

## 2013 Report for MIM Market

“Annual total sales amount was 11.2 billion Yen and Sales volume has decreased than last year.”

We did this research by sending the questionnaire to total 22 companies including member companies and non-member companies. We made the statistics from data of total 22 companies.

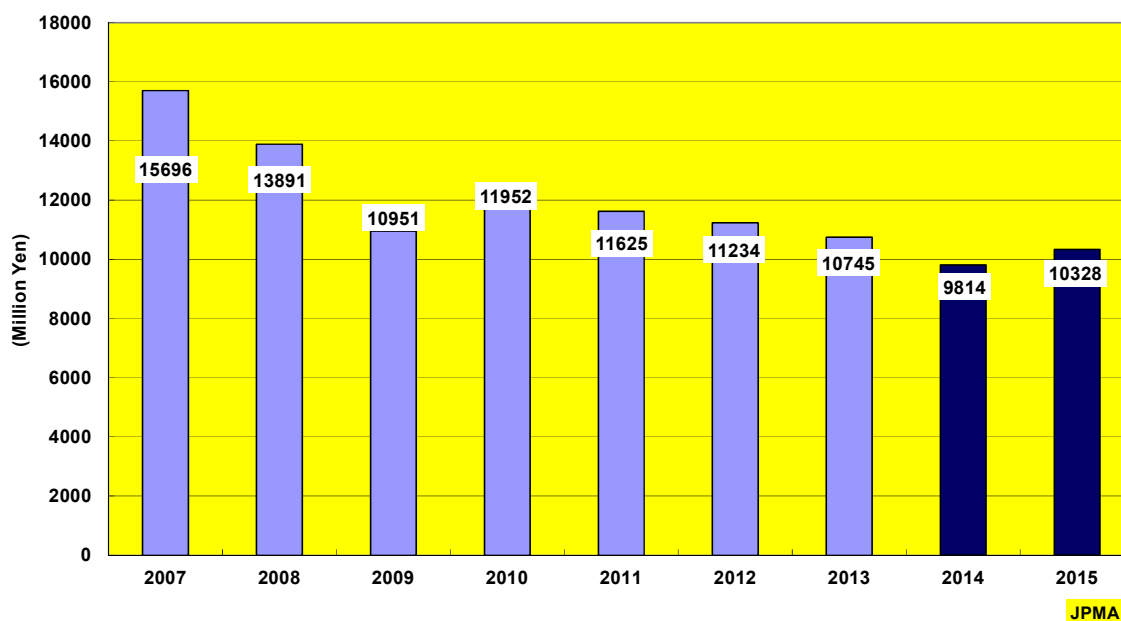
The summary of that is as follows.

### 1) Market Scale

The sales amount in 2013 was 10.7 billion Yen. That was 1.9% decrease from the previous year and 3 consecutive year decrease. The sales amount in 2014 will be 9.8 billion Yen. That will be 8.7% decrease from 2013. This is because Sumitomo Mining Co., LTD. transferred the MIM business to NIPPON PISTON RING CO., LTD. So the sales amount of Sumitomo Mining Co., LTD. is not counted. If the sales amount of Sumitomo Mining Co., LTD. is same as 2013, the total sales amount in 2014 will be the almost same as 2013.

The reason why the MIM market is slow recently is the recognition about MIM is not still high enough compared with the other manufacturing method and the reliability of quality is still low. So the positive proposal to customers and the cooperative development with customers will be the key point for sales expansion. And IWAKI DIECAST CO., LTD. has the plan to build the new plant for the production increase for the medical instrument and dental instrument etc. until June, 2016. We expect the sales amount increase because of that.

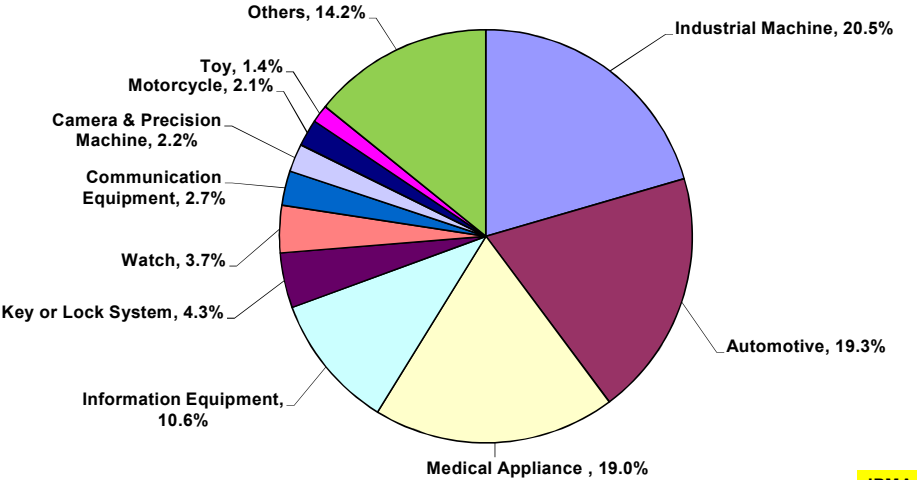
**Sales of MIM Products in Japan**  
(FY2007-2013: Results, FY2014-2015: Estimate)



2) Breakdown of the usage field

Figure-2 shows that Industrial Machine parts were 20.5% (previous year: 20.4%), Automotive parts were 19.3% (previous year: 20.3%), Medical appliance parts were 19.0% (previous year: 17.4%) and OA & Information Equipment parts were 10.6% (previous year: 9.9%). In the main usage field, Medical appliance and Automotive will continuously increase in future. In other side, Information Equipment and Communication Equipment will decrease because of transfer to foreign countries.

**Distribution Ratio of MIM Markets (FY2013)**



JPMA

3) Breakdown of materials

Figure-3 shows that SUS materials were 61.9% (previous year: 63.4%) that was over 60% of total usage. SUS materials, Magnetic Material and Fe-Ni materials accounted for about 83%. Magnetic materials increased recent year that is because of the demand increase of parts for printer. And Ti Alloy are increasing by the increase of Medical appliance parts. But in figure-3, that is included in others.

