

Table 2. Number of adenovirus isolation/detections, by year and diagnosis, 2008-June 2017, Japan

| Adenovirus | Species | Year | | | | | | | | | | | Total | Major clinical diagnosis | | | | |
|------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|-------|----------------------------|-------|-------|-------|--|
| | | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | PCF | | Infectious gastroenteritis | EKC | URI | LRI | |
| Ad 1 | C | 195 | 205 | 228 | 260 | 240 | 252 | 237 | 213 | 192 | 82 | 2,104 | 287 | 257 | 9 | 624 | 213 | |
| Ad 2 | C | 412 | 387 | 471 | 385 | 511 | 447 | 399 | 387 | 441 | 153 | 3,993 | 634 | 562 | 13 | 1,164 | 364 | |
| Ad 3 | B | 431 | 154 | 306 | 474 | 131 | 238 | 397 | 322 | 352 | 85 | 2,890 | 1,005 | 155 | 313 | 671 | 144 | |
| Ad 4 | E | 23 | 5 | 2 | 13 | 102 | 154 | 101 | 101 | 79 | 8 | 588 | 193 | 25 | 130 | 113 | 17 | |
| Ad 5 | C | 146 | 93 | 139 | 103 | 129 | 107 | 90 | 105 | 93 | 42 | 1,047 | 135 | 150 | 5 | 308 | 90 | |
| Ad 6 | C | 33 | 29 | 35 | 32 | 43 | 32 | 60 | 24 | 29 | 9 | 326 | 31 | 49 | 2 | 75 | 36 | |
| Ad 7 | B | 26 | 2 | 2 | - | 2 | 1 | - | - | - | - | 33 | 3 | 2 | 3 | 8 | 5 | |
| Ad 8 | D | 6 | 13 | 7 | 32 | 15 | 17 | 14 | 9 | 4 | 1 | 118 | - | 1 | 112 | 1 | - | |
| Ad 9 | D | - | - | - | 2 | - | - | - | - | 1 | - | 3 | - | - | 3 | - | - | |
| Ad 11 | B | 17 | 3 | 6 | 5 | 3 | 2 | 4 | 2 | 3 | 2 | 47 | 3 | - | 10 | 1 | 1 | |
| Ad 12 | A | - | - | - | 1 | - | 1 | 1 | - | - | - | 3 | - | 3 | - | - | - | |
| Ad 13 | D | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | |
| Ad 15 | D | - | 2 | 1 | - | - | - | - | - | - | - | 3 | - | - | 2 | - | 1 | |
| Ad 19/64 | D | 5 | - | 1 | 1 | 1 | 2 | 4 | 5 | 25 | 2 | 46 | 2 | - | 37 | - | - | |
| Ad 21 | B | - | - | - | - | - | - | - | - | 1 | 1 | 2 | - | - | - | - | - | |
| Ad 31 | A | 10 | 10 | 27 | 20 | 26 | 29 | 16 | 11 | 11 | 4 | 164 | - | 106 | - | 3 | 3 | |
| Ad 33 | D | - | - | - | - | 1 | - | - | 1 | - | - | 2 | - | - | 2 | - | - | |
| Ad 34 | B | 1 | - | - | 1 | - | - | - | - | - | - | 2 | - | - | 1 | - | - | |
| Ad 35 | B | - | - | - | 1 | - | - | 1 | - | 1 | - | 3 | - | - | 1 | - | - | |
| Ad 37 | D | 55 | 49 | 102 | 15 | 18 | 12 | 66 | 44 | 19 | 2 | 382 | 8 | 1 | 322 | 2 | - | |
| Ad 40 | F | - | - | - | 2 | - | - | - | - | - | - | 2 | - | 1 | - | - | - | |
| Ad 41 | F | 39 | 45 | 58 | 64 | 90 | 70 | 74 | 91 | 109 | 36 | 676 | 3 | 615 | - | 1 | 6 | |
| Ad 40/41† | F | 50 | 58 | 86 | 46 | 64 | 34 | 34 | 60 | 25 | 15 | 472 | - | 459 | - | - | 2 | |
| Ad 46 | D | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | 1 | - | - | |
| Ad 53 | D | - | - | 4 | 11 | 10 | 3 | 5 | 8 | 9 | 2 | 52 | 1 | - | 48 | - | - | |
| Ad 54 | D | 4 | - | - | 7 | 15 | 14 | 15 | 103 | 98 | 18 | 274 | 17 | 2 | 236 | - | 3 | |
| Ad 56 | D | - | - | - | 35 | 51 | 32 | 33 | 17 | 12 | 3 | 183 | 2 | 3 | 143 | - | - | |
| Ad others | | - | - | - | - | - | - | 6 | 2 | 2 | - | 10 | - | - | 8 | - | 1 | |
| Ad NT | | 259 | 226 | 286 | 178 | 157 | 190 | 254 | 257 | 121 | 28 | 1,956 | 112 | 413 | 168 | 303 | 243 | |
| Total | | 1,713 | 1,281 | 1,761 | 1,688 | 1,609 | 1,637 | 1,811 | 1,762 | 1,628 | 493 | 15,383 | 2,436 | 2,804 | 1,570 | 3,274 | 1,129 | |

NT: Not typed

(Infectious Agents Surveillance Report: as of June 28, 2017)

PCF: pharyngoconjunctival fever, EKC: epidemic keratoconjunctivitis, URI: upper respiratory infection, LRI: lower respiratory infection

† Ad 40/41 is considered to be detected directly from feces by ELISA kit in which Ad 40 and 41 can not be distinguished from each other.

