



**TIAD**

MACHINE TOOLS INDUSTRIALISTS AND BUSINESSMEN ASSOCIATION

[www.tiad.org](http://www.tiad.org)

**TURKEY  
MACHINE TOOLS  
SECTOR REPORT  
FIRST HALF OF  
2018**

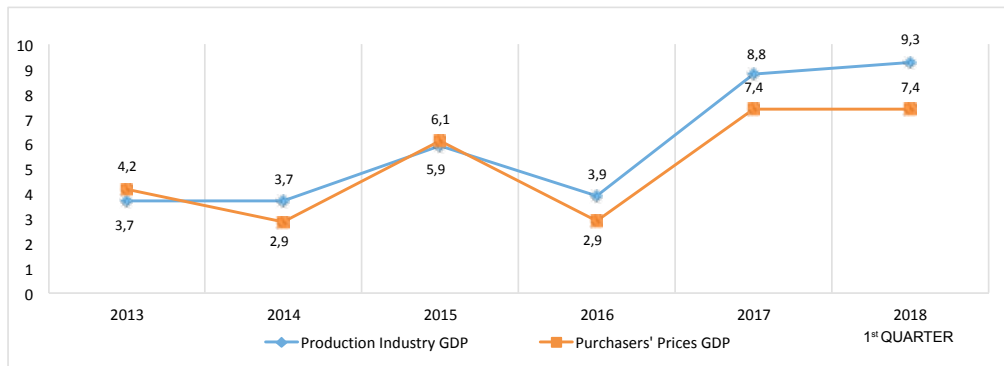


## **MACHINE TOOLS INDUSTRIALISTS AND BUSINESSMEN ASSOCIATION (TIAD) OF TURKEY**

*Machine Tools Industrialists and Businessmen Association (TIAD) of Turkey is a professional organization established in 1992 with the aim of gathering industrialists and business people dealing with imports, exports, manufacturing, wholesale and/or retail trade of machine tools, their complementary accessories and tooling equipment which are among the fundamental means of the manufacturing processes. The mission of the Association is to represent its members in the best way at all national and international platforms.*

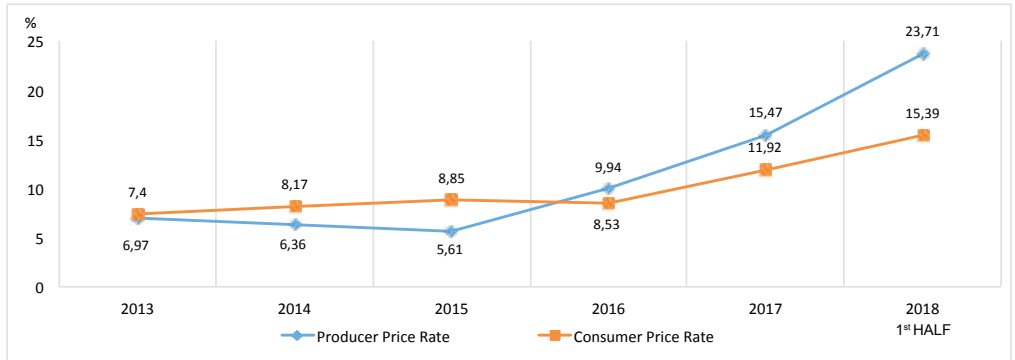
*By September 2018, the number of TIAD members has reached 194 and more than 80% of the machine tools demand in Turkey is met by TIAD members.*

## OVERVIEW OF TURKEY'S GENERAL ECONOMIC SITUATION TURKEY'S RATE OF GDP (2013 to 2018 1<sup>st</sup> QUARTER)



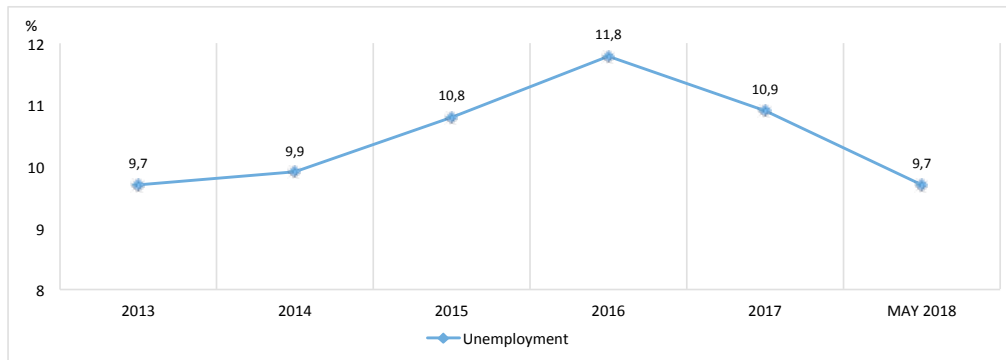
Source: Turkish Statistical Institute

## TURKEY'S RATE OF INFLATION (2013 to 2018 1<sup>st</sup> HALF)



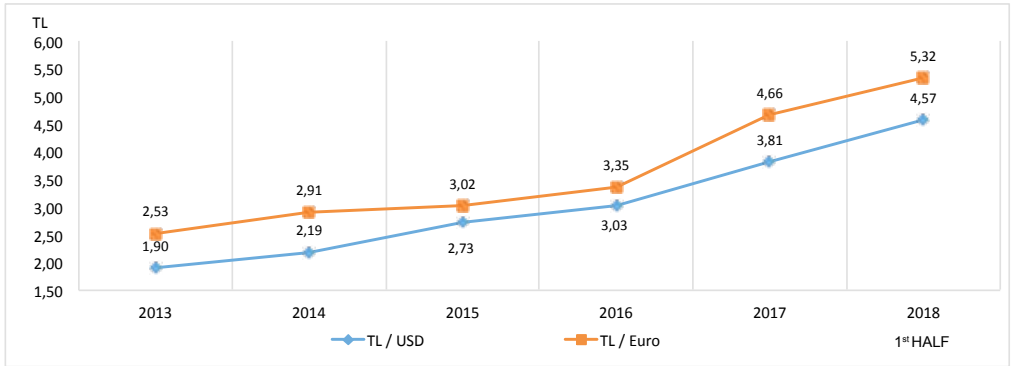
Source: Central Bank of The Republic Of Turkey

## TURKEY'S RATE OF UNEMPLOYMENT (2013 to MAY 2018)



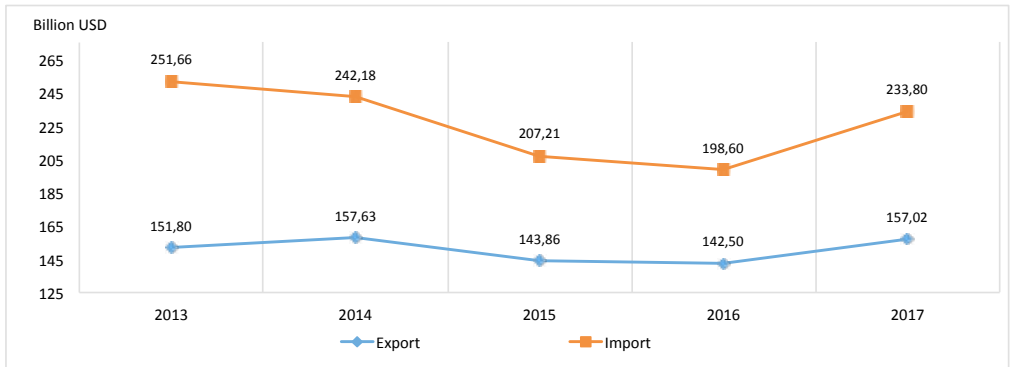
Source: Turkish Statistical Institute

## TL/USD & TL/EURO EXCHANGE RATES (AVERAGE)



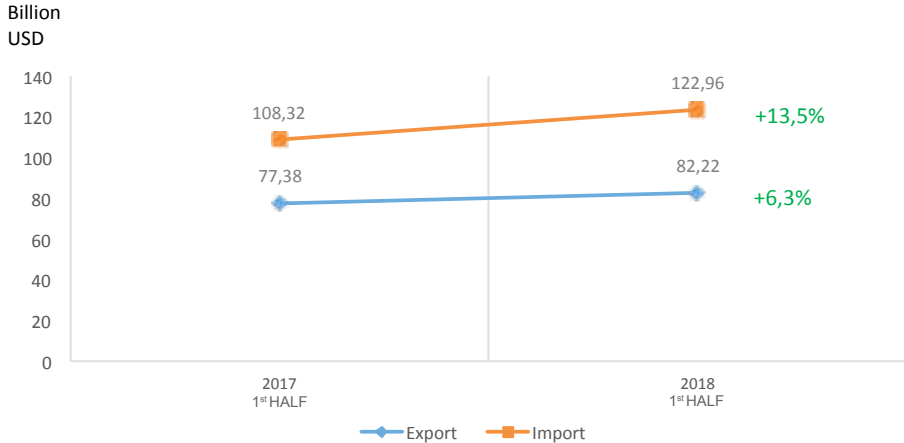
Source: Central Bank of The Republic Of Turkey

## TURKEY'S FOREIGN TRADE (2013 to 2017)



Source: Turkish Statistical Institute

## TURKEY'S FOREIGN TRADE (1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)

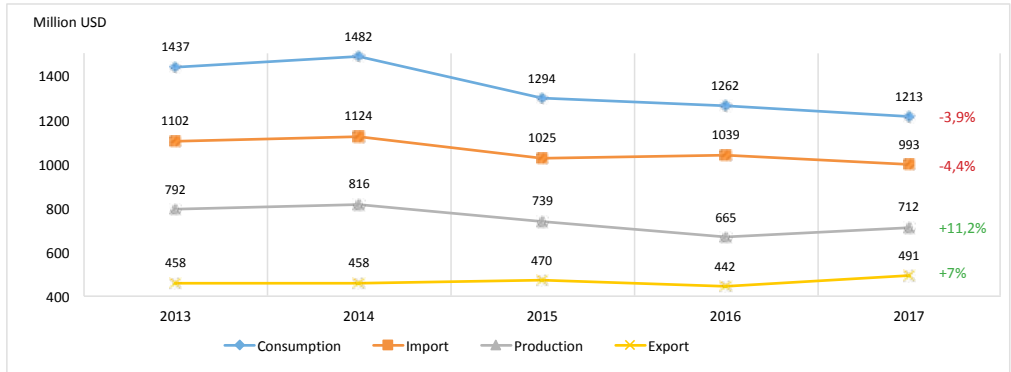


Source: Turkish Statistical Institute



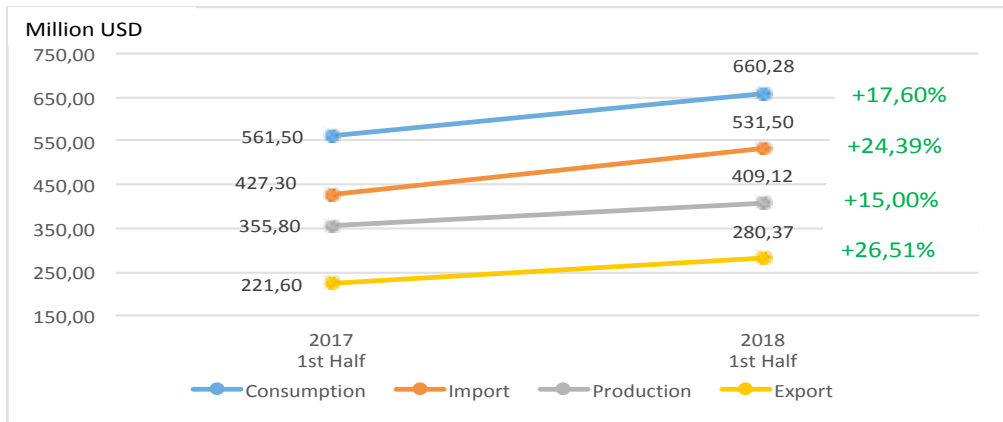
## OVERVIEW OF TURKEY MACHINE TOOLS SECTOR

### FOREIGN TRADE OF TURKEY'S MACHINE TOOLS SECTOR (2013 to 2017)



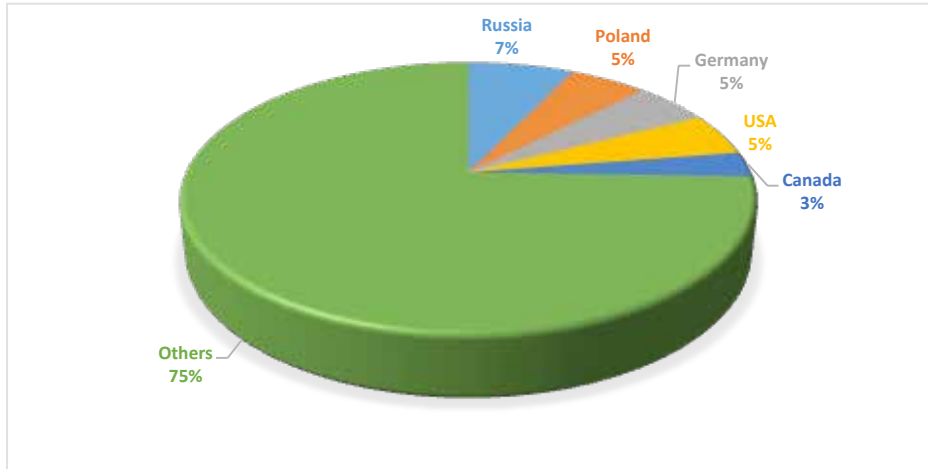
Source: Turkish Statistical Institute

## FOREIGN TRADE OF TURKEY'S MACHINE TOOLS SECTOR (1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)



Source: Turkish Statistical Institute

## SHARE OF TOP 5 COUNTRIES IN TURKEY'S TOTAL MACHINE TOOLS EXPORT (2018 1<sup>st</sup> HALF)



Source: Turkish Statistical Institute (8456, 8457, 8458, 8459, 8460, 8461, 8462, 8463 HS Codes have been included.)

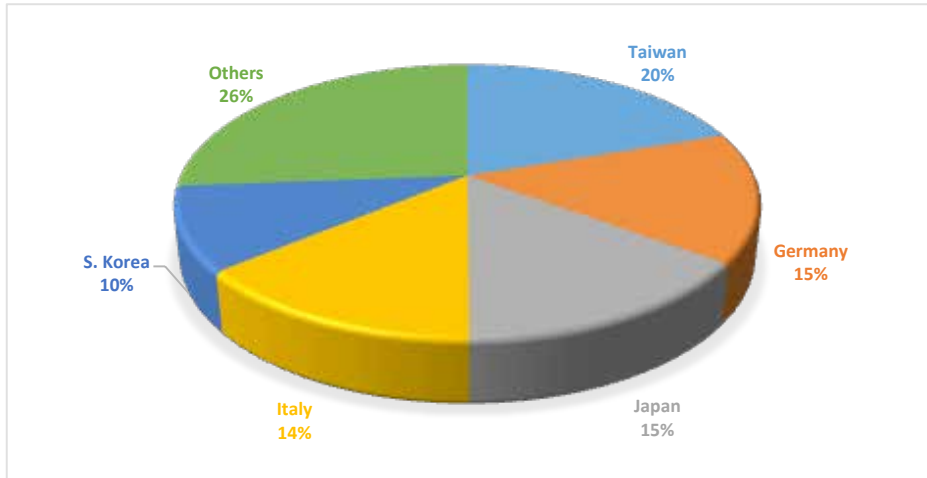
## TURKEY'S TOTAL MACHINE TOOLS EXPORT

(1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)

	2017 1 <sup>ST</sup> HALF (USD)	2018 1 <sup>ST</sup> HALF (USD)	Change Rate (%)
Russia	11.429.960	20.044.604	75,37%
Poland	8.427.534	14.635.382	73,66%
Germany	16.367.122	14.248.729	-12,94%
USA	16.175.923	14.142.701	-12,57%
Algeria	7.108.415	9.575.058	34,70%
Canada	6.247.929	8.362.467	33,84%
England	5.098.977	6.712.332	31,64%
S. Arabia	5.816.867	5.938.611	2,09%
Czech Republic	2.326.446	3.593.352	54,46%
Iran	5.410.906	3.506.805	-35,19%
Others	137.214.057	179.614.212	30,90%
<b>Total</b>	<b>221.624.136</b>	<b>280.374.253</b>	<b>26,51%</b>

Source: Turkish Statistical Institute (8456, 8457, 8458, 8459, 8460, 8461, 8462, 8463 HS Codes have been included.)

## SHARE OF TOP 5 COUNTRIES IN TURKEY'S TOTAL MACHINE TOOLS IMPORT (2018 1<sup>st</sup> HALF)



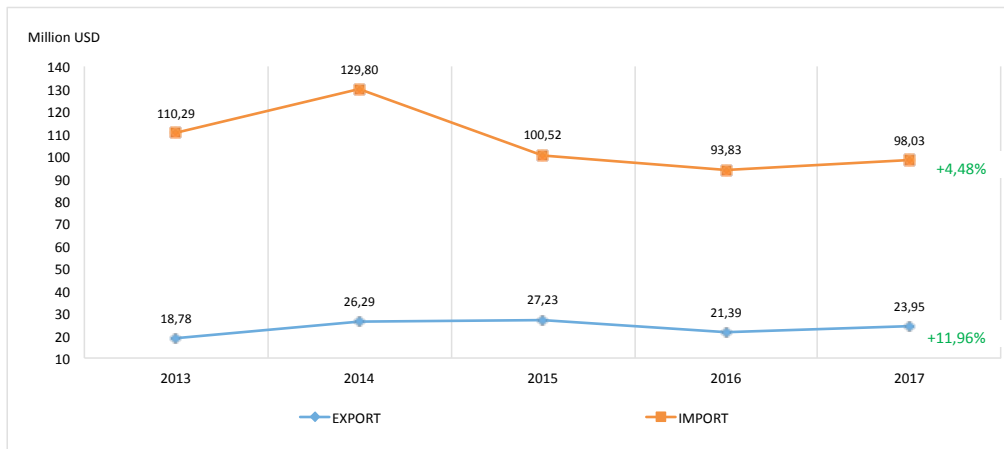
Source: Turkish Statistical Institute (8456, 8457, 8458, 8459, 8460, 8461, 8462, 8463 HS Codes have been included.)

**TURKEY'S TOTAL MACHINE TOOLS IMPORT - (1<sup>ST</sup>HALF 2017 to 1<sup>ST</sup> HALF 2018)**

	2017 1 <sup>ST</sup> HALF (USD)	2018 1 <sup>ST</sup> HALF (USD)	Change Rate (%)
<b>Taiwan</b>	74.498.999	105.201.395	41,21%
<b>Germany</b>	104.525.020	81.610.225	-21,92%
<b>Japan</b>	57.216.633	78.516.547	37,23%
<b>Italy</b>	41.944.102	74.362.810	77,29%
<b>S. Korea</b>	25.503.900	52.478.544	105,77%
<b>China</b>	31.498.157	48.398.699	53,66%
<b>Switzerland</b>	18.213.455	23.276.199	27,80%
<b>USA</b>	14.148.585	10.209.982	-27,84%
<b>Spain</b>	5.127.922	9.427.734	83,85%
<b>France</b>	9.726.894	5.484.943	-43,61%
<b>Others</b>	41.338.458	37.880.649	-8,36%
<b>Total</b>	<b>427.320.813</b>	<b>531.531.589</b>	<b>24,39%</b>

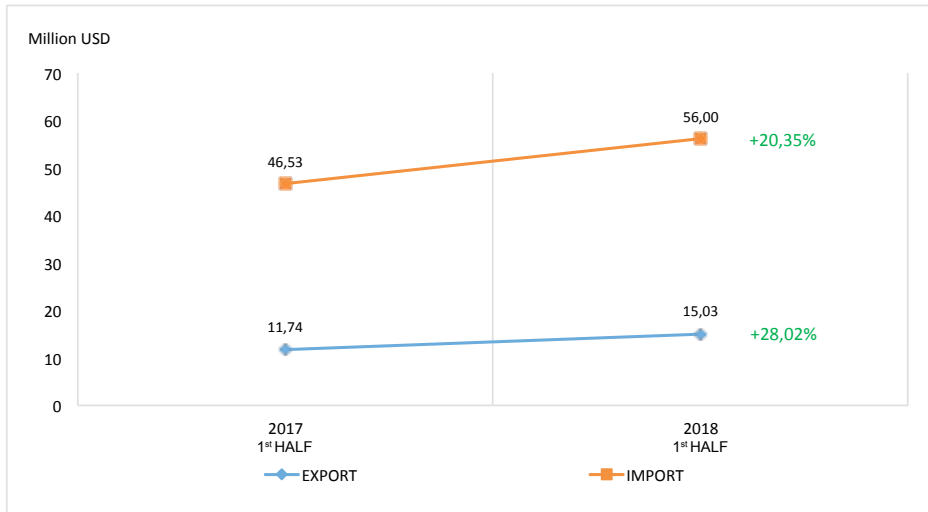
Source: Turkish Statistical Institute (8456, 8457, 8458, 8459, 8460, 8461, 8462, 8463 HS Codes have been included.)

## FOREIGN TRADE OF TURKEY'S CUTTING TOOLS (2013 to 2017)



Source: Turkish Statistical Institute

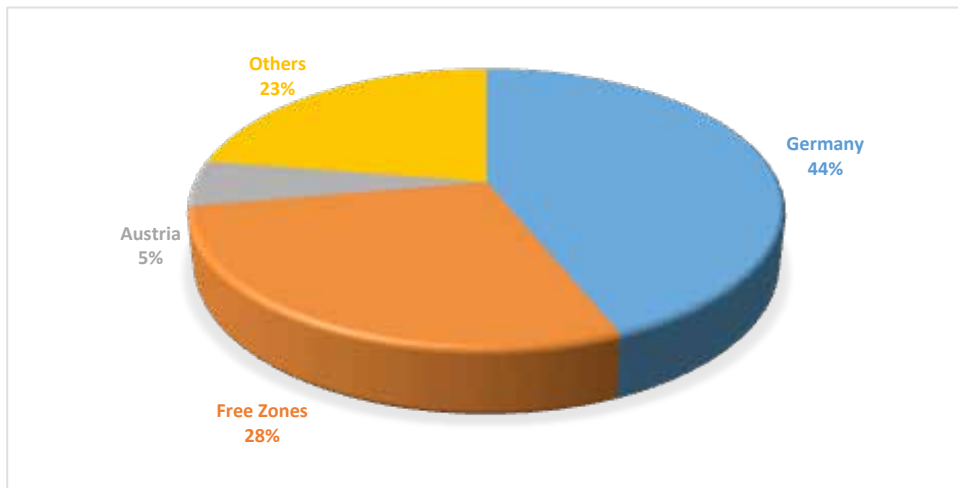
## FOREIGN TRADE OF TURKEY'S CUTTING TOOLS (1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)



Source: Turkish Statistical Institute

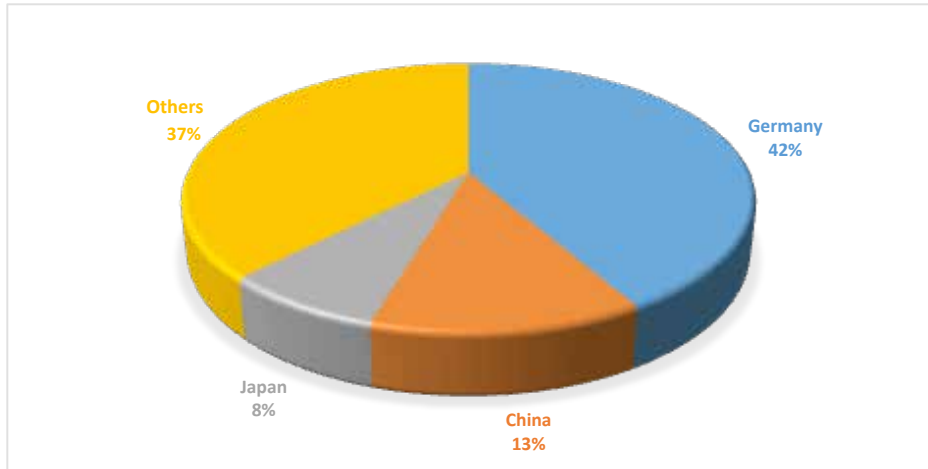


## CUTTING TOOLS EXPORT DISTRIBUTION OF TURKEY (2018 1<sup>st</sup> HALF)



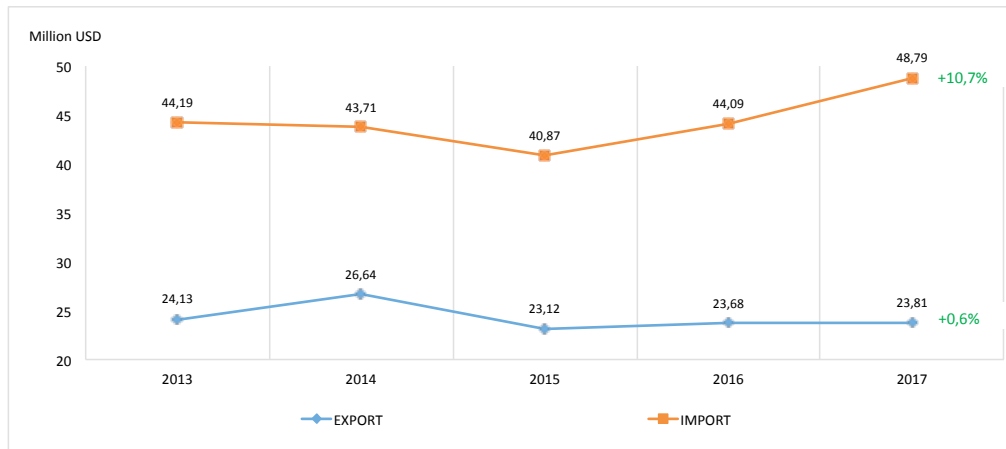
Source: Turkish Statistical Institute

## CUTTING TOOLS IMPORT DISTRIBUTION OF TURKEY (2018 1<sup>st</sup> HALF)



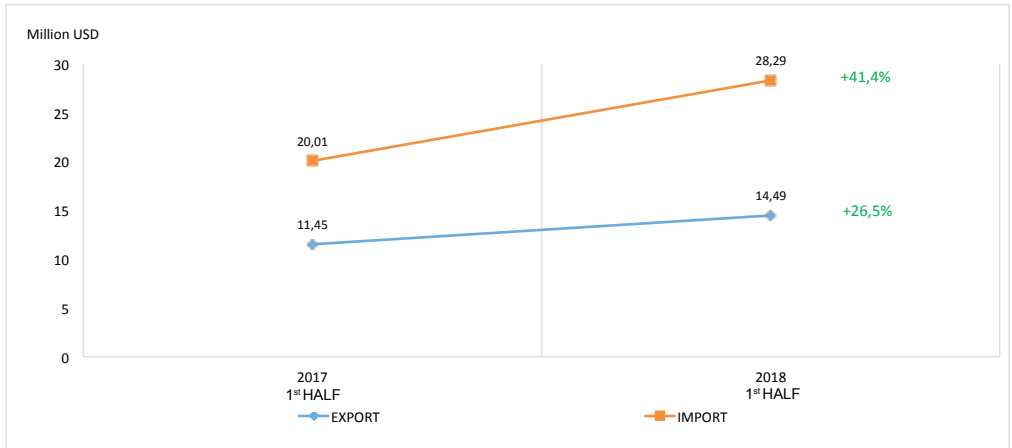
Source: Turkish Statistical Institute

## CUTTING TOOLS IMPORT DISTRIBUTION OF TURKEY (2013 to 2017)



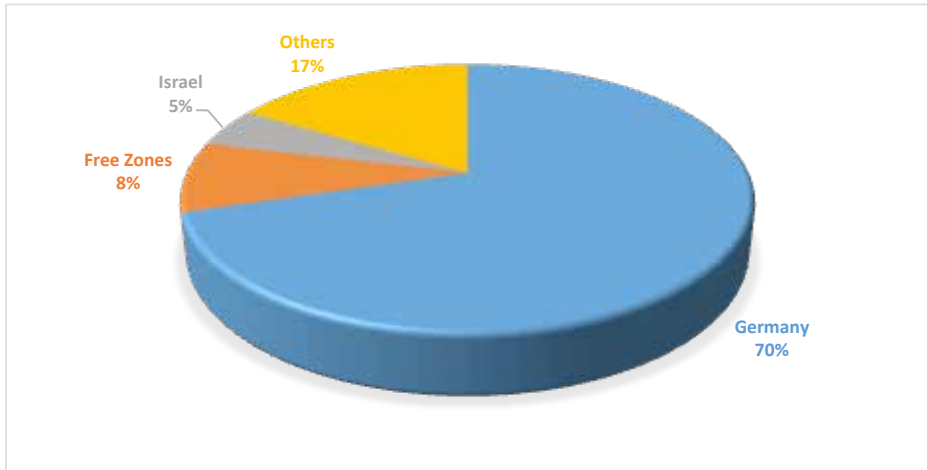
Source: Turkish Statistical Institute

## FOREIGN TRADE OF TURKEY'S HOLDING TOOLS (1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)



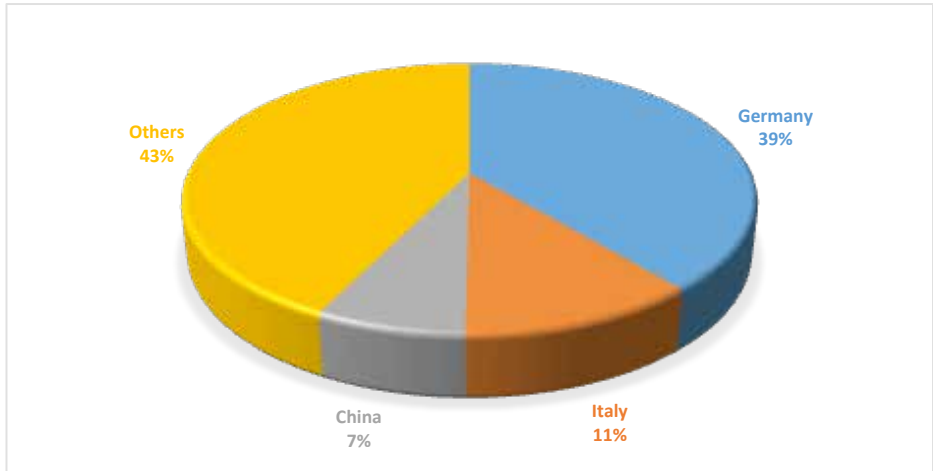
Source: Turkish Statistical Institute

## HOLDING TOOLS EXPORT DISTRIBUTION OF TURKEY (2018 1<sup>st</sup> HALF)



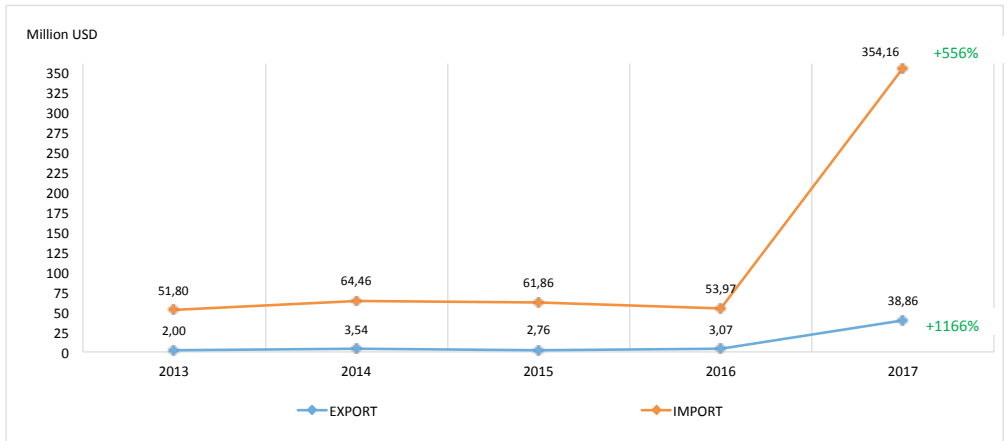
Source: Turkish Statistical Institute

## HOLDING TOOLS IMPORT DISTRIBUTION OF TURKEY (2018 1<sup>st</sup> HALF)



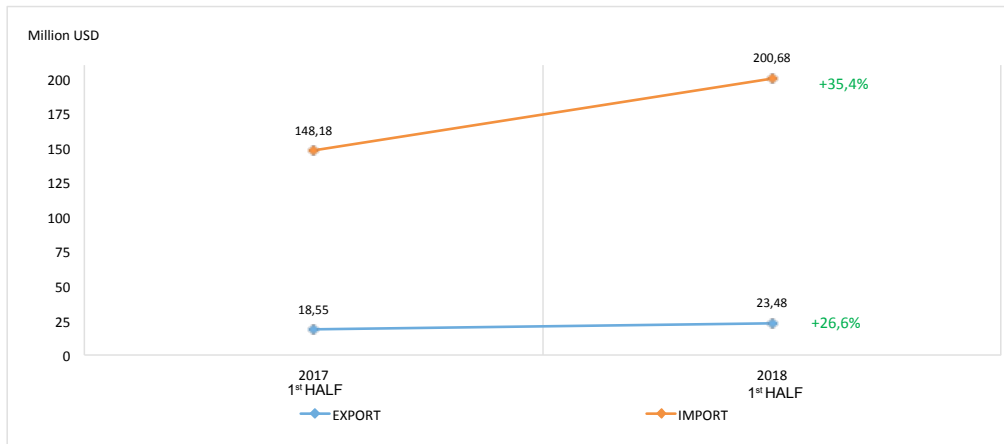
Source: Turkish Statistical Institute

## FOREIGN TRADE OF TURKEY'S MEASUREMENT EQUIPMENTS (2013 to 2017)



Source: Turkish Statistical Institute

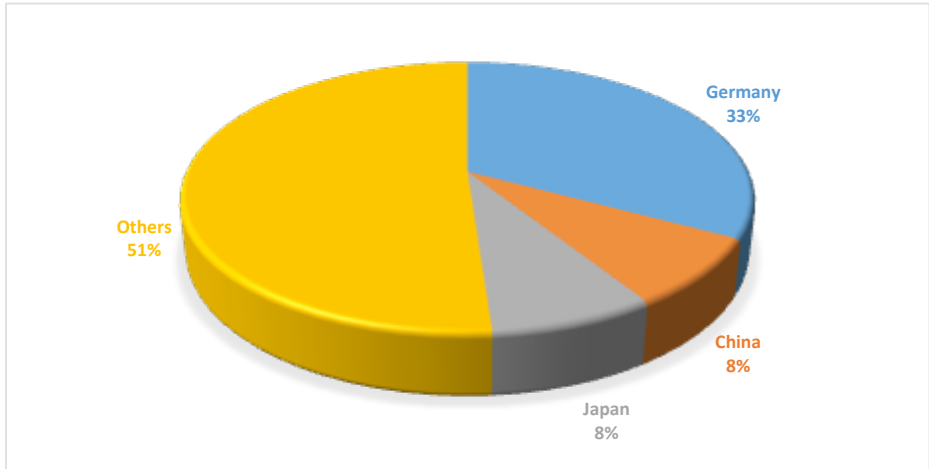
## FOREIGN TRADE OF TURKEY'S MEASUREMENT EQUIPMENTS (1<sup>st</sup> HALF 2017 to 1<sup>st</sup> HALF 2018)



Source: Turkish Statistical Institute



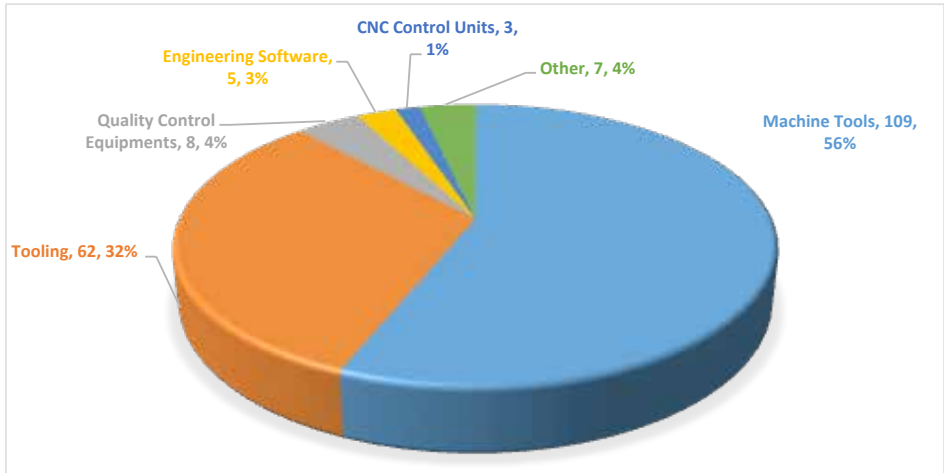
## MEASUREMENT EQUIPMENTS IMPORT DISTRIBUTION OF TURKEY (2018 1<sup>st</sup> HALF)



Source: Turkish Statistical Institute



## DISTRIBUTION OF TIAD MEMBERS





*TIAD became a member of the European Trade Association for Machine Tools, Tooling and Technologies (CELIMO) as of 2000. Having presided over CELIMO in the 2006-2008 term, TIAD still holds Board Member status in this international association. CELIMO currently represents 1,200 machine tool distributor companies holding more than 10 billion Euro total capital, and it constitutes a fundamental market for Turkey's exporters.*

*TIAD performs activities both for the benefit of the country and its members. These activities are carried out through Committees and Working Groups constituted within its corporate structure. In this framework, TIAD has Fair, Laws and Regulations, Media and Advertising, Membership Development and Coordination, Training, After Sales Services Committees, as well as "Working Groups" of Tooling, Metrology, CAD / CAM, Metal Forming Machine and Metal Cutting Machine.*



## REPRESENTATION ACTIVITIES

*TIAD's major representation activities include*

**National Area;**

- *Machinery Technical Committee (MAKTEK) established and working under Turkish Ministry of Industry and Technology,*
- *MAKTEK Machine Tools Sub-committee,*
- *Union of Chambers and Commodity Exchanges of Turkey (TOBB) Machine and Equipment Manufacturing Sector Assembly,*
- *Union of Chambers and Commodity Exchanges of Turkey (TOBB) Machine Legislative Committee,*

**International Area;**

- *Board Member of CELIMO.*



# TIAD

## REPRESENTATION ACTIVITIES

### OUR COOPERATING NATIONAL ASSOCIATIONS



# TIAD

## REPRESENTATION ACTIVITIES

### OUR COOPERATING INTERNATIONAL ASSOCIATIONS





## TIAD ORGANISATIONAL SERVICES ENTERPRISE

*TIAD leads organization of comprehensive machine tool fairs in Turkey. Within the scope of this effort;*



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**TIAD'S ENTERPRISE ACTIVITY**  
**International Fair Organizations**

*TIAD keeps tabs on international fairs concerning the sector and communicates all the machine tool fairs across the world as a list to its members through bulletins and its website. TIAD also arranges travelling and accommodation organizations to help its members visit important fairs with affordable conditions. Moreover, TIAD also participates international fairs individually as an association to promote its member companies and the sector.*





## **TIAD'S ENTERPRISE ACTIVITY**

### **TIAD PRESS AND PUBLICITY SERVICES ENTERPRISE**

#### ***TT MAGAZIN – MACHINE TOOLS AND MANUFACTURING TECHNOLOGIES MAGAZINE***

*Through the channel of its bimonthly TT Magazin, TIAD keeps its members and machine tool users up-to-date with the latest technical and technological developments in national and global markets. Since 2004, TT Magazin held its readability at the highest level with its quality informative content, while offering a great opportunity to its advertiser companies to find their target audiences through accurate and affective distribution. Printed and distributed 4.000 hardcopies.*





## TIAD'S ENTERPRISE ACTIVITY

### TIAD TRAINING AND CONSULTANCY SERVICES ENTERPRISE

TIAD ACADEMY contributes to the progress and development of Turkey by providing the correct, efficient and effective use of "Machine Tools", described as "the main tools to produce manufacturing machinery" which are essential in various manufacturing industries, especially in aerospace, aircraft, defence, white goods, automotive, ship construction, machinery, casting, construction, textiles, food and furniture sectors. Within TIAD Academy, training programmes are developed and applied to realize the target of producing intermediate goods used in most manufacturing sectors with less cost and producing more value added products and exporting them to the whole world.

#### OUR TRAININGS

- Basics of Machining
- CNC Lathe Operatorship ve Programming
- CNC Machining Center Operatorship ve Programming
- Computer Aided Design (CAD) / Computer Aided Manufacturing (CAM)
- CNC Control Unit Using
- CNC Fault Detection and Maintenance
- Sales Engineer Certification Programme





## **TIAD'S ENTERPRISE ACTIVITY**

### **TIAD VOCATIONAL TEST CENTER ENTERPRISE**

In March 2011, TIAD was granted by the European Union (EU), with the approval of and through the Turkish Central Finance and Contracts Unit under the "VOC-Test Center Grant Scheme". In the course of the "Developing and Operating Machine Tools VOC-Test Center" project,

TIAD established the occupational standards and vocational qualifications for

- NC/CNC Machine Tools Mechanical Service Responsible,
- NC/CNC Machine Tools Electric/Electronic Service Responsible
- NC/CNC Machine Tools Application Responsible

in line with European Qualifications Framework (EQF). TIAD MTM, having ISO 9001 and ISO 17024 Standards, makes two theoretical and implementation tests to the candidates before issuing the certificates. These certificates will also be recognized by the EU Member States in the future.



## TIAD'S ENTERPRISE ACTIVITY

### TIAD VOCATIONAL TEST CENTER ENTERPRISE


In accordance with this standard and qualifications, the “Vocational Qualification Assessment and Examination System” is established and began to be implemented. TIAD Vocational Test Center (TIAD MTM) got accreditation from TURKAK (Turkish Accreditation Agency) in December 12th, 2013 and authorization from MYK (Vocational Qualification Authority) on July 1st, 2014.





**MYK**  
MESLEKİ YETERLİLİK  
KURUMU




STRONG  
UNITY  
REPRESENTING  
THE MACHINE  
TOOLS SECTOR

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