

# The sales survey of minipig for biomedical research <sup>(1)</sup>

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## Abstract

Recently, the development of biomedical industry has come to play an important part. Not only the quality but also the quantity of experimental animal. It will face more challenges and opportunity than ever. To maintain and stabilize the domestic experimental animals market and exploit the international market, we need to adopt the modern production management technology to propel the quality and quantity of the biomedical minipig forward. To conduct biomedical minipig sales analysis according to registration datas of minipigs during the years of 2011 to 2016 from Taitung Animal Propagation Station. The results showed that there were significantly differences ( $P < 0.001$ ) on the regions of the sales distribution on biomedical minipig. The sales of biomedical minipig in Taipei city/New Taipei city was the higher than other the regions during the years of 2011 to 2014. In Tainan City, the sales of biomedical minipig was the higher than other the regions between 2015 and 2016. The breeds of the sales distribution were black Lanyu pig group. The sales of biomedical minipig was not significantly difference between male or female group. The weeks of age of the sales distribution in biomedical minipigs were 12 weeks or more than 20 weeks. There were significantly differences on the month of the sales distribution in minipigs. The results provide a reference and further related productions of strategy planning.

Key words: Biomedical research, Experimental animals, Minipig.

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