

Relation between code no. 311 boiler as causal agents and type of Fatal and non-fatal accidents in 1999-2020

| code | Type of accident | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | total |
|------|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 01 | fall from height | | 2 | 5 | | 2 | | 4 | 3 | 3 | | 2 | 2 | 3 | 4 | 3 | 1 | 1 | | 2 | 1 | | 1 | 39 |
| 02 | falling to same level | | | 1 | | | | | 3 | 1 | | | 2 | | | | | | 1 | | 2 | 1 | | 11 |
| 03 | crash | | 3 | | | 1 | | | 1 | 2 | | 1 | 2 | | 1 | | 1 | | 2 | | 1 | 1 | | 16 |
| 04 | struck by flying or falling object | | 1 | | | 4 | | 1 | 2 | 1 | | 2 | 4 | | 1 | | 1 | | | | | 1 | 1 | 19 |
| 05 | collapse | | | | | | | | | | | | | | 1 | | | | 1 | | | | | 2 |
| 06 | crashed by | | | | | | | | | | 1 | | | | | 2 | | | | | | | | 3 |
| 07 | caught in/between | | 1 | 3 | | 1 | | | | | 2 | | 1 | | | | 1 | | 2 | 1 | 1 | 1 | | 14 |
| 08 | cut | | | | | | | | | 1 | | 1 | | 1 | | | | | | | 1 | | | 4 |
| 09 | injury to the sole of the foot | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | drown | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | contact to high/low-temperature | | 12 | 15 | | 6 | | 24 | 17 | 25 | 12 | 15 | 11 | 9 | 10 | 13 | 18 | 6 | 7 | 9 | 9 | 11 | 8 | 237 |
| 12 | contact to harmful substance | | | 2 | | 3 | | 1 | | 2 | | | | | | | | | | | | 1 | | 9 |
| 13 | electric shock | | | 1 | | | | | | 1 | 1 | | | | | | | | | | | | | 3 |
| 14 | explosion | | 1 | | | 2 | | | | | 1 | | 1 | 1 | | 1 | | | | 1 | | | | 8 |
| 15 | burst | | 1 | 1 | | | | | | | | | | | 1 | | | | | | | | | 3 |
| 16 | fire | | 1 | | | | | 1 | | | | | | | | | | | | | 1 | | | 3 |
| 17 | traffic accident (public road) | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| 18 | traffic accident (others) | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | reaction to motion/improper motion | | 2 | | | | | 1 | 1 | | | 1 | | | | | | | | | | | | 5 |
| 90 | others | | | | | | | | | | | 1 | | | | | | | | | 1 | | | 2 |
| 99 | unclassifiable | | | | | | | | | | | | | | | | | | | | | | | |
| 00 | total | | 24 | 28 | | 19 | | 32 | 27 | 36 | 17 | 23 | 23 | 14 | 18 | 19 | 22 | 7 | 13 | 14 | 16 | 17 | 10 | 379 |

Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to <https://www.jisha.or.jp/english/statistics/2020enfctcs.html>