YTD Inventory / Shipment Report In-Shell Basis Crop: 2018

| 3rd Marketing Month | YTD |
|-----------------------------|--------|
| Carry in from previous year | 35,000 |
| Total Production | 52,000 |
| Gross Inventory | 87,000 |
| Domestic Consumption | 3,600 |
| Export Shipments | 11,400 |
| Adjustment/losses, Export | 1,300 |
| Total Consumption | 16,300 |
| Ending Inventory | 70,700 |

Marketing Comments:

- 1. According to Iran Pistachio Association's post-harvest estimate, 2018 crop has yielded 52,000 MT of in-shell pistachios with the 2017 estimated carry-over of 35,000 MT. Thus, Iran's gross inventory at the beginning of current marketing year has been around 87,000 MT of pistachios.
- **2.** 2018 year-to-date export shipments (as of 1 December) stay at 13,000 MT, a decrease of 65,000 MT compared to last year. Limited supply, the price mismatch between domestic and the global market and the enforcement of foreign exchange regulation by the government are the main contributing factors to export decrease this year.
- 3. India has been the main market for Iranian pistachios through November, with the demand covering the Diwali festival. Exports to the Far East amount to 3,000 MT, a 93% decline compared to the average amount of the past four years (2014-2017: 43,000 MT) during the same period. Shipments to the EU-15 have dropped by 88% compared to the average amount of the past four years (2014-2017: 6,000 MT). Exports to the Middle East countries have also dropped by 80% compared to the average amount of the past four years (2014-2017: 5,000 MT) during the same period.

Note: Adjustments/Losses related to shelling and peeling process of kernels and green kernels.

Source: Export Shipments based on IRI Customs Administration data. All other figures are IPA estimtes.

| Monthly and YTD Export Shipmer Years In-Shell Bas | • | d to Last 4 |
|---|---------|-------------|
| Marketing Mont | th: 3 | |
| Crop | Monthly | YTD |
| 2018 | 3,211 | 11,422 |
| 2017 | 25,158 | 75,132 |
| 2016 | 18,134 | 65,918 |
| 2015 | 21,887 | 60,919 |

Monthly Market Prices FCA Hamburg Iranian Dried In-Shell 28/30 Fandoghi Pistachios

| Marketing Mo | nth: 3 | Crop: 2018 |
|--------------|--------|------------|
| Mean | | |
| Min. | | USD |
| Max. | | per Ton |
| Last Year | | |

Note: The above prices are related to EU-cleared quality pistachios.

Source: OMNITRADE / EUROFOOD GmbH

Monthly Market Prices FCA Tehran Iranian Dried In-Shell 30/32 Fandoghi Pistachios

| Marketing Mo | nth: 3 | Crop: 2018 |
|--------------|--------|-------------|
| Mean | | |
| Min. | | IRR |
| Max. | | per Kilo |
| Last Year | | |

Note: The above prices are based on 4 months payment terms and Iranian local market standard quality pistachios.

Source: IPA Bi-Weekly Market Survey, Several Sources

Monthly Exchange Rate

| Marketing Mo | onth: 3 | Crop: 2018 |
|--------------|---------|------------|
| Mean | | 1 USD |
| Min. | | to to |
| Max. | | IRR |
| Last Year | | INK |

Note:The above rates might be significantly less than open market rates.

Source: http://www.sanarate.ir/

Monthly and YTD Export Shipments - Product / Destination Breakdown in Tons

Crop: 2018

Marketing Month: 3

| Product | Open | In-Shell | Closed | l Shell | Ker | nel | GPPK & | Split K. | Oth | ners | To | tal |
|---------------------|---------|----------|---------|---------|---------|-----|---------|----------|---------|------|---------|--------|
| Destination | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| Indian Subcontinent | 560 | 2,631 | - | - | 106 | 185 | - | - | 23 | 97 | 690 | 2,914 |
| Far East | 377 | 2,233 | 72 | 291 | 12 | 23 | 8 | 20 | - | - | 469 | 2,566 |
| CIS | 517 | 1,772 | - | - | 13 | 13 | 0 | 2 | 103 | 148 | 634 | 1,935 |
| Re-Export Markets | 337 | 987 | - | - | 185 | 303 | 11 | 28 | 34 | 71 | 566 | 1,389 |
| Middle East | 319 | 1,186 | - | - | 129 | 167 | 4 | 4 | 0 | 0 | 452 | 1,357 |
| EU15 | 125 | 370 | - | 40 | 26 | 104 | 86 | 207 | - | 1 | 238 | 721 |
| Other Europe | 140 | 406 | - | - | - | 4 | - | 0 | - | 1 | 140 | 410 |
| North America | 23 | 23 | - | - | - | 29 | - | - | - | 28 | 23 | 81 |
| North Africa | - | 25 | - | - | - | - | - | - | - | - | - | 25 |
| Other | - | 23 | - | - | - | - | - | 0 | - | - | - | 24 |
| Total | 2,398 | 9,656 | 72 | 331 | 471 | 829 | 109 | 262 | 161 | 345 | 3,211 | 11,422 |

Compiled by: IPA based on IRI Customs Administration raw data

| Product | Open Ir | n-Shell | Closed | Shell | Kernel | | GPPK & Split K. | | Others | | Total | |
|--------------|---------|---------|---------|-------|---------|------|-----------------|------|---------|------|---------|------|
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| EU15 | | | | | | | | | | | | |
| Austria | - | - | - | - | - | - | - | - | - | - | - | - |
| Belgium | - | - | - | - | - | - | - | - | - | - | - | - |
| Denmark | - | - | - | - | - | - | - | - | - | - | - | - |
| Finland | - | - | - | - | - | - | - | - | - | - | - | - |
| France | - | 0 | - | - | - | - | - | 22 | - | - | - | 22 |
| Germany | 43 | 167 | - | 20 | 26 | 89 | 86 | 164 | - | - | 156 | 44(|
| Greece | 80 | 100 | - | - | - | - | - | - | - | - | 80 | 100 |
| Ireland | - | - | - | - | - | - | - | - | - | - | - | - |
| Italy | 0 | 88 | - | 20 | - | 1 | - | 12 | - | - | 0 | 121 |
| Luxembourg | - | - | - | - | - | - | - | - | - | - | - | - |
| Netherland | - | - | - | - | - | 14 | - | - | - | - | - | 14 |
| Portugal | - | - | - | - | - | - | - | - | - | - | - | - |
| Spain | - | 12 | - | - | - | - | - | 10 | - | - | - | 22 |
| Sweden | - | - | - | - | - | - | - | - | - | - | - | - |
| UK | 2 | 2 | - | - | - | - | 0 | 0 | - | - | 2 | 2 |
| EEC | - | - | - | - | - | - | - | - | - | - | - | - |
| EU15 - Total | 125 | 370 | - | 40 | 26 | 104 | 86 | 207 | - | - | 238 | 721 |
| EU15 - % | 5.2% | 3.8% | 0.0% | 12.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 7.4% | 6.39 |

| Marketing Month: 3 Product | Open In | -Shell | Closed | Shell | Kerr | nel | GPPK & | Split K. | Othe | ers | Tota | al |
|-----------------------------|---------|--------|---------|-------|---------|------|---------|----------|---------|------|---------|------|
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| Other Europe | | | | | | | | | | | | |
| Albania | 10 | 10 | - | - | - | - | - | - | - | - | 10 | 10 |
| Belarus | - | - | - | - | - | - | - | - | - | - | - | - |
| Bosnia | - | - | - | - | - | - | - | - | - | - | - | - |
| Bulgaria | - | 10 | - | - | - | 4 | - | - | - | - | - | 14 |
| Croatia | - | - | - | - | - | - | - | - | - | - | - | - |
| Cyprus | - | - | - | - | - | - | - | - | - | - | - | - |
| Czech Republic | 0 | 0 | - | - | - | 0 | - | - | - | - | 0 | 0 |
| Estonia | - | - | - | - | - | - | - | - | - | - | - | - |
| Hungry | - | - | - | - | - | - | - | - | - | - | - | - |
| Iceland | - | - | - | - | - | - | - | - | - | - | - | - |
| Kosovo | - | - | - | - | - | - | - | - | - | - | - | - |
| Latvia | - | - | - | - | - | - | - | - | - | - | - | - |
| Lithuania | - | 20 | - | - | - | - | - | - | - | - | - | 20 |
| Macedonia | - | 4 | - | - | - | - | - | - | - | - | - | 4 |
| Malta | - | - | - | - | - | - | - | - | - | - | - | - |
| Moldova | - | - | - | - | - | - | - | - | - | - | - | - |
| Montenegro | - | - | - | - | - | - | - | - | - | - | - | - |
| Norway | - | - | - | - | - | - | - | - | - | - | - | - |
| Poland | 42 | 90 | - | - | - | - | - | - | - | - | 42 | 90 |
| Romania | - | - | - | - | - | - | - | - | - | - | - | - |
| Serbia | - | - | - | - | - | - | - | - | - | - | - | - |
| Slovakia | 60 | 236 | - | - | - | - | - | - | - | - | 60 | 236 |
| Slovenia | - | - | - | - | - | - | - | - | - | - | - | - |
| Switzerland | - | 1 | - | - | - | - | - | 0 | - | - | - | 2 |
| Ukraine | 29 | 35 | - | - | - | - | - | - | - | - | 29 | 35 |
| Other Europe - Total | 140 | 406 | - | - | - | 4 | - | 0 | - | - | 140 | 410 |
| Other Europe - % | 5.9% | 4.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.4% | 3.6% |

| Product | Open Ir | n-Shell | Closed | Shell | Kerr | nel | GPPK & | Split K. | Othe | ers | Tota | al |
|----------------------|---------|---------|---------|-------|---------|------|---------|----------|---------|------|---------|-------|
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| | | | | | | | | | | | | |
| CIS | | | | | | | | | | | | |
| Armenia | 46 | 269 | - | - | - | - | 0 | 0 | 44 | 44 | 90 | 313 |
| Azerbaijan | - | 4 | - | - | - | 0 | - | - | - | - | - | 4 |
| Georgia | - | - | - | - | - | - | - | - | - | - | - | - |
| Kazakhstan | 188 | 521 | - | - | - | - | - | - | - | 22 | 188 | 543 |
| Kyrgyzstan | 37 | 151 | - | - | - | - | - | - | 43 | 66 | 80 | 217 |
| Russia | 222 | 659 | - | - | 13 | 13 | - | 1 | 6 | 6 | 242 | 680 |
| Tajikistan | - | - | - | - | - | - | - | - | - | - | - | - |
| Turkmenistan | - | - | - | - | - | - | - | - | 10 | 10 | 10 | 10 |
| Uzbekistan | 24 | 168 | - | - | - | - | - | - | - | - | 24 | 168 |
| CIS - Total | 517 | 1,772 | - | - | 13 | 13 | 0 | 2 | 103 | 148 | 634 | 1,935 |
| CIS - % | 21.6% | 18.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 19.7% | 16.9% |
| North Africa | | | | | | | | | | | | |
| Algeria | - | - | - | - | - | - | - | - | - | - | - | - |
| Egypt | - | - | - | - | - | - | - | - | - | - | - | - |
| Ethiopia | - | - | - | - | - | - | - | - | - | - | - | - |
| Libya | - | 25 | - | - | - | - | - | - | - | - | - | 25 |
| Morocco | - | - | - | - | - | - | - | - | - | - | - | - |
| Nigeria | - | - | - | - | - | - | - | - | - | _ | - | - |
| Sudan | - | - | - | - | - | - | - | - | - | - | - | - |
| Tunisia | - | - | - | - | - | - | - | - | - | - | - | _ |
| North Africa - Total | - | 25 | - | - | - | _ | - | _ | - | _ | - | 25 |
| North Africa - % | 0.0% | 0.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.29 |

| Marketing Month: 3 | | , | | | | | ountry Bro | | | | Cr | op: 201 |
|-----------------------------|---------|---------|---------|---------|---------|------|------------|----------|---------|------|---------|---------|
| Product | Open I | n-Shell | Closed | l Shell | Keri | nel | GPPK & | Split K. | Oth | ers | Tot | al |
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| Middle East | | | | | | | | | | | | |
| Bahrain | - | 0 | - | - | - | - | - | - | - | - | - | C |
| Iraq | 167 | 716 | - | - | - | 28 | - | - | - | - | 167 | 744 |
| Jordan | 12 | 61 | - | - | - | - | - | - | - | - | 12 | 61 |
| Kuwait | 40 | 190 | - | - | 35 | 35 | 4 | 4 | - | - | 78 | 228 |
| Lebanon | 77 | 123 | - | - | 93 | 101 | - | - | - | - | 170 | 224 |
| Oman | 13 | 13 | - | - | - | - | - | - | - | - | 13 | 13 |
| Qatar | 10 | 59 | - | - | 1 | 4 | 0 | 0 | 0 | 0 | 11 | 63 |
| Saudi Arabia | - | - | - | - | - | - | - | - | - | - | - | - |
| Syria | - | 24 | - | - | - | - | - | - | - | - | - | 24 |
| Yemen | - | - | - | - | - | - | - | - | - | - | - | - |
| Middle East - Total | 319 | 1,186 | - | - | 129 | 167 | 4 | 4 | 0 | 0 | 452 | 1,357 |
| Middle East - % | 13.3% | 12.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 14.1% | 11.99 |
| Re-Export Markets | | | | | | | | | | | | |
| Turkey | 76 | 162 | - | - | 75 | 77 | 2 | 2 | 19 | 56 | 172 | 298 |
| UAE | 261 | 825 | - | - | 110 | 225 | 9 | 26 | 15 | 15 | 394 | 1,091 |
| REM - Total | 337 | 987 | - | - | 185 | 303 | 11 | 28 | 34 | 71 | 566 | 1,389 |
| REM - % | 14.0% | 10.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 17.6% | 12.29 |
| Indian Subcontinent | | | | | | | | | | | | |
| Afghanistan | 5 | 20 | - | - | - | - | - | - | 23 | 63 | 29 | 83 |
| Bangladesh | - | - | - | - | - | 11 | - | - | - | - | - | 11 |
| India | 114 | 506 | - | - | 106 | 148 | - | - | - | - | 220 | 654 |
| Nepal | - | - | - | - | - | - | - | - | - | - | - | - |
| Pakistan | 441 | 2,106 | - | - | - | 27 | - | - | - | 35 | 441 | 2,167 |
| Sri Lanka | - | - | - | - | - | - | - | - | - | - | - | - |
| Indian Subcontinent - Total | 560 | 2,631 | - | - | 106 | 185 | - | - | 23 | 97 | 690 | 2,914 |
| Indian Subcontinent - % | 23.4% | 27.3% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 21.5% | 25.59 |

| Product | Open Ir | n-Shell | Closed | Shell | Kerr | nel | GPPK & S | GPPK & Split K. | | ers | Total | |
|-----------------------|---------|---------|---------|-------|---------|------|----------|-----------------|---------|------|---------|-------|
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| Far East | | | | | | | | | | | | |
| China | 275 | 1,316 | 25 | 75 | 3 | 3 | 4 | 7 | - | - | 307 | 1,402 |
| Hong Kong | - | 550 | 25 | 150 | - | 1 | 2 | 6 | - | - | 27 | 70 |
| Indonesia | 3 | 3 | - | - | - | - | - | - | - | - | 3 | 3 |
| Japan | 3 | 7 | - | - | - | 3 | 2 | 6 | - | - | 5 | 10 |
| Korea | - | - | - | - | 4 | 4 | - | - | - | - | 4 | 4 |
| Macao | - | - | - | - | - | - | - | - | - | - | - | - |
| Malaysia | - | 17 | - | - | 3 | 5 | - | - | - | - | 3 | 2 |
| Philippines | - | - | - | - | - | - | - | - | - | - | - | - |
| Singapore | 42 | 136 | - | - | 2 | 5 | - | - | - | - | 44 | 14: |
| Taiwan | 50 | 197 | 22 | 66 | - | - | - | - | - | - | 72 | 263 |
| Thailand | 4 | 6 | - | - | - | 2 | - | - | - | - | 4 | 8 |
| Vietnam | - | - | - | - | - | - | - | - | - | - | - | - |
| Far East - Total | 377 | 2,233 | 72 | 291 | 12 | 23 | 8 | 20 | - | - | 469 | 2,560 |
| Far East - % | 15.7% | 23.1% | 100.0% | 87.9% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 14.6% | 22.5 |
| North America | | | | | | | | | | | | |
| Canada | 23 | 23 | - | - | - | 29 | - | - | - | 28 | 23 | 8: |
| Mexico | - | - | - | - | - | - | - | - | - | - | - | - |
| USA | - | - | - | - | - | - | - | - | - | - | - | - |
| North America - Total | 23 | 23 | - | - | - | 29 | - | - | - | 28 | 23 | 8 |
| North America - % | 0.9% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.7 |

| Product | Open Ir | n-Shell | Closed | Shell | Kerr | nel | GPPK & | Split K. | Othe | ers | Tota | al |
|----------------------|---------|---------|---------|-------|---------|------|---------|----------|---------|------|---------|--------|
| Country | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD | Monthly | YTD |
| Other | | | | | | | | | | | | |
| Argentina | - | - | - | - | - | - | - | - | - | - | - | - |
| Australia | - | 23 | - | - | - | - | - | 0 | - | - | - | 24 |
| Brazil | - | - | - | - | - | - | - | - | - | - | - | - |
| Chile | - | - | - | - | - | - | - | - | - | - | - | - |
| Colombia | - | - | - | - | - | - | - | - | - | - | - | - |
| Dominican Republic | - | - | - | - | - | - | - | - | - | - | - | - |
| Ecuador | - | - | - | - | - | - | - | - | - | - | - | - |
| Kenya | - | - | - | - | - | - | - | - | - | - | - | - |
| Liberia | - | - | - | - | - | - | - | - | - | - | - | - |
| Mozambique | - | - | - | - | - | - | - | - | - | - | - | - |
| New Zealand | - | - | - | - | - | - | - | - | - | - | - | - |
| Nicaragua | - | - | - | - | - | - | - | - | - | - | - | - |
| Other_1 | - | - | - | - | - | - | - | - | - | - | - | - |
| Other_2 | - | - | - | - | - | - | - | - | - | - | - | - |
| Other_3 | - | - | - | - | - | - | - | - | - | - | - | - |
| Other_4 | - | - | - | - | - | - | - | - | - | - | - | - |
| Panama | - | - | - | - | - | - | - | - | - | - | - | - |
| Paraguay | - | - | - | - | - | - | - | - | - | - | - | - |
| Senegal | - | - | - | - | - | - | - | - | - | - | - | - |
| South Africa | - | - | - | - | - | - | - | - | - | - | - | - |
| Tanzania | - | - | - | - | - | - | - | - | - | - | - | - |
| Uruguay | - | - | - | - | - | - | - | - | - | - | - | - |
| Venezuela | - | - | - | - | - | - | - | - | - | - | - | - |
| Zambia | - | - | - | - | - | - | - | - | - | - | - | - |
| Zimbabwe | - | - | - | - | - | - | - | - | - | - | - | - |
| Other - Total | - | 23 | - | - | - | - | - | 0 | - | - | - | 24 |
| Other - % | 0.0% | 0.2% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.2% |
| Total Iranian Export | 2,398 | 9,656 | 72 | 331 | 471 | 829 | 109 | 262 | 161 | 345 | 3,211 | 11,422 |