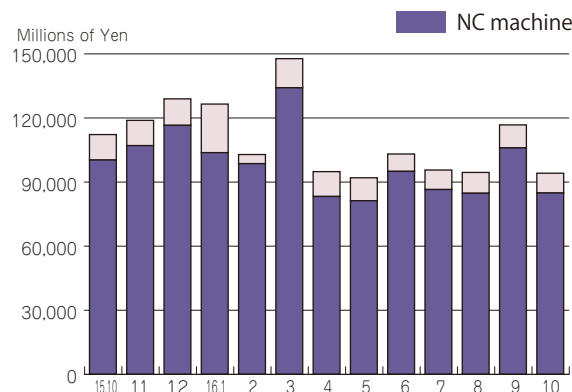


## [ October, 2016 ]

# Japan's Machinery and Equipment Production

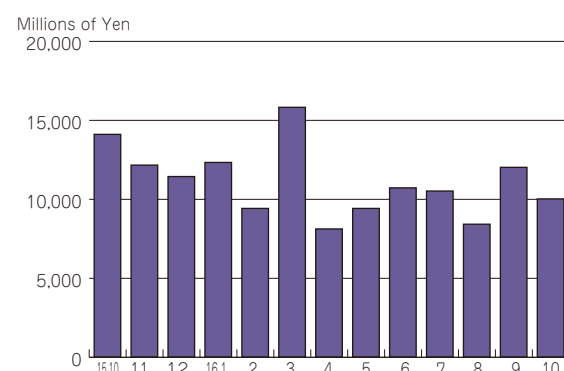
### Machine tool

The total value of metal cutting production in October fell by 19.4% from the last month to 75.2 billion yen. This was a decrease of 16.1% compared to the last month to the previous year. The value of NC machine tool was 67.8 billion yen and the production volume was 4061.



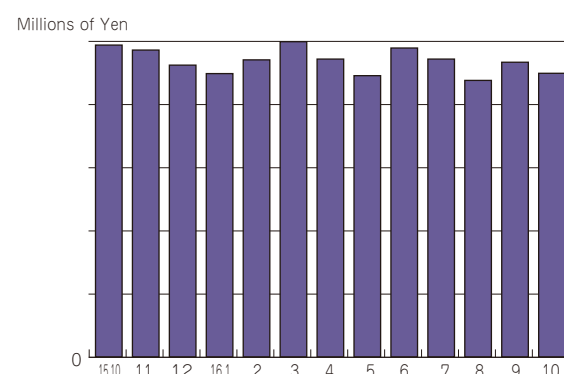
### Forming machine

The total value of metal forming machine fell by 16.9% from the last month to 10 billion yen. This figure also represented a decrease of 28.7% compared to the last month to the previous year. The production volume was 418. The value of NC machine was 3.5 billion yen and production volume was 145.



### Cutting tool

The total value of cutting tool fell by 3.6% from the last month to 35.9 billion yen. This figure represented a decrease of 8.9% from the last month to the previous year. Looking at the major types, the value of cemented carbide tool was 21.8 billion yen, the value of high speed steel cutting tool was 7 billion yen, the value of diamond tool was 5 billion yen and C (W)BN tool was 1.9 billion yen.



### Industrial robot

The total value of industrial robot fell by 8.1% from the last month to 42.4 billion yen. This was an increase of 6.2% from the last month to the previous year. The production volume was 12399. The value of playback robot rose by 3.6% from the last month to 23.4 billion yen. The value of numerically control robot fell by 23.9% from the last month to 13.2 billion yen.

