

MAKARNA ÜRETİCİLERİ VE SANAYİCİLERİ DERNEĞİ

Pasta Producers and Industrialists Association

SECTOR REPORT

JANUARY - JULY 2020







Pasta Producers and Industrialists' Association

Sector Report

JANUARY - JULY 2020

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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.





JULY 2020

EXPORT QUANTITY (KG)

%0,3

JULY 2020

131.152.997

JULY 2019

130.798.078

(USD) %13,0

JULY 2020

\$70.966.644

JULY 2019

\$62.775.865

UNIT PRICE %12,7

JULY 2020

\$541

JULY 2019

\$480



JANUARY - JULY 2020

EXPORT QUANTITY (KG)

%13,0

2020 TOTAL

840.409.388

2019 TOTAL

743.842.895



(USD) %23,5

2020 TOTAL

\$432.588.246

2019 TOTAL

\$350.222.378

UNIT PRICE (USD/TON) %9,3

2020 TOTAL

\$515

2019 TOTAL

\$471



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

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







When pasta exports are analyzed by years, the unit export price fell from around \$700/ton to \$450/ton. Since 2011, highest yearly unit export price value was \$713/ton in 2013, lowest value was \$458/ton in 2018.

Since 2019, with increasing durum wheat costs, unit export price rose and reached to \$515/ton by July 2020. But, compared to surge in durum wheat prices, increase in unit export price in still insufficient.





JULY 2020

IMPORT - %93

JULY 2020

6.210.795

JULY 2019

83.133.443



IMPORT VALUE - %94

JULY 2020

\$1.318.772

JULY 2019

\$22.697.785

\$136.830.096



\$212

JULY 2019

\$273



JANUARY - JULY 2020

IMPORT QUANTITY (KG)

%78

2020 TOTAL

885.769.559

2019 TOTAL

496.262.656



IMPORT VALUE (USD) 94

2020 TOTAL

\$264.779.083

2019 TOTAL

UNIT PRICE (USD/TON) %8,4

2020 TOTAL
\$299

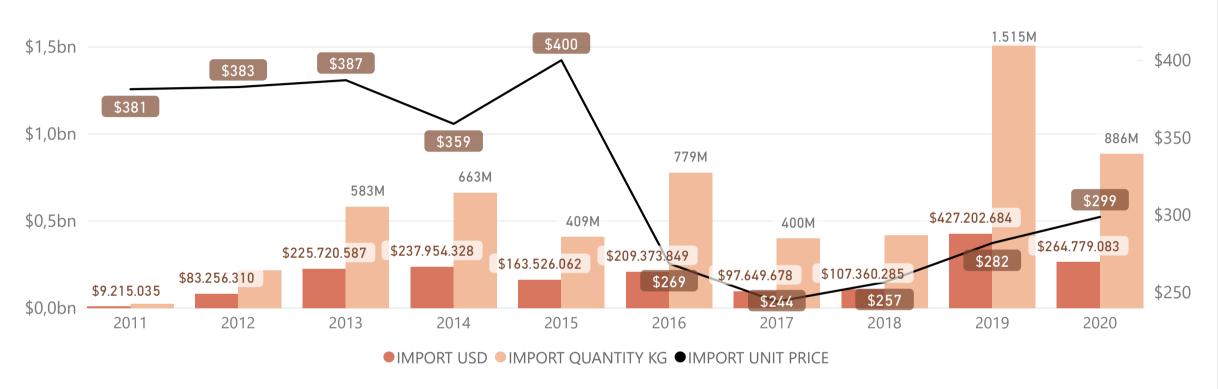
2019 TOTAL
\$276

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

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







Durum Wheat Imports by years shows us that, compared to other years, durum wheat imports in 2019 and 2020 comes to the fore. Also, compared to 2016, durum wheat imports in 2019 are two times higher in terms of quantity and value.

Import Unit Value was around \$400/ton between 2011 – 2015, then it fell sharply to \$250/ton in 2016. After 2018 it began increasing again and reached above \$300 level in 2020.





In July 2020, compared to July 2019, Pasta Exports increased 0.3% and reached 131.1 thousand tons in quantity; increased 13% and reached \$70.96 million in value.

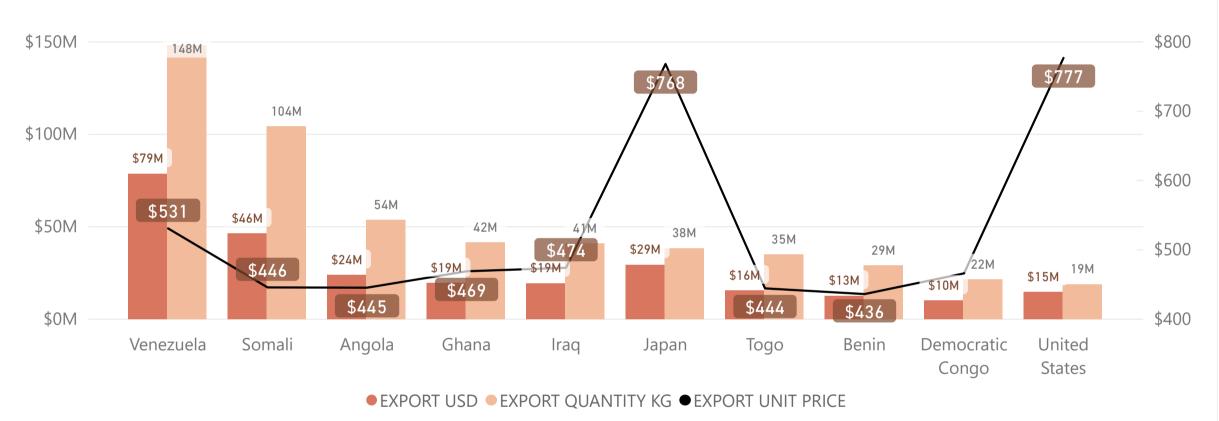
In the first seven months of 2020, compared to same period of the previous year, pasta exports increased 13% and reached 840.4 thousand tons in quantity; increased by 23.5% and reached \$432.6 million in value.

Average unit price per ton was \$480 in July 2019. It increased 12.7% and reached to \$541 in July 2020.

Compared to same period of the previous year, in the first seven months of 2020, average price per ton increased 9.3% and reached \$515/ton.



PASTA EXPORT BY COUNTRY JANUARY - JULY 2020

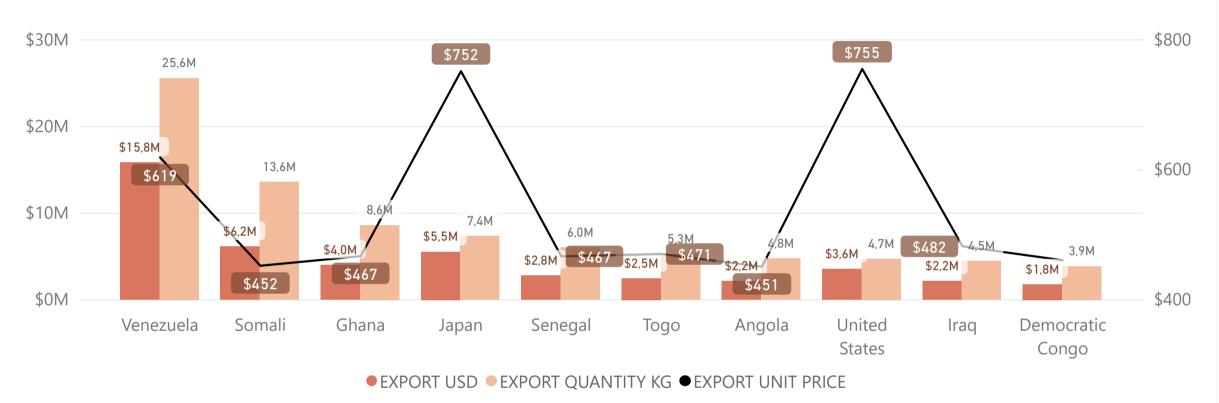


In the first seven months of 2020, biggest importer was Venezuela with 148.2 thousand tons, followed by Somalia and Angola. In terms of value, biggest importer is still Venezuela. Japan, which took the 6th place on quantity of imports, is on the 3th place in terms of value.

On the basis of unit price amongst top 10 countries we export to in 2020, USA ranked first with \$777/ton. Benin was on the last place on the basis of unit price with \$436/ton.



PASTA EXPORT BY COUNTRY JULY 2020



In July 2020, biggest importer in terms of quantity was Venezuela with 25.6 thousand tons, followed by Somalia and Ghana.

In July 2020, among the top 10 countries we export to on the basis of unit price, USA ranked 1st with \$755/ton, followed by Japan (\$752/ton) and Venezuela (\$619/ton) respectively. Angola had the lowest price with \$451/ton.

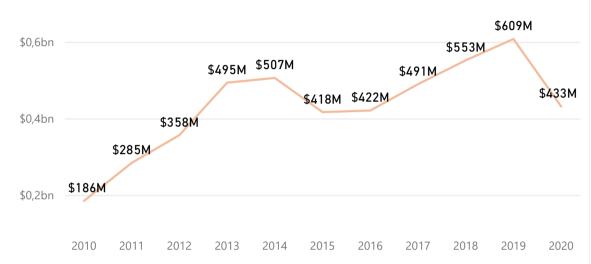


PASTA EXPORT VALUE BY YEARS (USD)

MONTHLY EXPORT VALUE (USD)



YEARLY EXPORT VALUE (USD)



MONTHLY EXPORT UNIT PRICE (USD/TON)



When pasta exports are analyzed by years, \$70.96 million worth of exports were made in July 2020 is the highest monthly export value.

Also, when pasta exports are analyzed on the basis of unit price, highest value of the recent years has been observed in July 2020, with \$541/ton.

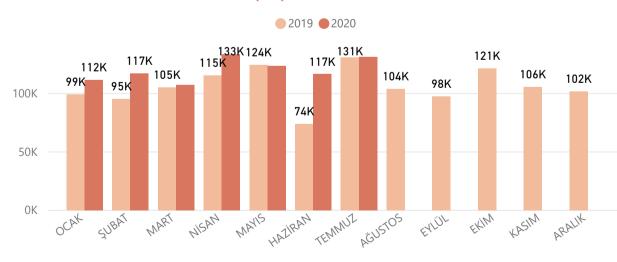




MONTHLY EXPORT QUANTITY (KG) 131M 131M 102M 96M 100M 85M 84M 74M 72M 54M 50M 36M 31M 2010 2016 2018 2020 JULY 2020

YEARLY EXPORT QUANTITY (KG) 1.274M 1.207M 1.055M 1,0bn 831M 840M 735M 693M 671M 506M 0,5bn 404M 297M

LAST 2 YEAR EXPORT QUANTITY (KG)



Considering the monthly exports by years, highest amount of exports was made in April 2020 (133 tons). July 2020 became the second highest month, with an export of 131.2 tons.

Total exports in the first seven months of 2020, is higher 12 months total of all years between 2010 and 2016. Data shows us that exports continued despite ongoing pandemic.



2019 - 2020 EXPORT COMPARISON CHART

JANUARY - JULY 2020

| 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 | 35.565.650 | \$12.020.329 | 10.472.830 | \$3.644.112 | %239,6 | %229,9 |
| Durum wheat (excl. seed for sowing) | 35.565.650 | \$12.020.329 | 10.472.830 | \$3.644.112 | %239,6 | %229,9 |
| 190211 | 3.408.198 | \$3.407.443 | 1.209.319 | \$1.061.428 | %181,8 | %221,0 |
| Uncooked pasta, containing common wheat flour or meal or eggs | 1.923.586 | \$2.494.937 | 408.675 | \$488.125 | %370,7 | %411,1 |
| Uncooked pasta, not stuffed containing eggs (Excl. phenylketonuria pt.), others | 1.484.612 | \$912.506 | 800.644 | \$573.303 | %85,4 | %59,2 |
| 190219 | 795.817.926 | \$406.695.819 | 708.080.645 | \$332.850.319 | %12,4 | %22,2 |
| Low protein pasta for phenylketonuria patients | 5.000 | \$9.255 | | | | |
| Uncooked pasta, not stuffed or otherwise prepared | 336.853.410 | \$154.369.191 | 94.466.566 | \$41.191.900 | %256,6 | %274,8 |
| Uncooked pasta, not stuffed or otherwise prepared, containing vegetables | 275.667 | \$427.236 | 122.161 | \$305.762 | %125,7 | %39,7 |
| Uncooked pasta, not stuffed or otherwise prepared, not containing common wheat flour or meal or eggs (Excl. fenilketonüri pt.) | 454.484.728 | \$249.844.632 | 611.017.277 | \$289.958.205 | -%25,6 | -%13,8 |
| Uncooked pasta, not stuffed, others | 4.199.121 | \$2.045.505 | 2.474.641 | \$1.394.452 | %69,7 | %46,7 |
| 190220 | 614.641 | \$761.164 | 195.688 | \$301.532 | %214,1 | %152,4 |
| Cooked pasta, cooked, stuffed with meat or other substances | 18.530 | \$55.385 | 11.947 | \$47.782 | %55,1 | %15,9 |
| Cooked pasta, stuffed with meat or other substances, others | 436.998 | \$562.665 | 173.643 | \$230.277 | %151,7 | %144,3 |
| Pasta, stuffed with meat, containing > 20% by weight of meat and meat offal of any kind | 12.411 | \$35.057 | 6.978 | \$14.686 | %77,9 | %138,7 |
| Pasta, stuffed with meat, containing > 20% by weight of sausages and the like | 1.092 | \$2.036 | 3.072 | \$7.387 | -%64,5 | -%72,4 |
| Pasta, stuffed, containing > 20% by weight of fish, etc | 145.610 | \$106.021 | 48 | \$1.400 | %303254,2 | %7472,9 |
| 190230 | 40.255.354 | \$21.529.288 | 34.137.864 | \$15.872.121 | %17,9 | %35,6 |
| Pasta, dried | 4.816.318 | \$4.256.871 | 2.530.327 | \$3.325.455 | %90,3 | %28,0 |
| Pasta, others | 35.439.036 | \$17.272.417 | 31.607.537 | \$12.546.666 | %12,1 | %37,7 |
| 190240 | 313.269 | \$194.532 | 219.379 | \$136.978 | %42,8 | %42,0 |
| Couscous unprepared | 270.768 | \$155.853 | 143.934 | \$84.000 | %88,1 | %85,5 |
| Couscous, cooked or otherwise prepared | 42.501 | \$38.679 | 75.445 | \$52.978 | -%43,7 | -%27,0 |
| Total | 875.975.038 | \$444.608.575 | 754.315.725 | \$353.866.490 | %16,1 | %25,6 |

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





WORLD PASTA (1902) EXPORT IN 2019 (USD)

9.741.092

WORLD PASTA (1902) EXPORT IN 2019 (TON)

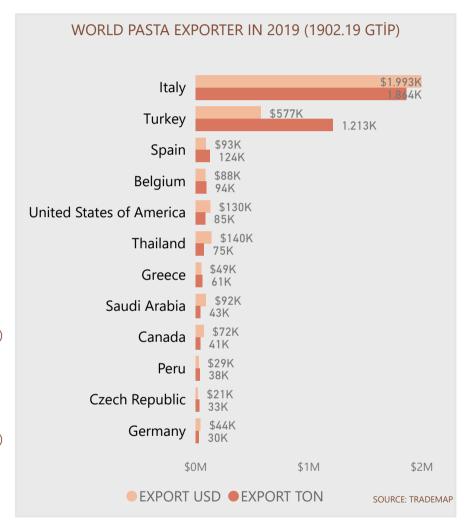
6.846.680

WORLD PASTA (1902.19) EXPORT IN 2019 (USD)

4.121.601

WORLD PASTA (1902.19) EXPORT IN 2019 (TON)

4.312.255



| COUNTRY | EXPORT TON ▼ | EXPORT SHARE | UNIT PRICE (\$/TON) |
|--------------------|--------------|-----------------|---------------------|
| taly | 1.863.639 | %43,2 | \$1.070 |
| Turkey | 1.212.773 | %28,1 | \$47! |
| Spain | 124.262 | %2,9 | \$744 |
| Belgium | 93.767 | %2,2 | \$930 |
| Greece | 61.168 | %1,4 | \$79! |
| Saudi Arabia | 43.199 | %1,0 | \$2.12 ⁻ |
| Peru | 37.505 | %0,9 | \$77 |
| Czech Republic | 32.560 | %0,8 | \$650 |
| Latvia | 28.904 | %0,7 | \$61 ⁻ |
| Russian Federation | 27.030 | %0,6 | \$75 |
| ndonesia | 27.022 | %0,6 | \$1.259 |
| Guatemala | 24.426 | %0,6 | \$900 |
| Egypt | 23.591 | %0,5 | \$490 |
| Argentina | 23.353 | %0,5 | \$584 |
| Poland | 20.644 | %0,5 | \$1.050 |

According to Trademap data, in 2019, Turkey ranked in 2nd place after Italy in 1902.19 GTIP pasta exports, with 28,1% (2018-%26,9) market share. But, among the countries exporting more than 20 thousand tons, ranked last with an export value of \$475/ton.





WORLD PASTA (1902) IMPORT IN 2019 (USD)

9.741.092

WORLD PASTA (1902) IMPORT IN 2019 (TON)

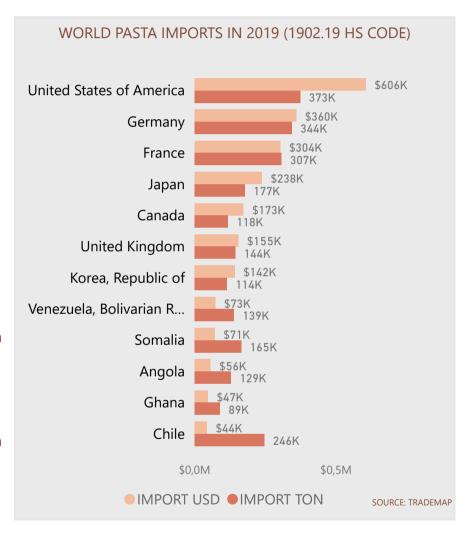
6.887.407

WORLD PASTA (1902.19) IMPORT IN 2019 (USD)

4.268.211

WORLD PASTA (1902.19) IMPORT IN 2019 (TON)

4.276.378

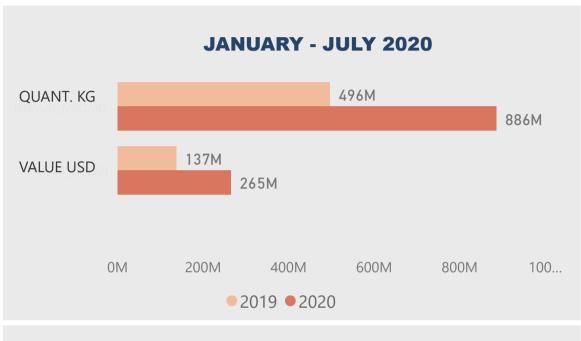


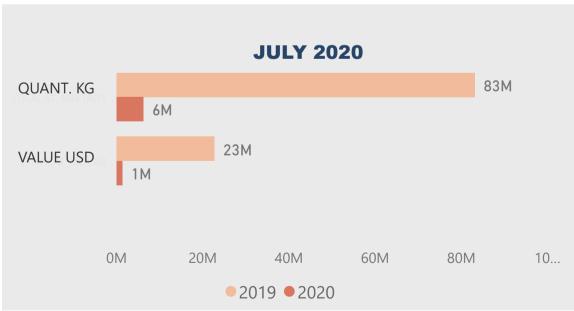
| UNIT IMPORT PRICE OF COUNTRIES OVER 55K IMPORT QUANT. (\$/TON) | | | | |
|--|--------------|--------------|-----------------------------|--|
| COUNTRY | IMPORT TON ▼ | IMPORT SHARE | UNIT PRICE (\$/TON) | |
| United States of America | 373.442 | %8,7 | \$1.622 | |
| Germany | 343.571 | %8,0 | \$1.048 | |
| France | 307.021 | %7,2 | \$990 | |
| Chile | 246.039 | %5,8 | \$180 | |
| Japan | 176.939 | %4,1 | \$1.348 | |
| Somalia | 164.685 | %3,9 | \$430 | |
| United Kingdom | 143.824 | %3,4 | \$1.077 | |
| Venezuela, Bolivarian Republic of | 138.906 | %3,2 | \$527 | |
| Angola | 128.702 | %3,0 | \$438 | |
| Canada | 117.695 | %2,8 | \$1.469 | |
| Korea, Republic of | 114.169 | %2,7 | \$1.240 | |
| Ghana | 89.111 | %2,1 | \$533 | |
| Netherlands | 87.531 | %2,0 | \$1.187 | |
| Togo | 76.945 | %1,8 | \$429 | |
| Belgium | 70.640 | %1,7 | \$1.176 | |
| Saudi Arabia | 58.166 | %1,4 | \$1.084 | |
| Russian Federation | 55.031 | %1,3 | \$1.114 SOURCE: TRADEMAP | |

According to Trademap data, in 2019, USA ranked first with 8.7% share in 1902.19 GTIP pasta imports. Germany (343K tons) and France (307K tons) followed USA, respectively. Somalia, which Turkey exported 163 tons of pasta in 2019, is the sixth largest importer country.









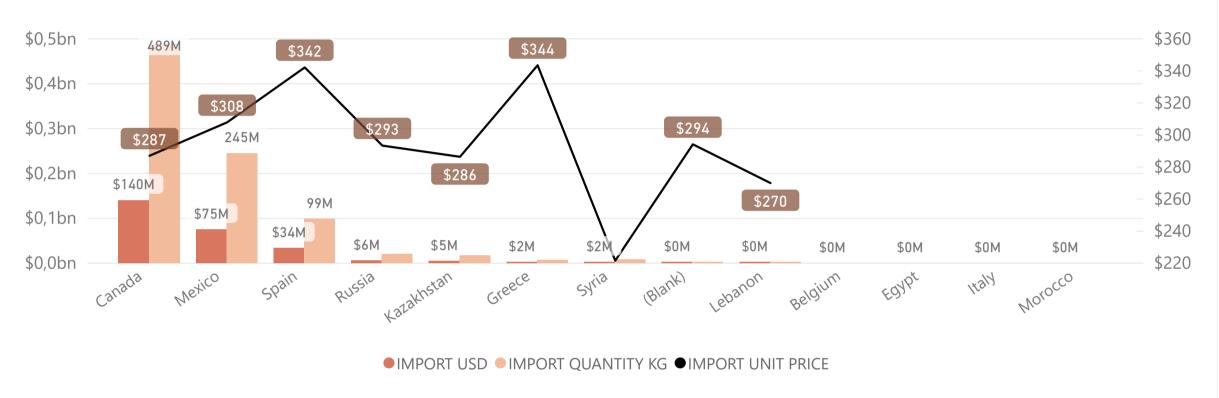
In July 2020, compared to July 2019, durum wheat imports decreased 92.5% and fell to 6.2 thousand tons; in terms of value, decreased by 94.2% to \$1.3 million.

In the first seven months 2020, compared to same period of the previous year, amount of durum wheat imports increased 78%, value of durum wheat imports increased 94%.

Average unit price per ton was \$273/ton in July 2019. In July 2020, it decreased by 22.2% and reached \$212/ton. In the first seven months of 2020, average unit price was \$299/tons.



DURUM WHEAT IMPORT BY COUNTRY **JANUARY - JULY 2020**



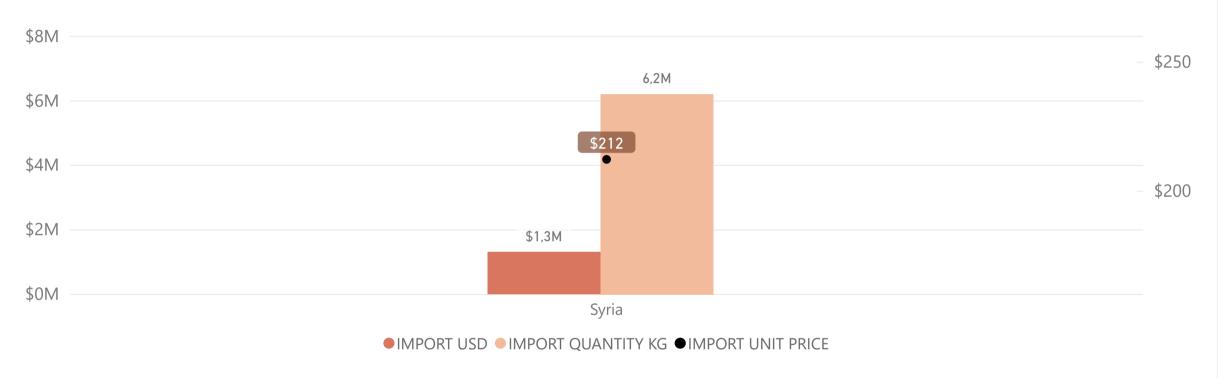
In the first seven months of 2020, biggest importer of durum wheat was Canada with 489.2 thousand tons (\$140.4 million), followed by Mexico and Spain.

In the first seven months of 2020, average unit price of durum wheat imported by Canada was \$287/ton. Lowest price amongst top 10 exporter countries belonged to Syria with \$222/ton, while the highest unit price belongs to Greece with \$344/ton.



DURUM WHEAT IMPORT BY COUNTRY





In July 2020, Syria was the only country imported durum wheat. Syria imported 6,2 thousand tons of durum wheat (\$1,3 million), with \$212/ton average unit price.



DURUM WHEAT IMPORT VALUE (USD)

MONTHLY IMPORT VALUE (USD) \$116M \$100M \$90M \$72M \$69M \$51M \$45M \$47M \$50M \$41M \$40M \$34M \$33M \$32M \$31M \$26M \$25M \$25M \$24M \$19M \$20M \$10M \$5M \$1M \$0M 2014 2018 2010 2012 2016 2020 JULY 2020

YEARLY IMPORT VALUE (USD)



MONTHLY IMPORT UNIT PRICE (USD/TON)



When the monthly import values are analyzed by years, it is seen that imports in January 2020 (\$116 million) is the highest monthly import ever.

Also, unit value of import past \$300 level in May 2020, reaching the highest value in last 4 years. The value of imports made in the first seven months of 2020 has already past the 12 months total of all years, except 2019.

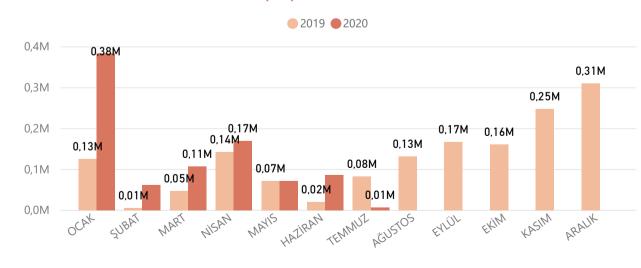


DURUM WHEAT IMPORT QUANTITY (KG)

MONTHLY IMPORT QUANTITY (KG) 0.4bn 384M 310M 0,3bn 248M 0,2bn 167M 144M 131M 126M 121M 107M 103M 101M 90M 83M 0,1bn 72M 55M 53M 41M 23M 0,0bn 2012 2014 2016 2018 2020 2010 **JULY 2020**



LAST 2 YEAR IMPORT QUANTITY (KG)



From data, it is seen that record high Durum Wheat imports in 2019 continues in 2020. Imports in January 2020 (384 thousand tons) is the highest amount of import at all times. Imports in the first seven months of 2020 is more than the amounts of 12 months total of all years, except 2019.



2019 - 2020 IMPORT COMPARISON CHART

JANUARY - JULY 2020

| 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 | 885.769.559 | \$264.779.083 | 496.262.656 | \$136.830.096 | %78,5 | %93,5 |
| Durum wheat (excl. seed for sowing) | 885.769.559 | \$264.779.083 | 496.262.656 | \$136.830.096 | %78,5 | %93,5 |
| 190219 | 2.720.112 | \$3.652.136 | 1.655.409 | \$2.812.465 | %64,3 | %29,9 |
| Uncooked pasta, not stuffed or otherwise prepared, not containing common wheat flour or meal or eggs (Excl. fenilketonüri pt.) | 2.220.852 | \$2.949.130 | 1.436.985 | \$2.321.152 | %54,5 | %27,1 |
| Uncooked pasta, not stuffed, others | 209.990 | \$353.027 | 113.331 | \$184.972 | %85,3 | %90,9 |
| Uncooked pasta, not stuffed or otherwise prepared | 285.916 | \$331.813 | 79.859 | \$183.117 | %258,0 | %81,2 |
| Uncooked pasta, not stuffed or otherwise prepared, containing vegetables | 3.354 | \$18.166 | 25.234 | \$123.224 | -%86,7 | -%85,3 |
| Low protein pasta for phenylketonuria patients | 0 | \$0 | | | | |
| 190211 | 179.555 | \$324.819 | 748.541 | \$1.099.533 | -%76,0 | -%70,5 |
| Uncooked pasta, not stuffed containing eggs (Excl. phenylketonuria pt.), others | 60.213 | \$75.794 | 519.928 | \$663.218 | -%88,4 | -%88,6 |
| Uncooked pasta, containing common wheat flour or meal or eggs | 119.342 | \$249.025 | 228.613 | \$436.315 | -%47,8 | -%42,9 |
| 190230 | 262.556 | \$456.448 | 333.134 | \$1.062.414 | -%21,2 | -%57,0 |
| Pasta, dried | 193.001 | \$357.453 | 286.297 | \$973.687 | -%32,6 | -%63,3 |
| Pasta, others | 69.555 | \$98.995 | 46.837 | \$88.727 | %48,5 | %11,6 |
| 190220 | 301.667 | \$586.876 | 190.931 | \$657.530 | %58,0 | -%10,7 |
| Cooked pasta, stuffed with meat or other substances, others | 300.136 | \$565.938 | 87.711 | \$348.597 | %242,2 | %62,3 |
| Cooked pasta, cooked, stuffed with meat or other substances | 0 | \$0 | 103.220 | \$308.933 | -%100,0 | -%100,0 |
| Pasta, stuffed, containing > 20% by weight of fish, etc | 1.531 | \$20.938 | 0 | \$0 | | |
| 190240 | 530 | \$2.212 | 63.568 | \$43.407 | -%99,2 | -%94,9 |
| Couscous unprepared | 0 | \$0 | 60.000 | \$36.050 | -%100,0 | -%100,0 |
| Couscous, cooked or otherwise prepared | 530 | \$2.212 | 3.568 | \$7.357 | -%85,1 | -%69,9 |
| 100111 | 1.500 | \$2.448 | | | | |
| Durum wheat seed for sowing | 1.500 | \$2.448 | | | | |
| Total | 889.235.479 | \$269.804.022 | 499.254.239 | \$142.505.445 | %78,1 | %89,3 |

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



TURKEY DURUM WHEAT PRODUCTION AND HARVEST AREA

3.150.000

TON PRODUCTION

288

KG/DECARE (YIELD)

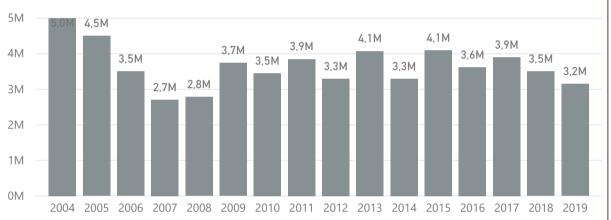
10.955.635

DECARE HARVEST AREA

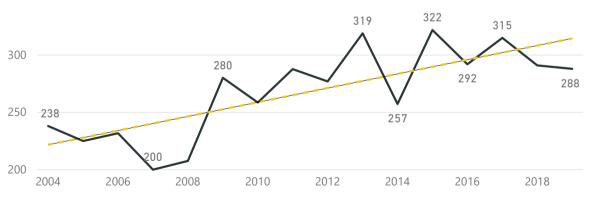
%16,0

RATIO PER TOTAL WHEAT

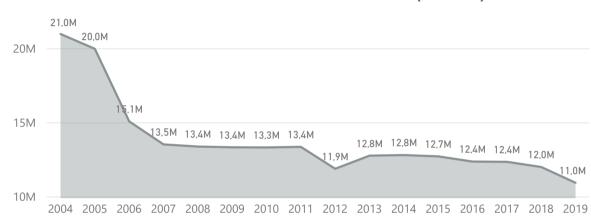




DURUM WHEAT YIELD PER YEAR (KG/DECARE)

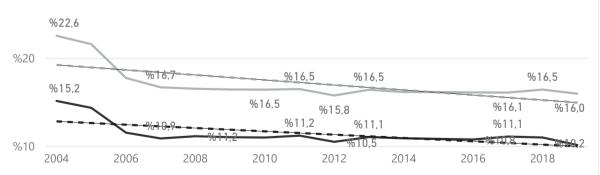


DURUM WHEAT HARVEST AREA PER YER (DECARE)



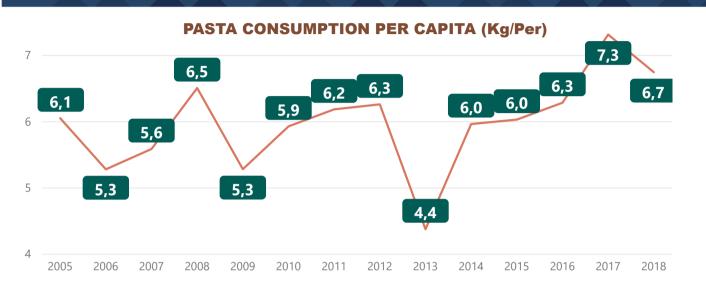
RATIO OF DURUM WHEAT HARVEST AREA

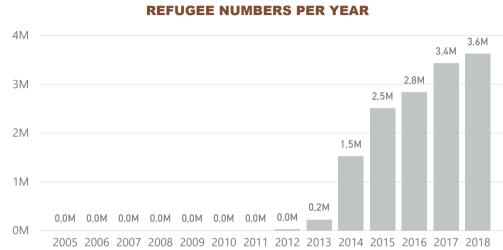
● SHARE IN TOTAL GRAIN AREA ● SHARE IN TOTAL WHEAT AREA



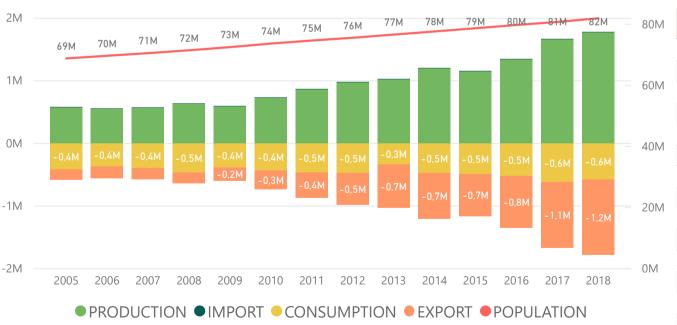


TURKEY PASTA PRODUCTION AND CONSUMPTION





Source: Ministry of the interior and TUİK

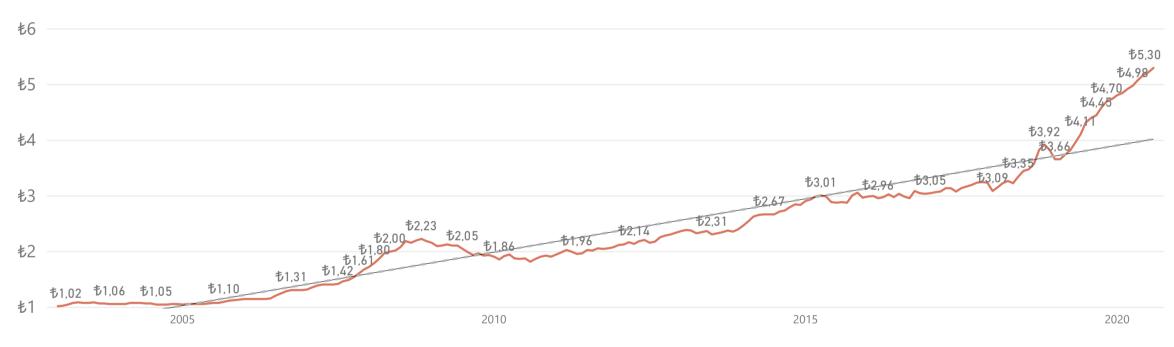


* Calculations were made with population of Turkey and additional refugee numbers.

| Year | Product. (Ton) | Import (Ton) | Export (Ton) | Consumption (Ton) |
|------|----------------|--------------|--------------|-------------------|
| 2005 | 580.516 | 735 | 164.413 | 416.838 |
| 2006 | 558.517 | 1.000 | 191.196 | 368.321 |
| 2007 | 571.292 | 1.193 | 177.971 | 394.513 |
| 2008 | 640.985 | 154 | 175.614 | 465.525 |
| 2009 | 595.160 | 1.784 | 213.516 | 383.428 |
| 2010 | 732.411 | 2.082 | 297.309 | 437.184 |
| 2011 | 863.968 | 2.462 | 404.064 | 462.366 |
| 2012 | 976.644 | 2.709 | 505.613 | 473.740 |
| 2013 | 1.026.431 | 3.390 | 693.212 | 336.609 |
| 2014 | 1.202.516 | 5.329 | 735.286 | 472.559 |
| 2015 | 1.158.069 | 4.143 | 672.105 | 490.107 |
| 2016 | 1.347.649 | 3.384 | 831.370 | 519.662 |
| 2017 | 1.667.267 | 4.289 | 1.055.256 | 616.300 |
| 2018 | 1.780.857 | 3.648 | 1.206.665 | 577.840 |



2020 july pasta market price: **老5,30** TL/Kg



^{*} Consumer price index pasta price

^{*} Vat included market price



PASTA AND DURUM WHEAT HS12CODE TABLE

| HS12 CODE | CATEGORY | CUSTOM NAME |
|--------------|----------------|--|
| 100111000000 | DURUM FOR SEED | Durum wheat seed for sowing |
| 100119000000 | DURUM WHEAT | Durum wheat (excl. seed for sowing) |
| 190211000011 | PASTA | Uncooked pasta, containing common wheat flour or meal or eggs |
| 190211000019 | PASTA | Uncooked pasta, not stuffed containing eggs (Excl. phenylketonuria pt.), others |
| 190219100000 | PASTA | Uncooked pasta, not stuffed or otherwise prepared, not containing common wheat flour or meal or eggs |
| 190219900011 | PASTA | Uncooked pasta, not stuffed or otherwise prepared, containing vegetables |
| 190219900012 | PASTA | Uncooked pasta, not stuffed or otherwise prepared |
| 190219900013 | PASTA | Low protein pasta for phenylketonuria patients |
| 190219900019 | PASTA | Uncooked pasta, not stuffed, others |
| 190220100000 | PASTA | Pasta, stuffed, containing > 20% by weight of fish, etc |
| 190220301000 | PASTA | Pasta, stuffed with meat, containing > 20% by weight of meat and meat offal of any kind |
| 190220309000 | PASTA | Pasta, stuffed with meat, containing > 20% by weight of sausages and the like |
| 190220910000 | PASTA | Cooked pasta, cooked, stuffed with meat or other substances |
| 190220990000 | PASTA | Cooked pasta, stuffed with meat or other substances, others |
| 190230100000 | PASTA | Pasta, dried |
| 190230900000 | PASTA | Pasta, others |
| 190240100000 | PASTA | Couscous unprepared |
| 190240900000 | PASTA | Couscous, cooked or otherwise prepared |

















