

The difference of bicycle fatalities accidents and the law ~Compare with Japan and Australia~

<Introduction>

Bicycle accidents are familiar danger for high school students who have many opportunity for riding a bicycle. There are many measures to reduce bicycle accidents. Thus we decided to research in terms of law.

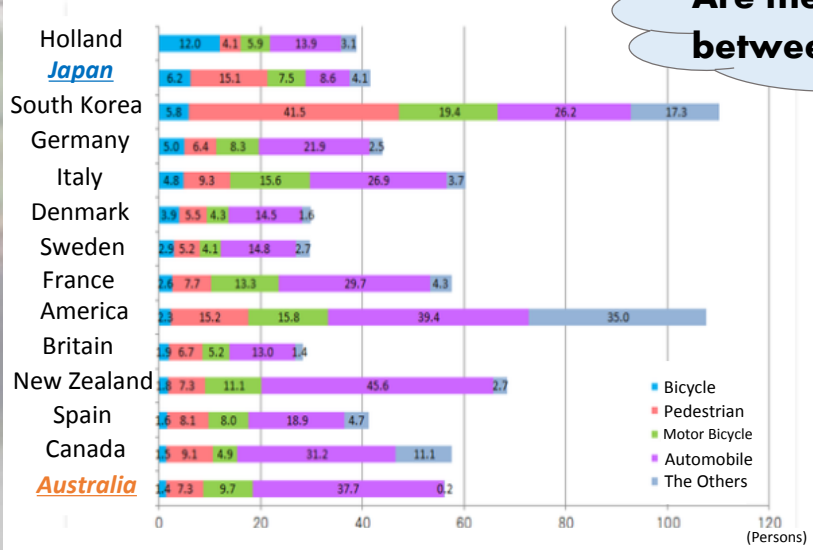
<Purpose>

We will think of effective law to reduce deaths number of bicycle accidents.

<Hypothesis>

We hypothesized that the number of bike accidents will decrease by altering laws stricter. The stricter the laws are, we are more conscious for the safety.

<Survey and Results>



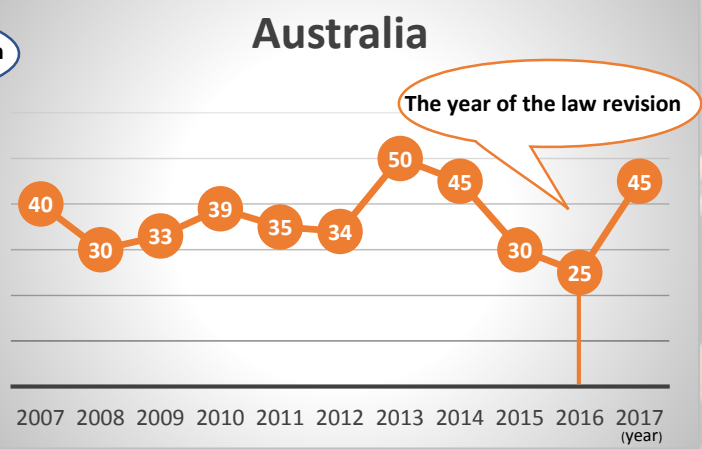
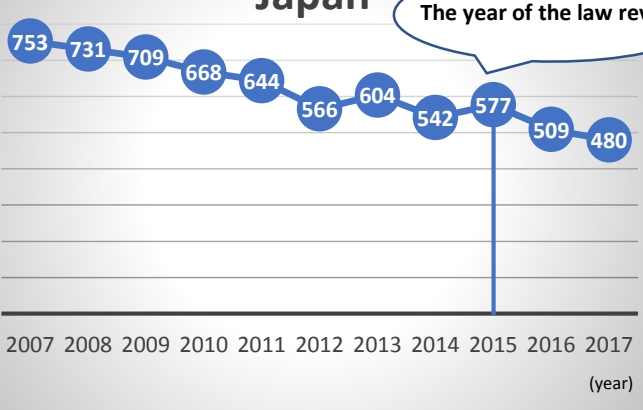
Are there the difference of laws between Japan and Australia?

Japan's Law	Australia's Law
Cyclists must obey traffic light	Run through a red traffic light : Penalty is \$425
The front and rear wheel brake pads work well (etc)	Not to wear a helmet :Penalty is \$319 (etc)

The Deaths Number Of Traffic Accident Around The World Per Million People

They resemble each other

Do they have influence for the number of bike death accidents?



<Conclusion>

The deaths number of bicycle accidents in Australia has increased after the law revision. On the other hand, in Japan it has decreased since 2007. In short, we couldn't say the law have an effect that the deaths number of bicycle accidents are decreased in this survey.

<Reflection>

We only compared with the deaths number of bicycle accidents and change of that number around the year of the law revision in this time. We should investigate more for example, penetration.

<References>

<https://www.theguardian.com/news/datablog/2014/jun/23/...> (2019.3.7) https://www.npa.go.jp/pdf/4_rule (2019.3.7) <https://www.npa.go.jp/koutuu48>toukei> (2019.3.2) <https://www.smh.com.au/national/nsw/new-nsw-cycling-fines-and-metre-passing-laws-what-you-need-to-know-for-mar-1-20160225-gn34fi.html> (2019.3.8) <https://www8.cao.go.jp/sanko>sanko02> (2019.3.7) https://www.npa.go.jp/traffic_safety_en (2019.3.7) <https://bitre.gov.au/publications> (2019.3.7) <https://www.bing.com/images/search?view=detailV2&id=AF521D1D35AB281CD577C4D450E1F0A6ECA24DF8&thid=OIP.KPbrV1u24EC0HrRuuHMeVgHaFK&mediarurl=htp%3A%2F%2Fflivedoor.blogimg.jp%2Fashitanoplatform%2Fimg%2F3%2F5%2F35aba235-s.png&expw=376&expw=540&q=%e8%87%aa%e8%bb%a2%e8%bb%8a%e4%ba%8b%e6%95%85%e3%80%80%e4%b8%96%e7%95%8c&selectedindex=3&ajaxhist=0&vt=0&ei=1,6> (2019.3.7)