

## 2018Report for MIM Market

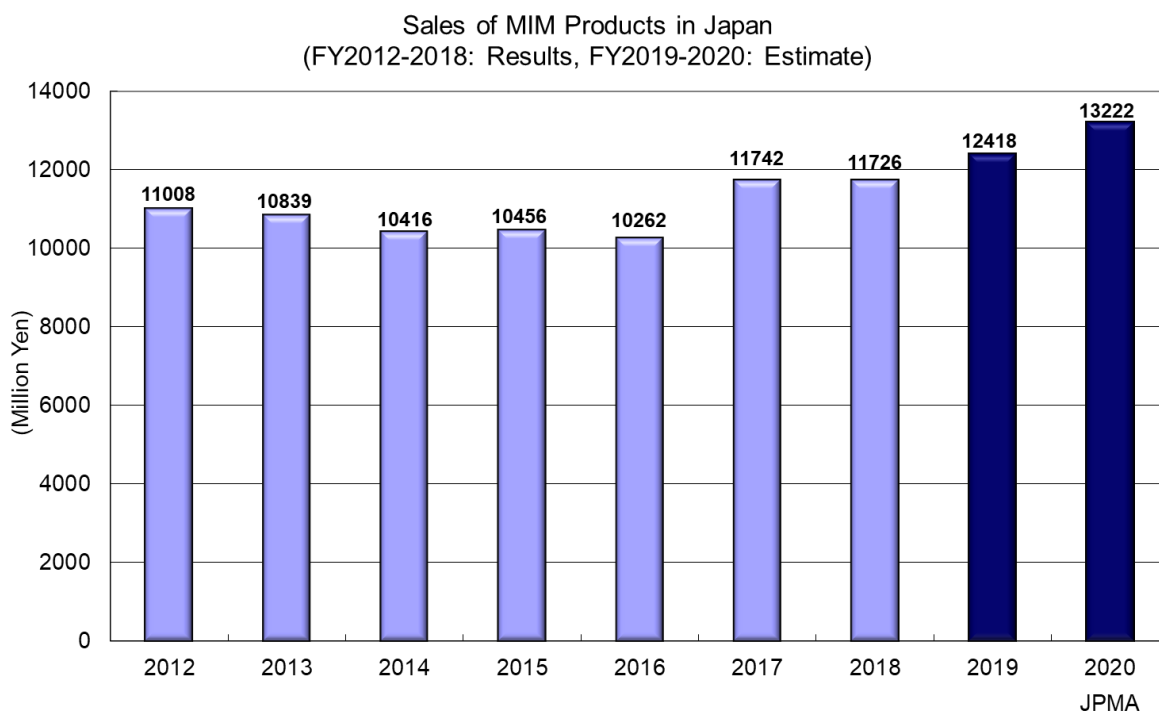
“Annual total sales amount was 11.73 billion Yen and Sales volume has decreased than last year.”

We did this research by sending the questionnaire to total 20 companies including member companies and non-member companies. We made the statistics from data of total 20 companies.

The summary of that is as follows.

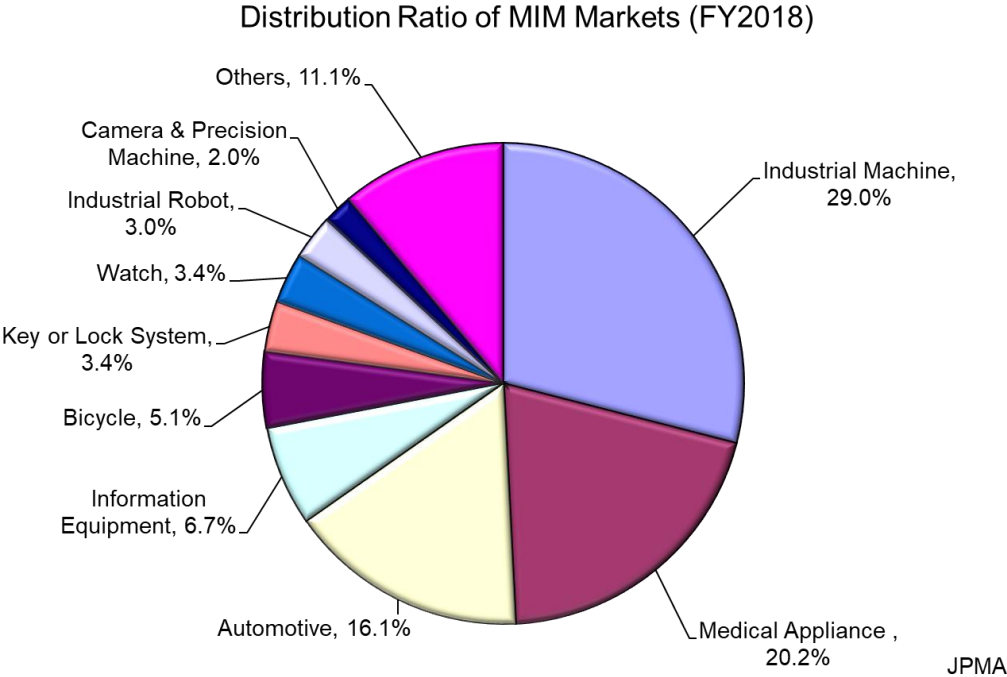
### 1) Market Scale

The sales amount in 2018 was 11.73 billion Yen. That was 0.14% decrease from the previous year.



2) Breakdown of the usage field

Figure-2 shows that Industrial Machine parts were 29.0% (previous year: 28.8%), Medical appliance parts were 20.2% (previous year: 21.3%) and Automotive parts were 16.1% (previous year: 16.3%). The total of Industrial Machine parts, Medical Appliance parts and Automotive parts was 65.3%. That is the stable demand field of MIM. In other usage, OA & Industrial Equipment parts were 1.7% decrease from the previous year, because of the change to other production method and the market shrinkage of users. Bicycle parts were 2.4% increase from the previous year, because of MIM usage expansion.



3) Breakdown of materials

Figure-3 shows that SUS materials were 73.8% (previous year: 69.9%), That was the first time over 70%. The total of SUS materials, Fe-Ni materials and Magnetic materials was about 87%. SUS materials which are the main material of MIM were 8,659 million Yen that was 5.6% increase from the previous year.

Magnetic Material was 671 million yen that was 44.4% decrease from the previous year. Magnetic Material has the tendency to be influenced by special demand. That is the reason of this decrease.

