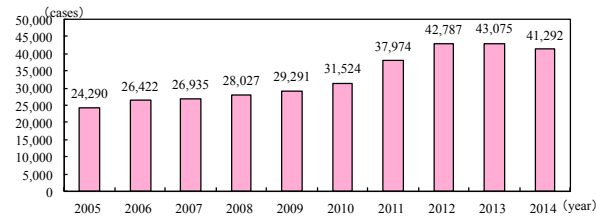
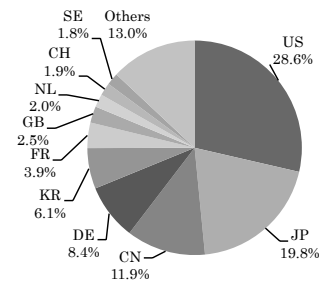


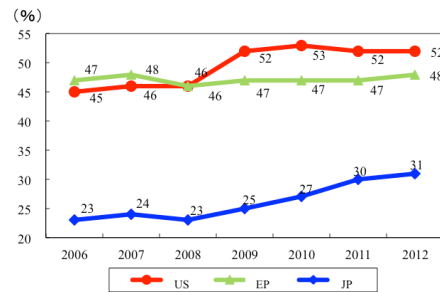
### Patent Statics of Japanese Firms



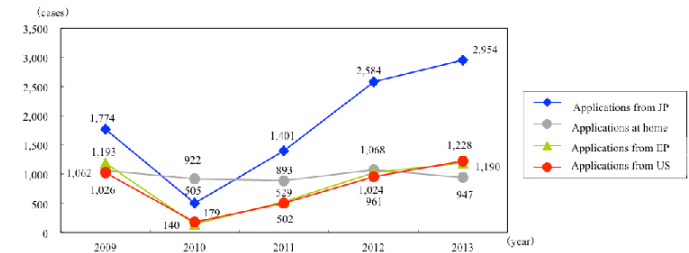
The number of PCT applications by Japanese is increasing



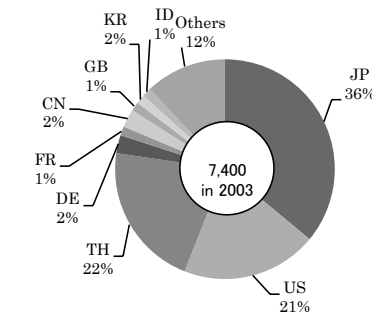
Applications in US, JP and CN are in the majority of all PCT applications in 2014.



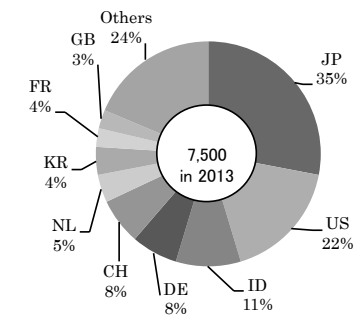
The ratio of international applications of Japanese firms are lower than that of Western firms, but are increasing in recent years.



Applications from Japan to Thailand are increasing.



Applications from JP, US and TH are top 3 in Thai applications.



Applications from JP, US and ID are top 3 in Indonesian applications.