

## Distribution of casualties of the 1854 Ansei Nankai Earthquake in Kochi Prefecture

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The lord of Tosa Province (Kochi Prefecture) Toyonobu Yamanouchi reported to the Tokugawa shogunate government officially that the total number of casualties of the 1854 Ansei Nankai Earthquake-Tsunami in his territory was 372 people in total 50 days after the main shock.

On the other hand, numbers of casualties in all seven counties in Tosa province were recorded in another three documents. We found out that the sum of the numbers of casualties of all seven counties and the castle town of Kochi agree exactly with the report of the lord.

We picked up casualties at villages in Tosa province. We also found out that the numbers of casualties in Hata county 60 is also agree well with the sum of the casualties at villages and cities. Hence we can recognize that the description in old documents were exact and there is few unknown casualties in this county. We made the same check for another counties and for blocks in Kochi castle town, and we clarified the detailed map of distribution of casualties in Tosa Province (See Figure).

It was clarified that, casualties were distributed not on the coastal areas but also in mountainous region in Takaoka county, but in another counties we can not recognize such a distribution. We also found out that casualties were densely distributed in Shin-ichi-machi block (Harimaya-cho 2 chome at present) in Kochi castle town. In Kochi castle town, 106 people were killed, and 55 people were killed in that block.

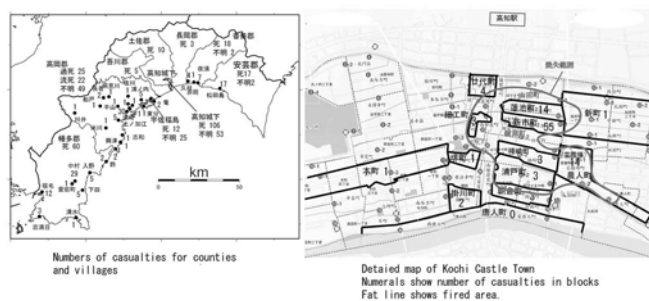


Figure Distribution of casualties due to the 1854 Ansei Nankai Earthquake in Kochi prefecture

Keywords: the 1854 Ansei Nankai Earthquake, casualties due to an earthquake, historical earthquake, Kochi Prefecture