Relation between small causal agents and type of Fatal accidents in code no. 10801 non organic or organic chemical products as small industry in 1999-2020

| | on between small car | | | | | | | | 11 | | | 14 | _ | 16 | | 18 | 19 | 90 | 99 | 00 |
|------|--|------|---------------|-------|--------------|----------|--|------------------|--|---------|-------------------|-----------|---|------|---------------------|---------|-----------------------------|----|----|----|
| code | | fall | falling to | crash | struck by | collapse | | injury to the | contact to high/low- temperature | contact | electric shock | explosion | | fire | traffic accident | traffic | reaction to motion/improper | | | |
| 111 | engine | | | | | | | | | | | | | | | | | | | 0 |
| 121 | power transmission mechanism | | | | | | | | | | | | | | | | | | | 0 |
| 131 | circular sawing machine | | | | | | | | | | | | | | | | | | | 0 |
| 132 | band sawing machine | | | | | | | | | | | | | | | | | | | 0 |
| 133 | wood planer machine | | | | | | | | | | | | | | | | | | | 0 |
| 134 | hollow chisel mortiser, wood borer | | | | | | | | | | | | | | | | | | | 0 |
| 135 | chamfering machine, router, woodworking milling machine | | | | | | | | | | | | | | | | | | | O |
| 136 | chain saw | | | | | | | | | | | | | | | | | | | 0 |
| 139 | other woodworking machines | | | | | | | | | | | | | | | | | | | 0 |
| 141 | leveling, transporting or loading machine | | | | | | | | | | | | | | | | | | | 0 |
| 142 | excavating machine | | | | | | | | | | | | | | | | | | | 0 |
| 143 | foundation work machine | | | | | | | | | | | | | | | | | | | 0 |
| 144 | hardening machine | | | | | | | | | | | | | | | | | | | 0 |
| 145 | demolition machine | | | | | | | | | | | | | | | | | | | 0 |
| 146 | vehicle for high lift work | | | | | | | | | | | | | | | | | | | 0 |
| 149 | other construction machines | | | | | | | | | | | | | | | | | | | 0 |
| | lathe | | | | | | | | | | | | | | | | | | | 0 |
| | drill press, milling machine | | | | | | | | | | | | | | | | | | | 0 |
| 153 | grinding machine, buffing machine | | | | | | | | | | | | | | | | | | | 0 |
| 154 | power press | | | | | | | | | | | | | | | | | | | 0 |
| 155 | forging pressure | | | | | | | | | | | | | | | | | | | 0 |

| | hammer | | | | | | | | | | | | | | |
|-----|--|---|---|---|--|---|---|--|--|---|--|---|--|----------|---|
| 156 | shearing machine | | | | | | | | | | | | | | 0 |
| 159 | other metal manufacturing machines | | | | | | | | | | | | | | 0 |
| 161 | centrifugal machine | | | | | | | | | | | | | | 0 |
| 162 | mixer, grinder | | | | | 3 | | | | | | | | | 3 |
| 163 | roll machine (except printingroll machine) | | | | | 1 | | | | | | | | | 1 |
| 164 | injection molding machine | | | | | | | | | | | | | | 0 |
| | food manufacturing machine | | | | | | | | | | | | | | 0 |
| 166 | printing machine | | | | | | | | | | | | | | 0 |
| 167 | industrial robot | | | | | 1 | | | | | | | | | 1 |
| 169 | other general power machines | | | 1 | | 3 | | | | 1 | | 2 | | | 7 |
| 171 | felling machine | | | | | | | | | | | | | | 0 |
| 172 | mobile logging machine | | | | | | | | | | | | | | 0 |
| 173 | skyline yarding machine | | | | | | | | | | | | | | 0 |
| | other mobile silviculture machine | | | | | | | | | | | | | | 0 |
| | crane | | | | | 1 | | | | | | | | | 1 |
| 212 | mobile crane | | | | | | | | | | | | | | 0 |
| 213 | derrick crane | | | | | | | | | | | | | | 0 |
| 214 | cicvator, int | 1 | | | | | | | | | | | | <u> </u> | 1 |
| 215 | cargo lifting appliance | | | | | | | | | | | | | | 0 |
| | gondola | | | | | | Щ | | | | | | | | 0 |
| | lumberyard equipment, logging cableway | | | | | | | | | | | | | | 0 |
| 218 | simple skyline yarding equipment | | | | | | | | | | | | | | 0 |
| 219 | other powered crane | | | | | | | | | | | | | | 0 |
| 221 | truck | | | | | | | | | | | | | | 0 |
| | forklift | 1 | 1 | | | | | | | | | | | | 2 |
| 223 | railway equipment | | | | | | | | | | | | | | 0 |
| 224 | conveyor loader | | | | | 3 | | | | | | | | | 3 |
| 225 | loader | | | | | | | | | | | | | | 0 |

| 226 | straddle carrier | | | | | | | | | | | | | | 0 |
|-----|--|---|---|--|--|--|--|---|---|----|---|---|--|---|----|
| 227 | rough terrain hauler | | | | | | | | | | | | | | 0 |
| 229 | other powered conveying machines | | | | | | | | | | | | | | 0 |
| 231 | cars, bus, motorcycle | | | | | | | | | | | 2 | | | 2 |
| | railway vehicle | | | | | | | | | | | | | | 0 |
| | other vehicles | | | | | | | | | | | | | | 0 |
| | boiler | | | | | | | | | | | | | | 0 |
| 312 | pressure vessel | | | | | | | | | 1 | | | | | 1 |
| 19 | other pressure vessels | | 1 | | | | | | | | | | | | 1 |
| 21 | chemical facilities | | | | | | | | | 10 | 1 | | | | 11 |
| 31 | gas welding equipment | | | | | | | | | | | | | | 0 |
| 22 | arc welding equipment | | | | | | | | | | | | | | 0 |
| 20 | other welding equipment | | | | | | | | | | | | | | 0 |
| 41 | kiln, caldron | | 1 | | | | | | | | | | | 1 | 2 |
| 42 | industrial dryer | | | | | | | | | | | | | | 0 |
| 49 | other kiln, caldron | | | | | | | | | | | | | | 0 |
| 51 | transmission | | | | | | | | | | | | | | 0 |
| 352 | electric power facilities | | | | | | | | 1 | | | | | | 1 |
| 59 | other electrical equipment | | | | | | | | | | | | | | 0 |
| 261 | human power cranes | | | | | | | | | | | | | | 0 |
| 62 | human power hauling equipment | | | | | | | | | | | | | | 0 |
| 63 | human power machine | | | | | | | | | | | | | | 0 |
| | hand tool | | | | | | | | | | | | | | 0 |
| | ladder | 1 | | | | | | | | | | | | | 1 |
| | slinging tool | | | | | | | | | | | | | | 0 |
| | other tools | | | | | | | | | | | | | | 0 |
| 91 | other equipments, facilities | | | | | | | 1 | 1 | | | | | | 2 |
| | scaffolding | | | | | | | | | | | | | | 0 |
| | timbering | | | | | | | | | | | | | | 0 |
| 13 | stairs, landing stage | | | | | | | | | | | | | | 0 |
| | opening | | | | | | | | | | | | | | 0 |
| | roof, beam, haze, | | | | | | | | | | | | | 1 | |

| | principal rafter | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
|-----|---|---|---|---|---|---|---|----|---|---|---|---|----|---|----|---|---|---|---|---|---|---|----|
| | working platform, boot board | | | | | | | | | | | | | | | | | | | | | | 0 |
| | passage | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 418 | building, establishment | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| 419 | other temporary buildings, establishments | | | | | | | | | | | | | | | | | | | | | | 0 |
| 511 | explosive substance | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| 512 | inflammable substance | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| | inflammable gas | | | | | | | | | | | | | | | | | | | | | | 0 |
| | harmful substance | | | | | | | | | | | | 11 | | | | | | | | | | 11 |
| 515 | radiation | | | | | | | | | | | | | | | | | | | | | | 0 |
| 519 | other hazards, harmful substances | | | | | | | | | | | | 2 | | 4 | | 1 | | | | | | 7 |
| 521 | metal material | | | | | | | | | | | | | | | | | | | | | | 0 |
| 522 | lumber, bamboo | | | | | | | | | | | | | | | | | | | | | | 0 |
| 523 | stone, sand, substance | | | | | | | | | | | | | | | | | | | | | | 0 |
| 529 | other materials | | | | 1 | | | | | | | | | | | | 1 | | | | | | 2 |
| 611 | load | | | | | 2 | | | | | | | | | | | | | | | | | 2 |
| 612 | machine/equipment as load | | | | | | | | | | | | | | | | | | | | | | 0 |
| 711 | natural ground, rock | | | | | | | | | | | | | | | | | | | | | | 0 |
| 712 | standing tree | | | | | | | | | | | | | | | | | | | | | | 0 |
| 713 | water | | | | | | | | | | 1 | | | | | | | | | | | | 1 |
| 714 | abnormal environment | | | | | | | | | | | | 9 | | | | | | | | | | 9 |
| 715 | high/cold temperature environment | | | | | | | | | | | | | | | | | | | | | | 0 |
| 719 | other environments | | | | | | | | | | | | | | | | | | | | | | 0 |
| 911 | other causal agent | | | | | | | | | | | | | | | | | | | | | | 0 |
| 921 | no causal agent | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| 999 | unclassifiable | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 000 | total | 6 | 3 | 0 | 2 | 2 | 0 | 12 | 0 | 0 | 1 | 2 | 22 | 3 | 17 | 0 | 5 | 2 | 0 | 0 | 2 | 1 | 80 |

Data of 2011 year do not include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: https://anzeninfo.mhlw.go.jp/anzen_pg/SIB_FND.aspx (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2020efretcs.html