%52,6	-%27,4
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	48.198	\$107.604	48.078	\$93.117	%0,2	%15,6
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	608	\$14.867	260	\$7.018	%133,8	%111,8
190230	245.245	\$551.655	202.377	\$343.559	%21,2	%60,6
190230100000 Dried pastas	222.253	\$452.194	183.760	\$300.562	%20,9	%50,4
190230900000 Other pastas	22.992	\$99.461	18.617	\$42.997	%23,5	%131,3
190220	26.315	\$135.299	74.556	\$296.356	-%64,7	-%54,3
190220990000 Other stuffed pastas	26.315	\$135.299	74.556	\$296.356	-%64,7	-%54,3
190211	250.879	\$579.348	146.405	\$272.412	%71,4	%112,7
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	68.752	\$201.181	51.416	\$143.440	%33,7	%40,3
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	182.127	\$378.167	94.989	\$128.972	%91,7	%193,2
190240	18.031	\$14.954	74	\$722	%24266,2	%1971,2
190240900000 Couscous; EXCEPT those that are not prepared	18.030	\$14.847	74	\$722	%24264,9	%1956,4
190240100000 Couscous; unprepared ones	1	\$107	0	\$0		
Total	34.669.116	\$22.015.834	245.318.643	\$89.020.692	-%85,9	-%75,3

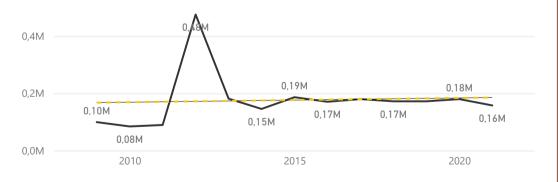
* Comparisons were made with the same period of the previous year.

TURKEY DURUM WHEAT PRODUCTION AND HARVEST AREA 2021

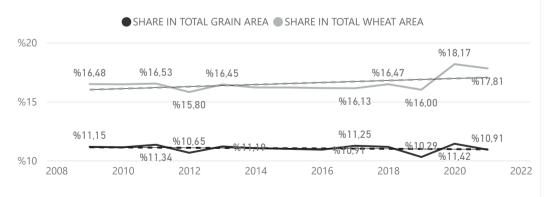


	3.150.000 157.638 TON PRODUCTION KG/DECARE (YIELD)								12.013.688 DECARE HARVEST AREA						%17,81 RATIO PER TOTAL WHEAT											
	DURUM WHEAT PRODUCTION PER YEAR												DURUM WHEAT HARVEST AREA PER YER (DECARE)							RE)						
4M 3M 2M 1M 0M	3,7M	3,5M	3,9M	3,3M	4,1M	3,3M	4,1M	3,6M	3.9M	3,5M	3,2M	4,0M	3,2M	13M 12M 11M	13, <u>4M</u>	13,3M	<u>13</u> 4M	1 91	12.8M 12.	8M 12,7	M 12.4M	12,4M	12.0M	N.M	12,6M	12.0M
UIVI —	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2009	2010	2011	2012	2013 20	14 201	5 2016	2017	2018	2019	2020	2021

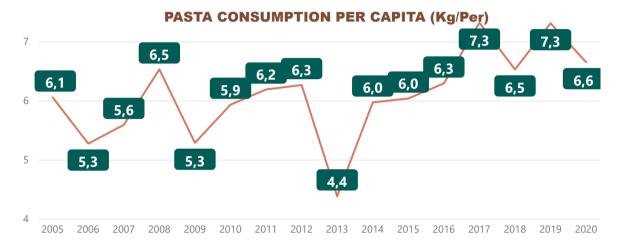
DURUM WHEAT YIELD PER YEAR (KG/DECARE)



RATIO OF DURUM WHEAT HARVEST AREA

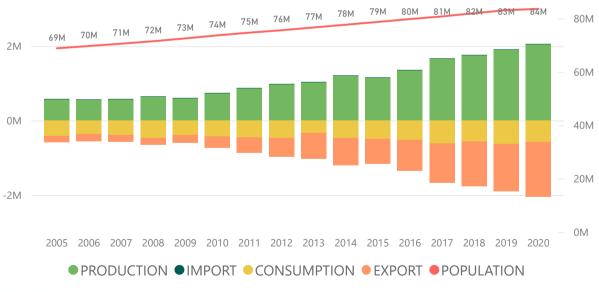


TURKEY PASTA PRODUCTION AND CONSUMPTION

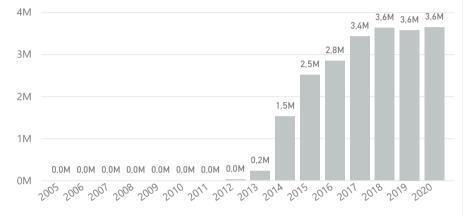


* Calculations were made with population of Turkey and additional refugee numbers.

MÜSAD



REFUGEE NUMBERS PER YEAR

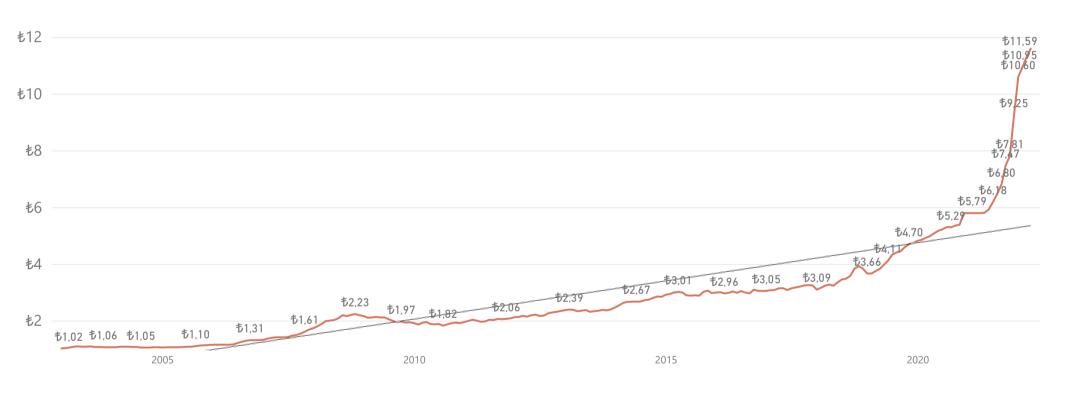


Source : Ministry of the interior and TUİK

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



2022 april pasta market price: \$\$11,59 TL/Kg



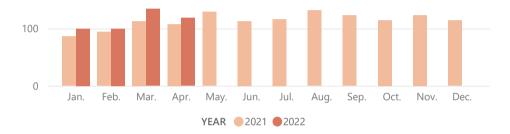
* Consumer price index pasta price

* Vat included market price



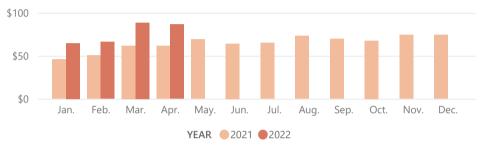
2021 - 2022 COMPARATIVE PASTA EXPORT GENERAL TRADE SYSTEM (GTS)

EXPORT QUANTITY COMPARISON (1000TONS)



Total	Dec.	Nov.	Oct.	Sep.	Aug.	Jul.	Jun.	May.	Apr.	Mar.	Feb.	Jan.	Year	
1.366	114	123	115	123	131	116	113	129	108	113	94	86	2021	
452									119	134	100	100	2022	

EXPORT VALUE COMPARISON (MILLION\$)

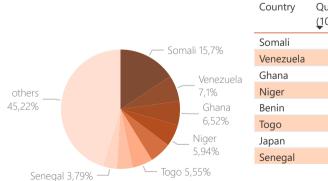


Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2021	\$46	\$51	\$62	\$61	\$69	\$64	\$65	\$73	\$70	\$68	\$74	\$74	\$777
2022	\$65	\$66	\$89	\$87									\$306



\$677

TOP 8 COUNTRIES ACCORDING TO TOTAL EXPORT QUANTITY IN 2022



Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
71	\$42	\$596
32	\$20	\$631
29	\$19	\$653
27	\$18	\$656
27	\$15	\$568
25	\$15	\$606
19	\$16	\$840
17	\$11	\$624
	(1000 Tons) 71 32 29 27 27 27 25 49 25 19	(1000 Tons) (MillionDollar) 71 \$42 32 \$20 29 \$19 27 \$18 27 \$15 25 \$15 19 \$16

2022 \$649 \$663 \$660 \$730



2021 - 2022 EXPORT COMPARISON CHART (GTS)

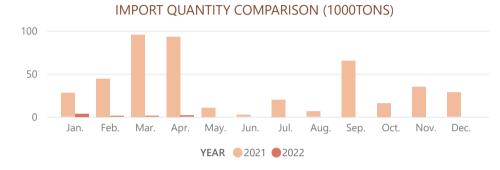
JANUARY - APRIL 2022

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	34.704.568	28.858.641	41.375.003	20.496.207	-%16,12	%40,80
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	400.010	242.004	17.496.895	6.587.676	-%97,71	-%96,33
190211	328.407.909	206.292.323	97.613.667	57.466.586	%236,44	% 258,98
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	188.289	199.554	31.276	40.232	%502,02	%396,01
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	642.989	1.030.852	4.589	4.961	%13911,53	%20679,12
190219	600.993.993	383.380.525	508.944.239	259.722.194	%18,09	%47,61
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	110.196.932	83.431.779	155.088.151	91.979.566	-%28,95	-%9,29
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	160	1.131	65.490	99.629	-%99,76	-%98,86
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	313.297.639	193.886.554	226.032.959	113.104.674	%38,61	%71,42
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	2.157.617	1.157.225	835.145	422.794	%158,35	%173,71
190220	165.377.645	104.394.191	94.505.534	58.535.764	%74,99	%78,34
190220100000 Pasta (stuffed); containing more than 20% by weight of fish, molluscs, crustaceans and other aquatic invertebrates			0	0		
190220301000 Pasta (stuffed, containing more than 20% by weight of meat and meat offal (including any fat)	31.135	74.055	175	900	%17691,43	%8128,33
190220309000 Pasta (stuffed, containing more than 20% by weight of sausages and the like (including any fat)	25.956	38.501	92	307	%28113,04	%12441,04
190220910000 Other stuffed, cooked pastas	42.476	97.930	75.491	446.078	-%43,73	-%78,05
190220990000 Other stuffed pastas	209.210	364.033	34.161	38.756	%512,42	%839,29
190230	538.789.748	346.390.691	397.488.733	205.859.154	%35,55	%68,27
190230100000 Dried pastas	14.810.449	19.014.963	5.346.722	6.319.608	%177,00	%200,89
190230900000 Other pastas	9.659.236	5.878.866	11.743.605	6.205.965	-%17,75	-%5,27
190240	121.892.924	82.771.412	152.258.253	85.379.432	-%19,94	-%3,05
190240100000 Couscous; unprepared ones	235.570	178.928	116.600	78.688	%102,03	%127,39
190240900000 Couscous; EXCEPT those that are not prepared	886.229	661.330	1.064.774	698.814	-%16,77	-%5,36
Total	604.147.987	385.242.630	508.977.028	259.765.350	%18,70	%48,30

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

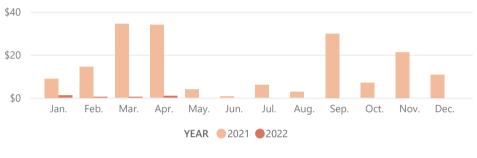


2021 - 2022 COMPARATIVE DURUM WHEAT IMPORT GENERAL TRADE SYSTEM (GTS)



Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2021	28	44	96	93	11	2	20	6	65	16	35	28	444
2022	4	1	0	2									6



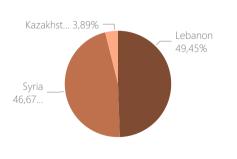


Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
2021	\$9	\$14	\$34	\$34	\$4	\$1	\$6	\$3	\$30	\$7	\$21	\$11	\$174
2022													\$2



Year	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Avg.
2021	\$321	\$327	\$359	\$364	\$361	\$292	\$305	\$441	\$457	\$436	\$604	\$382	\$391
2022	\$302	\$448	\$416	\$540									\$380

TOP 8 COUNTRIES ACCORDING TO TOTAL IMPORT QUANTITY IN 2022



Country	Quantity (1000 Tons)	Value (MillionDollar)	Unit Price (\$)
Lebanon	3	\$1	\$240
Syria	3	\$1	\$526
Kazakhstan	0	\$0	\$419
United	0	\$0	\$114.000
States			
Italy	0	\$0	
Libya	0	\$0	
Spain	0	\$0	



2021 - 2022 IMPORT COMPARISON CHART (GTS)

JANUARY - APRIL 2022

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	5.968.541	2.270.104	260.878.309	91.605.245	-%97,71	-%97,52
100119000000 Durum wheat (durum wheat); EXCEPT those of seed	5.968.541	2.270.104	260.878.309	91.605.245	-%97,71	-%97,52
190211	438.254	1.026.715	112.331	215.310	%290,15	%376,85
190211000011 Pasta; unbaked, containing only eggs and durum wheat (durum wheat) flour and semolina	31.232	90.550	42.456	122.070	-%26,44	-%25,82
190211000019 Pasta; not cooked, containing eggs but containing only durum wheat (durum wheat) flour and semolina EXCEPT	406.972	936.034	69.787	93.044	%483,16	%906,01
190219	969.021	1.900.102	1.155.640	2.054.268	-%16,15	-%7,50
190219100019 Other pasta; unbaked, not containing eggs and common wheat flour or semolina (not stuffed)	838.771	1.668.781	842.244	1.598.864	-%0,41	%4,37
190219900011 Pasta with vegetables; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	2.848	33.541	260	7.006	%995,38	%378,75
190219900012 Plain pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	23.226	49.794	62.484	141.197	-%62,83	-%64,73
190219900019 Other pasta; unbaked, not containing eggs but containing bread wheat flour or semolina (unfilled)	103.051	142.497	248.108	297.595	-%58,47	-%52,12
190220	30.479	155.870	75.695	310.229	-%59,73	-%49,76
190220990000 Other stuffed pastas	30.479	155.870	75.695	310.229	-%59,73	-%49,76
190230	280.774	489.938	223.970	387.894	%25,36	%26,31
190230100000 Dried pastas	260.904	394.695	202.264	332.199	%28,99	%18,81
190230900000 Other pastas	19.870	95.243	21.537	54.434	-%7,74	%74,97
190240	18.019	24.956	74	722	%24250,00	%3356,51
190240100000 Couscous; unprepared ones	1	107	0	0		
190240900000 Couscous; EXCEPT those that are not prepared	11.018	9.359	74	722	%14789,19	%1196,26
Total	7.804.149	5.918.972	262.496.222	94.598.866	-%97,03	-%93,74

* 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)
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)
190220301000	PASTA	Pasta (stuffed, containing more than 20% by weight of meat and meat offal (including any fat)
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

