

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| machine | 1,267 | 1,262 | 1,159 | 1,086 | 997 | 977 | 965 | 941 | 1,022 | 916 | 668 | 736 | 736 | 731 | 684 | 705 | 627 | 632 | 609 | 659 | 623 | 599 | 615 | 574 | 19,790 |
| tools | 454 | 498 | 449 | 467 | 558 | 578 | 550 | 528 | 501 | 564 | 445 | 477 | 537 | 481 | 468 | 451 | 537 | 480 | 465 | 564 | 550 | 437 | 408 | 366 | 11,813 |
| other equipments, facilities | 195 | 165 | 222 | 191 | 161 | 192 | 163 | 156 | 182 | 195 | 158 | 182 | 159 | 181 | 169 | 176 | 169 | 189 | 144 | 177 | 146 | 153 | 163 | 156 | 4,144 |
| load | 205 | 198 | 207 | 173 | 206 | 166 | 150 | 172 | 178 | 142 | 133 | 131 | 122 | 129 | 133 | 142 | 111 | 118 | 97 | 113 | 114 | 107 | 106 | 108 | 3,461 |
| natural environment | 107 | 113 | 117 | 127 | 126 | 114 | 88 | 90 | 91 | 103 | 125 | 93 | 98 | 82 | 96 | 76 | 89 | 86 | 71 | 87 | 86 | 79 | 93 | 96 | 2,333 |
| temporary buildings, establishments | 179 | 214 | 177 | 175 | 180 | 177 | 181 | 172 | 148 | 139 | 109 | 145 | 105 | 112 | 107 | 106 | 99 | 124 | 112 | 126 | 128 | 101 | 96 | 93 | 3,305 |
| other causal agents | 316 | 283 | 178 | 182 | 191 | 156 | 140 | 132 | 138 | 126 | 97 | 83 | 137 | 106 | 96 | 123 | 105 | 82 | 108 | 99 | 88 | 56 | 69 | 74 | 3,165 |
| conveying machine | 108 | 101 | 130 | 86 | 84 | 91 | 99 | 103 | 65 | 82 | 75 | 74 | 64 | 56 | 60 | 57 | 52 | 63 | 71 | 64 | 56 | 55 | 65 | 53 | 1,814 |
| no causal agent | 15 | 11 | 10 | 9 | 4 | 10 | 8 | 7 | 6 | 14 | 9 | 5 | 6 | 14 | 7 | 11 | 7 | 3 | 11 | 13 | 9 | 14 | 11 | 20 | 234 |
| construction machine | 65 | 51 | 49 | 47 | 31 | 39 | 41 | 37 | 36 | 43 | 35 | 30 | 29 | 30 | 30 | 26 | 29 | 25 | 18 | 24 | 12 | 23 | 19 | 19 | 788 |
| vehicle | 30 | 27 | 27 | 20 | 32 | 21 | 21 | 15 | 17 | 31 | 19 | 24 | 19 | 15 | 19 | 11 | 8 | 20 | 12 | 16 | 20 | 10 | 15 | 14 | 463 |
| crane | 13 | 24 | 24 | 22 | 22 | 13 | 14 | 14 | 13 | 20 | 10 | 7 | 14 | 10 | 10 | 6 | 11 | 9 | 9 | 13 | 10 | 11 | 14 | 10 | 323 |
| power transmission mechanism | 24 | 26 | 17 | 13 | 20 | 14 | 20 | 10 | 18 | 18 | 7 | 13 | 14 | 9 | 14 | 8 | 8 | 8 | 9 | 6 | 5 | 8 | 8 | 9 | 306 |
| electric equipment | 8 | 9 | 13 | 10 | 9 | 14 | 5 | 4 | 8 | 10 | 3 | 5 | 5 | 8 | 4 | 6 | 5 | 9 | 4 | 7 | 3 | 4 | 5 | 6 | 164 |
| mobile silviculture machine | | | | | | | | | | | | | | | | | 4 | 3 | 3 | 3 | 6 | 4 | 3 | 6 | 32 |
| unclassifiable | 22 | 13 | 9 | 11 | 8 | 11 | 5 | 8 | 5 | 4 | 4 | 7 | 9 | 4 | 5 | 3 | 5 | 5 | | 7 | 4 | | 1 | 4 | 154 |
| welding equipment | 10 | 8 | 9 | 8 | 6 | 2 | 3 | 5 | 10 | 6 | 3 | 3 | 4 | 1 | 1 | 6 | 3 | 9 | 6 | 2 | 3 | 2 | 1 | 2 | 113 |
| kiln, caldron | 2 | 4 | 2 | 3 | | 1 | 4 | 2 | 2 | 1 | 4 | 2 | 1 | 3 | 2 | 3 | 1 | | 3 | 1 | 4 | 2 | | 2 | 49 |
| hazards, harmful substances | 5 | 4 | 6 | 1 | 4 | 5 | 5 | 6 | 2 | 5 | 2 | 3 | 5 | 3 | 3 | 1 | 4 | 10 | 7 | 4 | 5 | 3 | 7 | 1 | 101 |
| engine | 3 | 1 | 6 | 2 | 2 | 4 | 2 | 4 | 2 | 2 | 4 | 1 | 3 | 6 | | | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 1 | 55 |
| pressure vessel | 3 | 2 | 3 | 2 | 4 | 2 | | 1 | 2 | | 2 | 1 | 2 | 1 | | 2 | 1 | | | 1 | | | | | 29 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|----|
| chemical facilities | | | | | 2 | 2 | 1 | 2 | | | | | | | | | | | | 2 | 1 | | | | | 11 |
|---------------------|--|--|--|--|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|----|

Transition of Causal agent (S) of fatal & non-fatal accident (cut) in 1999-2022

| Causal agent (S) | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | total |
|------------------------------------|------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| hand tool | | 3,233 | 3,323 | | 3,176 | | 2,987 | 2,899 | 2,918 | 2,672 | 2,426 | 2,509 | 2,351 | 2,623 | 2,596 | 2,407 | 2,393 | 2,247 | 2,240 | 2,286 | 2,265 | 2,304 | 2,423 | 2,415 | 54,693 |
| other general power machines | | 1,323 | 1,232 | | 1,212 | | 997 | 979 | 974 | 896 | 871 | 822 | 832 | 775 | 736 | 733 | 768 | 722 | 702 | 650 | 722 | 697 | 681 | 735 | 18,059 |
| food manufacturing machine | | 1,059 | 1,036 | | 1,038 | | 965 | 852 | 868 | 989 | 845 | 845 | 873 | 826 | 820 | 759 | 812 | 809 | 768 | 696 | 758 | 746 | 664 | 681 | 17,709 |
| circular sawing machine | | 2,297 | 2,106 | | 1,914 | | 1,558 | 1,452 | 1,351 | 1,250 | 1,049 | 1,054 | 993 | 952 | 925 | 905 | 765 | 718 | 668 | 672 | 703 | 628 | 645 | 562 | 23,167 |
| other materials | | 581 | 554 | | 575 | | 526 | 571 | 537 | 519 | 496 | 452 | 467 | 512 | 512 | 505 | 451 | 431 | 360 | 371 | 423 | 357 | 342 | 394 | 9,936 |
| metal material | | 673 | 710 | | 596 | | 577 | 589 | 513 | 497 | 420 | 419 | 387 | 490 | 428 | 418 | 389 | 405 | 369 | 358 | 380 | 344 | 332 | 371 | 9,665 |
| other tools | | 466 | 429 | | 529 | | 526 | 508 | 480 | 548 | 431 | 462 | 521 | 467 | 450 | 436 | 526 | 462 | 449 | 541 | 532 | 422 | 395 | 349 | 9,929 |
| grinding machine, buffing machine | | 529 | 494 | | 464 | | 472 | 408 | 508 | 441 | 363 | 394 | 419 | 376 | 362 | 368 | 350 | 345 | 350 | 356 | 350 | 346 | 350 | 334 | 8,379 |
| chain saw | | 597 | 566 | | 626 | | 556 | 538 | 618 | 570 | 614 | 609 | 558 | 499 | 451 | 478 | 446 | 399 | 388 | 344 | 367 | 397 | 402 | 326 | 10,349 |
| other equipments, facilities | | 165 | 222 | | 161 | | 163 | 156 | 182 | 195 | 158 | 182 | 159 | 181 | 169 | 176 | 169 | 189 | 144 | 177 | 146 | 153 | 163 | 156 | 3,566 |
| other metal manufacturing machines | | 406 | 404 | | 305 | | 291 | 300 | 291 | 299 | 193 | 203 | 194 | 208 | 193 | 221 | 164 | 174 | 176 | 201 | 170 | 154 | 170 | 146 | 4,863 |
| other woodworking machines | | 582 | 503 | | 432 | | 367 | 317 | 325 | 298 | 250 | 257 | 274 | 229 | 241 | 227 | 198 | 199 | 198 | 179 | 188 | 160 | 150 | 143 | 5,717 |
| load | | 179 | 191 | | 187 | | 133 | 156 | 156 | 131 | 118 | 118 | 115 | 120 | 117 | 133 | 104 | 110 | 88 | 105 | 103 | 98 | 97 | 101 | 2,660 |
| wood planer machine | | 547 | 492 | | 396 | | 309 | 271 | 243 | 264 | 206 | 187 | 182 | 142 | 151 | 138 | 120 | 124 | 113 | 115 | 98 | 105 | 90 | 89 | 4,382 |
| other environments | | 59 | 66 | | 73 | | 59 | 60 | 51 | 56 | 66 | 62 | 51 | 49 | 63 | 51 | 44 | 60 | 44 | 62 | 64 | 56 | 74 | 84 | 1,254 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----|-----|--|-----|--|-----|-----|-----|-----|----|----|-----|-----|----|-----|-----|----|-----|----|----|----|----|----|-------|
| other causal agents | | 283 | 178 | | 191 | | 140 | 132 | 138 | 126 | 97 | 83 | 137 | 106 | 96 | 123 | 105 | 82 | 108 | 99 | 88 | 56 | 69 | 74 | 2,511 |
| other temporary buildings, establishments | | 63 | 62 | | 60 | | 63 | 59 | 42 | 49 | 28 | 34 | 39 | 47 | 29 | 39 | 40 | 43 | 39 | 53 | 57 | 41 | 26 | 45 | 958 |
| drill press, milling machine | | 154 | 104 | | 101 | | 90 | 87 | 85 | 64 | 38 | 47 | 47 | 41 | 44 | 39 | 44 | 32 | 25 | 30 | 27 | 22 | 27 | 36 | 1,184 |
| band sawing machine | | 180 | 159 | | 116 | | 103 | 75 | 91 | 80 | 65 | 52 | 64 | 54 | 62 | 51 | 53 | 41 | 27 | 40 | 22 | 37 | 29 | 32 | 1,433 |
| lathe | | 83 | 87 | | 71 | | 61 | 93 | 64 | 59 | 37 | 41 | 42 | 55 | 43 | 41 | 36 | 36 | 24 | 32 | 47 | 36 | 38 | 30 | 1,056 |
| truck | | 53 | 60 | | 40 | | 50 | 46 | 38 | 36 | 43 | 38 | 28 | 27 | 39 | 25 | 27 | 30 | 38 | 33 | 26 | 31 | 31 | 29 | 768 |
| human power hauling equipment | | 28 | 22 | | 31 | | 22 | 26 | 26 | 37 | 24 | 18 | 25 | 20 | 30 | 33 | 15 | 26 | 34 | 30 | 32 | 21 | 26 | 26 | 552 |
| mixer, grinder | | 38 | 51 | | 38 | | 44 | 29 | 25 | 34 | 25 | 25 | 25 | 28 | 33 | 21 | 25 | 17 | 22 | 27 | 30 | 20 | 39 | 25 | 621 |
| lumber, bamboo | | 80 | 66 | | 60 | | 57 | 51 | 53 | 44 | 41 | 31 | 32 | 33 | 50 | 31 | 29 | 34 | 40 | 36 | 33 | 34 | 34 | 24 | 893 |
| shearing machine | | 55 | 53 | | 43 | | 38 | 35 | 61 | 47 | 32 | 45 | 29 | 47 | 31 | 28 | 27 | 37 | 23 | 32 | 21 | 32 | 23 | 21 | 760 |
| no causal agent | | 11 | 10 | | 4 | | 8 | 7 | 6 | 14 | 9 | 5 | 6 | 14 | 7 | 11 | 7 | 3 | 11 | 13 | 9 | 14 | 11 | 20 | 200 |
| building, establishment | | 81 | 59 | | 62 | | 65 | 64 | 58 | 53 | 42 | 55 | 37 | 37 | 44 | 35 | 22 | 51 | 43 | 41 | 40 | 29 | 39 | 19 | 976 |
| human power machine | | 33 | 27 | | 18 | | 30 | 23 | 25 | 25 | 16 | 22 | 16 | 17 | 19 | 23 | 16 | 14 | 20 | 15 | 26 | 17 | 22 | 16 | 440 |
| ladder | | 23 | 17 | | 18 | | 22 | 13 | 18 | 13 | 10 | 9 | 12 | 13 | 16 | 12 | 9 | 12 | 13 | 15 | 14 | 8 | 9 | 14 | 290 |
| conveyor | | 36 | 44 | | 25 | | 20 | 34 | 20 | 30 | 21 | 26 | 21 | 20 | 13 | 20 | 16 | 24 | 21 | 17 | 14 | 15 | 22 | 13 | 472 |
| printing machine | | 36 | 32 | | 18 | | 23 | 22 | 24 | 29 | 23 | 22 | 16 | 13 | 20 | 11 | 12 | 16 | 14 | 11 | 15 | 18 | 19 | 13 | 407 |
| standing tree | | 43 | 38 | | 34 | | 21 | 21 | 34 | 39 | 47 | 23 | 38 | 21 | 22 | 17 | 33 | 21 | 20 | 21 | 19 | 20 | 17 | 10 | 559 |
| other construction machines | | 30 | 34 | | 18 | | 25 | 22 | 19 | 25 | 26 | 18 | 21 | 23 | 15 | 11 | 13 | 15 | 10 | 14 | 7 | 12 | 15 | 10 | 383 |
| cars, bus, motorcycle | | 23 | 20 | | 24 | | 17 | 14 | 8 | 27 | 17 | 20 | 14 | 10 | 17 | 10 | 5 | 16 | 6 | 13 | 15 | 7 | 13 | 10 | 306 |
| power transmission mechanism | | 26 | 17 | | 20 | | 20 | 10 | 18 | 18 | 7 | 13 | 14 | 9 | 14 | 8 | 8 | 8 | 9 | 6 | 5 | 8 | 8 | 9 | 255 |
| roll machine (except | | 10 | 18 | | 12 | | 17 | 9 | 12 | 10 | 10 | 6 | 4 | 10 | 10 | 8 | 11 | 7 | 6 | 9 | 3 | 9 | 6 | 9 | 196 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----|----|--|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| printingroll machine) | | | | | | | | | | | | | | | | | | | | | | | | | |
| hollow chisel mortisers, wood borer | | 48 | 61 | | 40 | | 21 | 18 | 21 | 18 | 15 | 9 | 16 | 14 | 12 | 7 | 12 | 4 | 10 | 8 | 5 | 4 | | 8 | 351 |
| chamfering machine, router, woodworking milling machine | | 88 | 76 | | 65 | | 44 | 45 | 47 | 43 | 33 | 20 | 30 | 26 | 24 | 21 | 22 | 18 | 15 | 31 | 17 | 16 | 19 | 7 | 707 |
| machine/equipment as load | | 19 | 16 | | 19 | | 17 | 16 | 22 | 11 | 15 | 13 | 7 | 9 | 16 | 9 | 7 | 8 | 9 | 8 | 11 | 9 | 9 | 7 | 257 |
| roof, beam, haze, crossbeam, principal rafter | | 17 | 21 | | 9 | | 14 | 8 | 11 | 5 | 10 | 13 | 5 | 6 | 7 | 7 | 8 | 4 | 7 | 5 | 7 | 8 | 5 | 7 | 184 |
| working platform, boot board | | 15 | 6 | | 21 | | 2 | 7 | 11 | 6 | 8 | 14 | 7 | 2 | 6 | 8 | 9 | 8 | 2 | 7 | 3 | 9 | 7 | 7 | 165 |
| power press | | 34 | 17 | | 12 | | 13 | 18 | 12 | 6 | 5 | 6 | 5 | 4 | 11 | 8 | 6 | 7 | 10 | 8 | 7 | 9 | 7 | 6 | 211 |
| human power cranes | | | | | 5 | | 2 | | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | 1 | 6 | 1 | 6 | 6 | 41 | |
| passage | | 19 | 10 | | 17 | | 18 | 19 | 17 | 14 | 10 | 17 | 8 | 7 | 12 | 9 | 16 | 11 | 10 | 10 | 12 | 7 | 12 | 5 | 260 |
| other powered conveying machines | | 5 | 14 | | 10 | | 16 | 11 | 4 | 8 | 4 | 6 | 10 | 4 | 4 | 5 | 4 | 4 | 6 | 8 | 7 | 2 | 4 | 5 | 141 |
| forklift | | 7 | 11 | | 8 | | 11 | 10 | 3 | 8 | 6 | 4 | 4 | 5 | 4 | 7 | 5 | 5 | 5 | 5 | 8 | 6 | 7 | 5 | 134 |
| other electrical equipment | | 7 | 11 | | 9 | | 4 | 2 | 5 | 10 | 2 | 5 | 4 | 6 | 4 | 5 | 4 | 8 | 3 | 6 | 3 | 4 | 5 | 5 | 112 |
| crane | | 5 | 6 | | 9 | | 6 | 5 | 6 | 13 | 3 | 2 | 7 | 4 | 1 | 3 | 3 | 1 | 7 | 4 | 6 | 8 | 7 | 5 | 111 |
| unclassifiable | | 13 | 9 | | 8 | | 5 | 8 | 5 | 4 | 4 | 7 | 9 | 4 | 5 | 3 | 5 | 5 | | 7 | 4 | | 1 | 4 | 110 |
| scaffolding | | 16 | 7 | | 5 | | 9 | 6 | 3 | 4 | 6 | 6 | 3 | 6 | 6 | 4 | 1 | 2 | 4 | 5 | 5 | 3 | 3 | 4 | 108 |
| excavating machine | | 6 | 1 | | 4 | | 7 | 2 | 3 | 8 | | 3 | 2 | 1 | 2 | 6 | 4 | 1 | 2 | 5 | 3 | 5 | 1 | 4 | 70 |
| opening | | | 4 | | | | 1 | | 2 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | 2 | 2 | | 1 | 1 | | 4 | 25 |
| stone, sand, substance | | 15 | 9 | | 10 | | 6 | 14 | 3 | 6 | 4 | 2 | 5 | 6 | 2 | 3 | 5 | 4 | 2 | 3 | 7 | 1 | 4 | 3 | 114 |
| slinging tool | | 9 | 3 | | 11 | | 2 | 7 | 3 | 3 | 4 | 6 | 4 | 1 | 2 | 3 | 2 | 6 | 3 | 8 | 4 | 7 | 4 | 3 | 95 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----|----|--|----|--|---|---|----|---|---|---|---|---|---|---|----|----|---|---|---|---|---|----|-----|
| other vehicles | | 3 | 7 | | 7 | | 4 | 1 | 8 | 4 | 1 | 4 | 2 | 4 | 2 | 1 | 2 | 4 | 6 | 1 | 5 | 2 | 2 | 3 | 73 |
| mobile crane | | 12 | 9 | | 6 | | 1 | 4 | 2 | 4 | 2 | 4 | 4 | 1 | 3 | 1 | 3 | 2 | | 4 | 3 | 1 | 2 | 3 | 71 |
| other mobile silviculture machine | | | | | | | | | | | | | | | | | 1 | | 1 | 2 | 3 | 2 | 3 | 12 | |
| demolition machine | | 6 | 9 | | 6 | | 5 | 7 | 11 | 6 | 7 | 5 | 4 | 4 | 4 | 5 | 7 | 5 | 2 | 2 | 1 | 4 | 3 | 2 | 105 |
| leveling, transporting or loading machine | | 5 | 3 | | | | 2 | 5 | | 3 | 1 | 3 | 1 | | 5 | 4 | 3 | 1 | 2 | 1 | | | | 2 | 41 |
| other welding equipment | | 5 | 6 | | 3 | | 2 | 2 | 2 | 1 | | | | 1 | 1 | 1 | 1 | 4 | 2 | | 3 | | | 2 | 36 |
| felling machine | | | | | | | | | | | | | | | | | 3 | 2 | 3 | 2 | 4 | 1 | 1 | 2 | 18 |
| natural ground, rock | | 10 | 11 | | 18 | | 6 | 7 | 4 | 7 | 9 | 8 | 5 | 9 | 9 | 8 | 12 | 4 | 7 | 4 | 3 | 3 | 2 | 1 | 147 |
| injection molding machine | | 8 | 6 | | 11 | | 4 | 6 | 7 | 1 | 3 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 2 | 5 | 2 | 4 | 1 | 1 | 87 |
| stairs, landing stage | | 2 | 4 | | 5 | | 8 | 7 | 3 | 6 | 3 | 3 | 5 | 5 | 2 | 2 | 2 | 2 | 4 | 5 | 3 | 2 | 4 | 1 | 78 |
| other hazards, harmful substances | | 2 | 4 | | 2 | | 3 | 4 | 1 | 4 | 2 | 2 | 4 | 3 | 1 | 1 | 3 | 10 | 7 | 2 | 5 | 2 | 6 | 1 | 69 |
| engine | | 1 | 6 | | 2 | | 2 | 4 | 2 | 2 | 4 | 1 | 3 | 6 | | | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 1 | 46 |
| other powered crane | | 6 | 5 | | 4 | | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 1 | | 1 | 2 | | 1 | | | 4 | 1 | 41 |
| elevator, lift | | 1 | 3 | | 2 | | 1 | 3 | 2 | 2 | 2 | | 1 | 2 | 4 | 2 | 2 | 4 | | 2 | 1 | 2 | 1 | 1 | 38 |
| foundation work machine | | 4 | 2 | | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | | 2 | 3 | 1 | 1 | 1 | 2 | | 1 | 27 |
| kiln, caldron | | 2 | 2 | | | | | 1 | 1 | | 3 | 1 | | 2 | 1 | 2 | | | 1 | 1 | 2 | 1 | | 1 | 21 |
| industrial dryer | | 2 | | | | | 4 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | | 2 | 1 | | | 1 | 21 |
| timbering | | 1 | 4 | | 1 | | 1 | 2 | 1 | 1 | | 2 | | 1 | 1 | 1 | | 1 | 1 | | | 1 | | 1 | 20 |
| water | | 1 | 1 | | 1 | | 2 | 1 | | 1 | 2 | | 4 | 1 | 2 | | | 1 | | | | | | 1 | 18 |
| railway vehicle | | 1 | | | 1 | | | | 1 | | 1 | | 3 | 1 | | | 1 | | | 2 | | 1 | | 1 | 13 |
| electric power facilities | | 1 | | | | | | 2 | 2 | | | | | 2 | | 1 | | 1 | | 1 | | | | 1 | 11 |

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|---|--|---|---|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| forging pressure hammer | | 1 | | | 1 | | | | 1 | | | | | | | | 1 | 1 | | 1 | | | 1 | 7 | |
| loader | | | | | 1 | | 1 | 1 | | | | | | | | | | 1 | | | | | | 1 | 5 |
| skyline yarding machine | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | 2 |
| arc welding equipment | | 3 | 2 | | 3 | | 1 | 3 | 7 | 4 | 1 | 3 | 4 | | | 3 | 2 | 4 | 3 | 2 | | 2 | 1 | | 48 |
| industrial robot | | 1 | 6 | | 1 | | 3 | 2 | 3 | 1 | 2 | 1 | 3 | | | 1 | 1 | | | | | 1 | 2 | | 28 |
| centrifugal machine | | 1 | 2 | | 2 | | 1 | | 2 | | | 3 | 1 | 1 | 3 | 1 | | 1 | 1 | 2 | | | 1 | | 22 |
| other pressure vessels | | 1 | 2 | | 3 | | | 1 | | | 1 | 1 | 1 | | | 2 | | | | | | | | | 12 |
| inflammable substance | | 1 | | | 1 | | 1 | 1 | 1 | | | 1 | 1 | | 1 | | 1 | | | 1 | | | | | 10 |
| chemical facilities | | | | | 2 | | 1 | 2 | | | | | | | 1 | | | | | 2 | 1 | | | | 9 |
| gas welding equipment | | | 1 | | | | | | 1 | 1 | 2 | | | | | 2 | | 1 | 1 | | | | | | 9 |
| transmission | | 1 | 2 | | | | 1 | | 1 | | 1 | | | | | 1 | | 1 | | | | | | | 9 |
| lumberyard equipment, logging cableway | | | 1 | | 1 | | | | 1 | | | | | | 1 | | 2 | | | 2 | | | | | 8 |
| hardening machine | | | | | 1 | | | | 2 | | | 1 | | | 2 | | | | | | | | | | 6 |
| railway equipment | | | 1 | | | | 1 | | | | | 1 | | | | | | | 1 | 1 | | 1 | | | 6 |
| pressure vessel | | 1 | 1 | | 1 | | | | 1 | | | | 1 | | | 1 | | | | | | | | | 6 |
| vehicle for high lift work | | | | | 1 | | 1 | | | | | | 1 | | | | | 1 | 1 | | | | | | 5 |
| explosive substance | | | | | | | 1 | 1 | | | | | | | 1 | | | | | 1 | | 1 | | | 5 |
| high/cold temperature environment | | | 1 | | | | | 1 | 2 | | | | 1 | | | | | | | | | | | | 5 |
| gondola | | | | | | | 2 | | | | 1 | | | | | | | 1 | | | | | | | 4 |
| boiler | | | | | | | | | 1 | | 1 | | 1 | | | | | | 1 | | | | | | 4 |
| harmful substance | | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | 1 | | 4 |
| rough terrain hauler | | | | | | | 1 | | | | 1 | | | | | | | | | | | 1 | | | 3 |

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|-------------------------------------|--|--|---|--|--|--|---|---|---|--|---|--|--|--|--|--|---|--|--|--|--|---|
| cargo lifting appliance | | | | | | | 1 | | | | | | | | | | 1 | | | | | 2 |
| flammable gas | | | 1 | | | | | | 1 | | | | | | | | | | | | | 2 |
| abnormal environment | | | | | | | | | 1 | | 1 | | | | | | | | | | | 2 |
| other kiln, caldron | | | | | | | | 1 | | | | | | | | | | | | | | 1 |
| mobile logging machine | | | | | | | | | | | | | | | | | | | | | | |
| derrick crane | | | | | | | | | | | | | | | | | | | | | | |
| simple skyline yarding equipment | | | | | | | | | | | | | | | | | | | | | | |
| straddle carrier | | | | | | | | | | | | | | | | | | | | | | |
| radiation | | | | | | | | | | | | | | | | | | | | | | |

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