



KDCA

Korea Disease Control and Prevention Agency

# Updates on COVID-19 in Republic of Korea

30 September 2020

□ As of 0:00, 30 September 2020, the total number of confirmed cases is 23,812 (including 3,228 imported cases), of which 21,590 cases have been discharged from isolation. There are 93 new local cases, 20 new imported cases, and 6 new deaths.

## Local transmission cases, as of 0:00, 30 September (cumulative since 3 January 2020)

|                   | Total  | City     |         |           |           |          |          |            |            |
|-------------------|--------|----------|---------|-----------|-----------|----------|----------|------------|------------|
|                   |        | Seoul    | Busan   | Daegu     | Incheon   | Gwangju  | Daejeon  | Ulsan      | Sejong     |
| <b>New</b>        | 93     | 51       | 5       | 1         | 4         | 3        | 0        | 1          | 0          |
| <b>Cumulative</b> | 20,584 | 4,880    | 372     | 7,051     | 817       | 440      | 327      | 111        | 61         |
|                   | Total  | Province |         |           |           |          |          |            |            |
|                   |        | Gyeonggi | Gangwon | Chung-buk | Chung-nam | Jeon-buk | Jeon-nam | Gyeong-buk | Gyeong-nam |
| <b>New</b>        | 21     | 0        | 0       | 1         | 2         | 0        | 4        | 0          | 0          |
| <b>Cumulative</b> | 3,799  | 198      | 139     | 419       | 89        | 133      | 1,493    | 216        | 39         |

## Imported cases, as of 0:00, 30 September (cumulative since 3 January 2020)

|              | Total | Region/Country |                  |                |                |              |              | Where confirmed  |                  | Nationality      |                  |
|--------------|-------|----------------|------------------|----------------|----------------|--------------|--------------|------------------|------------------|------------------|------------------|
|              |       | China          | Asia ex-China    | Europe         | America        | Africa       | Oceania      | Point of Entry   | Community        | Korean           | Other            |
| <b>New</b>   | 20    | 0              | 18               | 1              | 1              | 0            | 0            | 5                | 15               | 5                | 15               |
| <b>Total</b> | 3,228 | 23<br>(0.7%)   | 1,589<br>(49.2%) | 574<br>(17.8%) | 944<br>(29.2%) | 83<br>(2.6%) | 15<br>(0.5%) | 1,511<br>(46.8%) | 1,717<br>(53.2%) | 1,950<br>(60.4%) | 1,278<br>(39.6%) |

※ Asia excluding China: Uzbekistan 10, Philippines 1, Indonesia 1, Nepal 3, Iraq 1, Malaysia 2 / Europe: Poland 1 / Americas: US 1

## Case status, as of 0:00, 30 September (cumulative since 3 January 2020)

|  | Discharged from isolation | Under isolation | Severe/critical cases | Deceased |
|--|---------------------------|-----------------|-----------------------|----------|
| As of 0:00<br>29 September (Tue)         | 21,470                    | 1,822           | 115                   | 407      |
| <b>As of 0:00<br/>30 September (Wed)</b> | 21,590                    | 1,809           | 109                   | 413      |
| <b>Difference</b>                        | (+120)                    | (-13)           | (-6)                  | (+6)     |

\* Based on case data reported to the KDCA

\*\* Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy) / Severe: patients treated with oxygen mask and high flow of oxygen therapy

※ Figures subject to correction based on findings from epidemiological investigations

## Overall case and test status, as of 0:00, 30 September (cumulative since 3 January 2020)

| Period<br>(since 3 Jan)                  | Total     | Tested positive (PCR) |                           |                 |          | Testing in progress | Tested negative (PCR) |
|--|-----------|-----------------------|---------------------------|-----------------|----------|---------------------|-----------------------|
|  |           | Confirmed             | Discharged from isolation | Under isolation | Deceased |                     |                       |
| As of 0:00<br>29 September (Tue)         | 2,313,044 | 23,699                | 21,470                    | 1,822           | 407      | 20,056              | 2,269,289             |
| <b>As of 0:00<br/>30 September (Wed)</b> | 2,322,999 | 23,812                | 21,590                    | 1,809           | 413      | 20,596              | 2,278,591             |
| <b>Difference</b>                        | +9,955    | +113                  | +120                      | -13             | +6       | +540                | +9,302                |

\* Based on case data reported to the KDCA

\*\* Testing in progress includes number of completed tests with negative results that are being recorded with delays

※ Figures subject to correction based on findings from epidemiological investigations

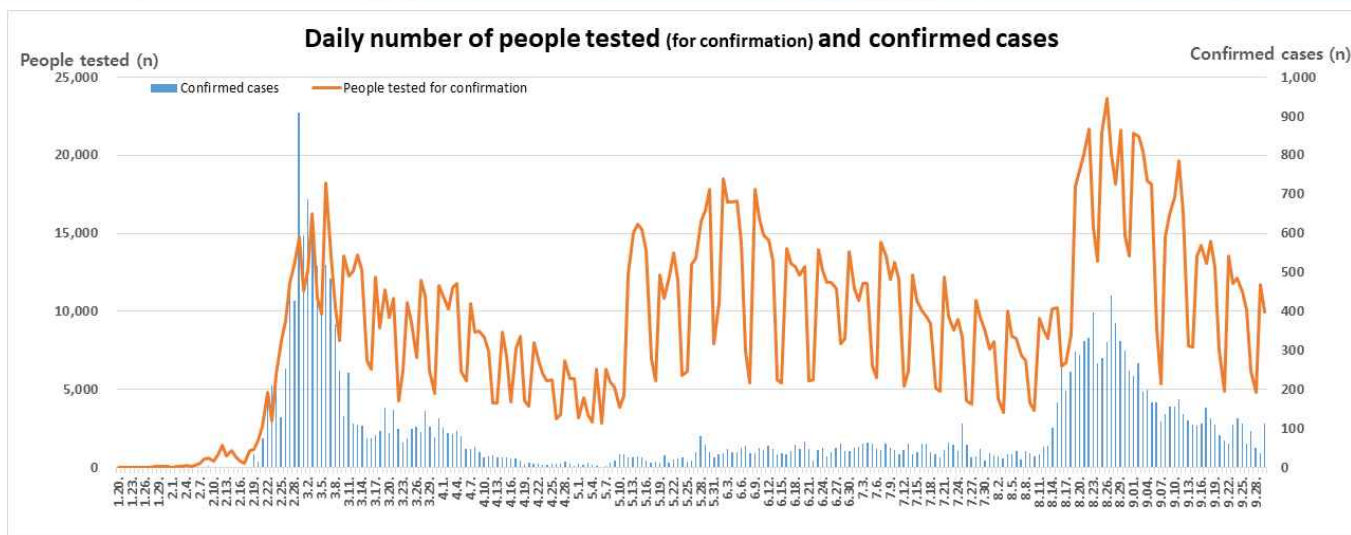


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## Regional distribution of cases, as of 0:00, 30 September (cumulative since 3 January 2020)

| Region           | New cases |           | Total cases   | (%)          | Incidence rate*<br>(per 100,000) |
|------------------|-----------|-----------|---------------|--------------|----------------------------------|
|                  | Local     | Imported  |               |              |                                  |
| Seoul            | 51        | 0         | 5,293         | (22.23)      | 54.38                            |
| Busan            | 5         | 0         | 421           | (1.77)       | 12.34                            |
| Daegu            | 1         | 1         | 7,132         | (29.95)      | 292.72                           |
| Incheon          | 4         | 0         | 916           | (3.85)       | 30.99                            |
| Gwangju          | 3         | 0         | 495           | (2.08)       | 33.98                            |
| Daejeon          | 0         | 2         | 360           | (1.51)       | 24.42                            |
| Ulsan            | 1         | 0         | 147           | (0.62)       | 12.82                            |
| Sejong           | 0         | 0         | 76            | (0.32)       | 22.20                            |
| Gyeonggi         | 21        | 5         | 4,384         | (18.41)      | 33.09                            |
| Gangwon          | 0         | 0         | 224           | (0.94)       | 14.54                            |
| Chungbuk         | 0         | 0         | 171           | (0.72)       | 10.69                            |
| Chungnam         | 1         | 4         | 484           | (2.03)       | 22.80                            |
| Jeonbuk          | 2         | 1         | 128           | (0.54)       | 7.04                             |
| Jeonnam          | 0         | 0         | 169           | (0.71)       | 9.06                             |
| Gyeongbuk        | 4         | 2         | 1,551         | (6.51)       | 58.25                            |
| Gyeongnam        | 0         | 0         | 291           | (1.22)       | 8.66                             |
| Jeju             | 0         | 0         | 59            | (0.25)       | 8.80                             |
| Border Screening | 0         | 5         | 1,511         | (6.35)       | -                                |
| <b>Total</b>     | <b>93</b> | <b>20</b> | <b>23,812</b> | <b>(100)</b> | <b>45.93</b>                     |

\* Total (cumulative) number of cases reported since January 2020 of region / Population of region (based on resident registration data of the Ministry of the Interior as of January 2020)

\* Incidence rate based on the number of confirmed cases with the address of the reporting institution



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## Major local clusters as of 12:00 today (30 September 2020)

| Cluster                            | Location          | New cases | Total cases | Note   |
|------------------------------------|-------------------|-----------|-------------|--|
| <b>Dana Clinic</b>                 | Seoul             | 28        | 30          | * Those who visited the clinic during 15~29 September are requested to get tested regardless of symptoms |
| <b>Daewoo Deoville Plus</b>        | Seoul             | 2         | 54          | Staff and guest (28)<br>Family and friends (26)  |
| <b>Yemaru Day Care Center</b>      | Seoul             | 3         | 30          | Facility users (9) including index case<br>Staff (6)<br>Family/friends (7)<br>Sauna related (8)          |
| <b>Day care center for elderly</b> | Gyeonggi Province | 1         | 26          | Residents (11) including index case<br>Staff (4)<br>Family/friends (10)<br>Others (1)                    |

*\* The specific figures may differ from the daily reported statistics or figures disclosed by local municipalities due to factors such as report timing and differences in the time period considered*



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## REGIONAL DISTRIBUTION AND EPIDEMIOLOGICAL LINKS OF CONFIRMED CASES

| Region         | Confirmed cases |                 |                  |                      |                      |                           |                 |                     |           | Other major clusters  |
|----------------|-----------------|-----------------|------------------|----------------------|----------------------|---------------------------|-----------------|---------------------|-----------|---|
|                | Total           | Imported cases  | Clusters         |                      |                      |                           | Other*          | Under investigation | New cases |   |
|                |                 |                 | Sub-total        | Shin-cheonji cluster | Other local clusters | Related to imported cases |                 |                     |           |   |
| Seoul          | 5,293           | 413             | 2,953            | 8                    | 2,873                | 72                        | 969             | 958                 | 51        | Past large clusters:<br>• Sarang Jeil Church (1,174)<br>• Aug 15 Seoul rallies (646)<br>• Nightclubs (277)<br>• Richway (210)<br>• Guro-gu call center (170)<br>• Coupang fulfillment center (152)<br>• Gwangju door-to-door sales (150)<br>• Fitness/sport facility in Cheonan (123)<br>• Newly planted churches group (119)<br><br>Recent clusters:<br>• Daewoon Deoville plus<br>• Dana clinic<br>• Yemaru Day Care Center<br>• DongA University BumIn campus<br>• Elderly gathering in Pohang<br>• Music academy in Anyang<br>• Defense industry company in Sunngnam<br>• Severance Hospital<br>• Bakaewon (mental health care facility)<br>• Sammosporex Sauna<br>• Kia Motors<br>• Bible study in Dongdaemun-gu<br>• Semyung Christiand Hospital<br>• DY Development<br>• Saemalro Woori Church |
| Busan          | 421             | 49              | 273              | 12                   | 206                  | 55                        | 48              | 51                  | 5         |   |
| Daegu          | 7,132           | 81              | 5,369            | 4,512                | 853                  | 4                         | 933             | 749                 | 2         |   |
| Incheon        | 916             | 99              | 616              | 2                    | 606                  | 8                         | 107             | 94                  | 4         |   |
| Gwangju        | 495             | 55              | 377              | 9                    | 362                  | 6                         | 34              | 29                  | 3         |   |
| Daejeon        | 360             | 33              | 198              | 2                    | 196                  | 0                         | 87              | 42                  | 2         |   |
| Ulsan          | 147             | 36              | 77               | 16                   | 57                   | 4                         | 22              | 12                  | 1         |   |
| Sejong         | 76              | 15              | 47               | 1                    | 45                   | 1                         | 10              | 4                   | 0         |   |
| Gyeonggi       | 4,384           | 585             | 2,505            | 29                   | 2,410                | 66                        | 732             | 562                 | 26        |   |
| Gangwon        | 224             | 26              | 132              | 17                   | 114                  | 1                         | 39              | 27                  | 0         |   |
| Chungbuk       | 171             | 32              | 87               | 6                    | 74                   | 7                         | 28              | 24                  | 0         |   |
| Chungnam       | 484             | 65              | 295              | 0                    | 294                  | 1                         | 72              | 52                  | 5         |   |
| Jeonbuk        | 128             | 39              | 52               | 1                    | 51                   | 0                         | 23              | 14                  | 3         |   |
| Jeonnam        | 169             | 36              | 102              | 1                    | 99                   | 2                         | 24              | 7                   | 0         |   |
| Gyeongbuk      | 1,551           | 58              | 1,151            | 566                  | 585                  | 0                         | 202             | 140                 | 6         |   |
| Gyeongnam      | 291             | 75              | 172              | 32                   | 137                  | 3                         | 21              | 23                  | 0         |   |
| Jeju           | 59              | 20              | 11               | 0                    | 10                   | 1                         | 22              | 6                   | 0         |   |
| Ports of Entry | 1,511           | 1,511           | 0                | 0                    | 0                    | 0                         | 0               | 0                   | 5         |   |
| Total          | 23,812<br>(%)   | 3,228<br>(13.6) | 14,417<br>(60.5) | 5,214<br>(21.9)      | 8,972<br>(37.7)      | 231<br>(1.0)              | 3,373<br>(14.2) | 2,794<br>(11.7)     | 113       |   |

\* Includes contacts of confirmed cases

※ The interim classification is based on the reporting location, which may change depending on further epidemiological investigation.



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## AGE DISTRIBUTION OF SEVERE CASES

|                    | 9.17       | 9.18       | 9.19       | 9.20       | 9.21       | 9.22       | 9.23       | 9.24       | 9.25       | 9.26       | 9.27       | 9.28       | 9.29       | 9.30       |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Total</b>       | <b>160</b> | <b>150</b> | <b>152</b> | <b>146</b> | <b>141</b> | <b>146</b> | <b>139</b> | <b>126</b> | <b>128</b> | <b>122</b> | <b>124</b> | <b>120</b> | <b>115</b> | <b>109</b> |
| <b>Severe</b>      | 84         | 76         | 79         | 74         | 68         | 73         | 63         | 54         | 58         | 56         | 58         | 57         | 52         | 53         |
| <b>Very severe</b> | 76         | 74         | 73         | 72         | 73         | 73         | 76         | 72         | 70         | 66         | 66         | 63         | 63         | 56         |

|              | Total      | Severe    | ( % )            | Critical  | ( % )            |
|--------------|------------|-----------|------------------|-----------|------------------|
| <b>Total</b> | <b>109</b> | <b>53</b> | <b>( 100.0 )</b> | <b>56</b> | <b>( 100.0 )</b> |
| 80 and above | 21         | 12        | ( 22.6 )         | 9         | ( 16.1 )         |
| 70-79        | 42         | 16        | ( 30.2 )         | 26        | ( 46.4 )         |
| 60-69        | 35         | 20        | ( 37.7 )         | 15        | ( 26.8 )         |
| 50-59        | 7          | 3         | ( 5.7 )          | 4         | ( 7.1 )          |
| 40-49        | 3          | 1         | ( 1.9 )          | 2         | ( 3.6 )          |
| 30-39        | 1          | 1         | ( 1.9 )          | 0         | ( 0.0 )          |
| 20-29        | 0          | 0         | ( 0.0 )          | 0         | ( 0.0 )          |
| 10-19        | 0          | 0         | ( 0.0 )          | 0         | ( 0.0 )          |
| 0-9          | 0          | 0         | ( 0.0 )          | 0         | ( 0.0 )          |

\* Critical: patients treated with mechanical ventilator, ECMO (Extracorporeal Membrane Oxygenation), CRRT (Continuous Renal Replacement Therapy)

\* Severe: patients treated with oxygen mask and high flow oxygen therapy

\* ICU treatment is decided based on the need for intensive care based on factors such as clinical condition and presence of any underlying medical condition and may differ from severe and critical case classification criteria. The number of severe/critical cases may not match the number of patients in ICU.



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## Confirmed cases by gender and age group

|       |             | New cases (%) | Total cases (%) | Incidence rate*<br>(per 100,000) |
|-------|-------------|---------------|-----------------|----------------------------------|
| Total |             | 113 (100)     | 23,812 (100)    | 45.93                            |
| Sex   | Male        | 77 (68.14)    | 10,964 (46.04)  | 42.39                            |
|       | Female      | 36 (31.86)    | 12,848 (53.96)  | 49.44                            |
| Age   | 80 or above | 2 (1.77)      | 971 (4.08)      | 51.13                            |
|       | 70-79       | 9 (7.96)      | 1,906 (8.00)    | 52.84                            |
|       | 60-69       | 18 (15.93)    | 3,782 (15.88)   | 59.61                            |
|       | 50-59       | 26 (23.01)    | 4,421 (18.57)   | 51.01                            |
|       | 40-49       | 20 (17.70)    | 3,178 (13.35)   | 37.88                            |
|       | 30-39       | 20 (17.70)    | 2,908 (12.21)   | 41.28                            |
|       | 20-29       | 8 (7.08)      | 4,762 (20.00)   | 69.96                            |
|       | 10-19       | 5 (4.42)      | 1,306 (5.48)    | 26.43                            |
|       | 0-9         | 5 (4.42)      | 578 (2.43)      | 13.93                            |

\* Total (cumulative) number of cases reported since January 2020 by sex and age / Population by sex and age (based on resident registration data of the Ministry of the Interior as of January 2020)

## Deaths by gender and age group

|       |             | New deaths (%) | Total deaths (%) | Case fatality rate (%) |
|-------|-------------|----------------|------------------|------------------------|
| Total |             | 6 (100)        | 413 (100)        | 1.73                   |
| Sex   | Male        | 1 (16.67)      | 217 (52.54)      | 1.98                   |
|       | Female      | 5 (83.33)      | 196 (47.46)      | 1.53                   |
| Age   | 80 or above | 3 (50.00)      | 208 (50.36)      | 21.42                  |
|       | 70-79       | 3 (50.00)      | 136 (32.93)      | 7.14                   |
|       | 60-69       | 0 -            | 44 (10.65)       | 1.16                   |
|       | 50-59       | 0 -            | 19 (4.60)        | 0.43                   |
|       | 40-49       | 0 -            | 4 (0.97)         | 0.13                   |
|       | 30-39       | 0 -            | 2 (0.48)         | 0.07                   |
|       | 20-29       | 0 -            | 0 (0.00)         | 0.00                   |
|       | 10-19       | 0 -            | 0 (0.00)         | 0.00                   |
|       | 0-9         | 0 -            | 0 (0.00)         | 0.00                   |

\* Case fatality rate (CFR) = Number of deaths / Number of confirmed cases x 100



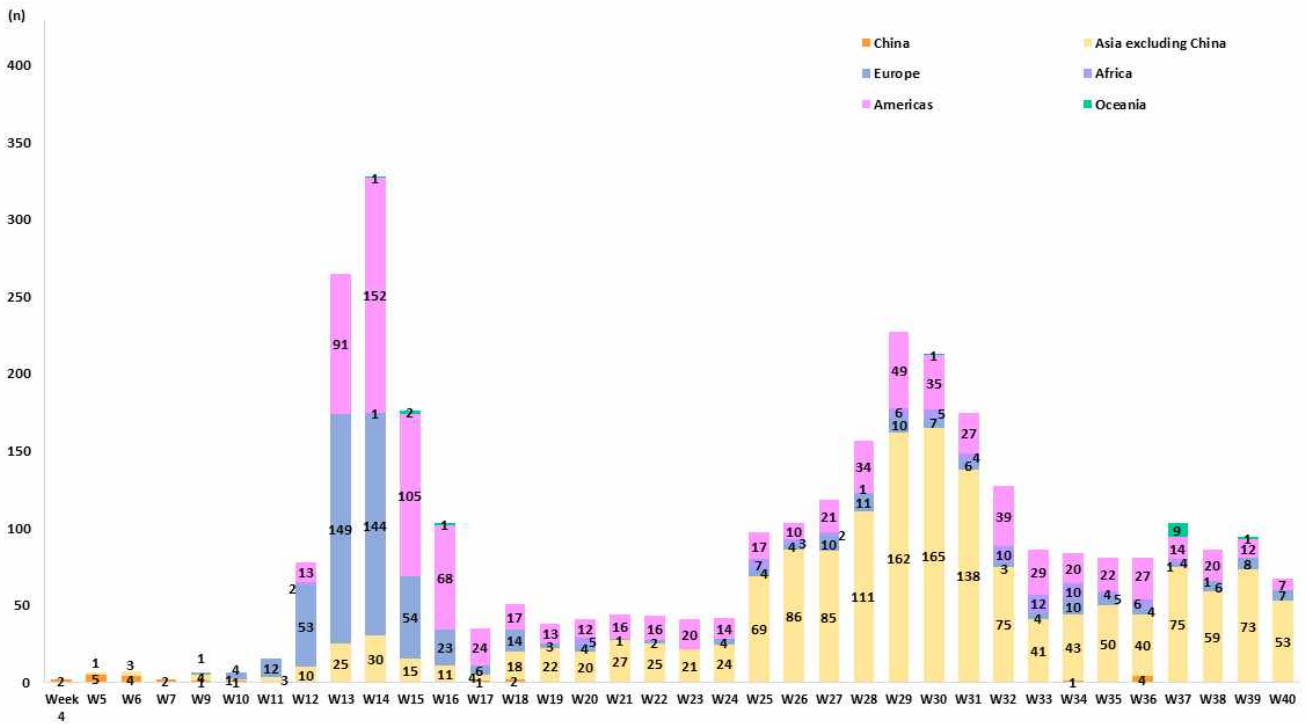
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## IMPORTED CASES



## NEW CASES (LAST 2 WEEKS) BY CHAIN OF TRANSMISSION

