Supplementary material 1. Trend in cataract surgery rates from 2016 to 2020

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 　 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Age group | No. of population | No. of cataract surgery | cataract surgery ratea | No. of population | No. of cataract surgery | cataract surgery rate | No. of population | No. of cataract surgery | cataract surgery rate | No. of population | No. of cataract surgery | cataract surgery rate | No. of population | No. of cataract surgery | cataract surgery rate |
| <30 | 16,805,634  | 1,038  | 6  | 16,550,590  | 994  | 6  | 16,258,188  | 1,035  | 6  | 15,936,280  | 1,012  | 6  | 15,569,559  | 857  | 6  |
| 30-34 | 3,517,868 | 661 | 19 | 3,311,945 | 637 | 19 | 3,189,361 | 571 | 18 | 3,158,230 | 664 | 21 | 3,145,998 | 507 | 16 |
| 35-39 | 4,016,272 | 1,515 | 38 | 4,056,704 | 1,616 | 40 | 4,080,782 | 1,659 | 41 | 3,912,794 | 1,695 | 43 | 3,727,119 | 1,600 | 43 |
| 40-44 | 4,212,243 | 4,702 | 112 | 4,091,743 | 4,987 | 122 | 3,916,194 | 4,906 | 125 | 3,882,192 | 5,190 | 134 | 3,926,316 | 5,542 | 141 |
| 45-49 | 4,584,810 | 13,369 | 292 | 4,611,009 | 16,276 | 353 | 4,572,393 | 19,110 | 418 | 4,501,038 | 22,832 | 507 | 4,368,471 | 27,239 | 624 |
| 50-54 | 4,182,392 | 24,365 | 583 | 4,153,396 | 29,454 | 709 | 4,277,593 | 36,611 | 856 | 4,359,591 | 47,083 | 1,080 | 4,418,728 | 61,148 | 1,384 |
| 55-59 | 4,242,269 | 41,961 | 989 | 4,336,808 | 48,062 | 1,108 | 4,338,291 | 57,099 | 1,316 | 4,307,786 | 70,337 | 1,633 | 4,226,286 | 85,222 | 2,016 |
| 60-64 | 3,139,076 | 59,178 | 1,885 | 3,310,243 | 65,037 | 1,965 | 3,542,849 | 73,058 | 2,062 | 3,765,035 | 91,380 | 2,427 | 3,950,469 | 105,574 | 2,672 |
| 65-69 | 2,237,345 | 82,985 | 3,709 | 2,347,021 | 85,748 | 3,653 | 2,406,790 | 89,704 | 3,727 | 2,545,616 | 103,314 | 4,059 | 2,794,037 | 107,018 | 3,830 |
| 70-74 | 1,781,229 | 99,368 | 5,579 | 1,793,132 | 96,680 | 5,392 | 1,880,192 | 98,082 | 5,217 | 1,972,502 | 114,382 | 5,799 | 2,080,134 | 106,692 | 5,129 |
| 75-79 | 1,457,890 | 88,513 | 6,071 | 1,585,974 | 92,259 | 5,817 | 1,617,744 | 97,415 | 6,022 | 1,623,542 | 105,741 | 6,513 | 1,618,112 | 89,039 | 5,503 |
| 80-84 | 909,130 | 44,042 | 4,844 | 968,146 | 46,747 | 4,829 | 1,032,594 | 47,966 | 4,645 | 1,103,019 | 55,363 | 5,019 | 1,143,935 | 45,024 | 3,936 |
| ≥85 | 610,058 | 13,871 | 2,274 | 661,833 | 14,833 | 2,241 | 713,088 | 15,370 | 2,155 | 782,236 | 17,635 | 2,254 | 859,859 | 14,893 | 1,732 |
| <65 | 44,700,564 | 146,789 | 328 | 44,422,438 | 167,063 | 376 | 44,175,651 | 194,049 | 439 | 43,822,946 | 240,193 | 548 | 43,332,946 | 287,689 | 664 |
| ≥65 | 6,995,652 | 328,779 | 4,700 | 7,356,106 | 336,267 | 4,571 | 7,650,408 | 348,537 | 4,556 | 8,026,915 | 396,435 | 4,939 | 8,496,077 | 362,666 | 4,269 |
| Total | 51,696,216 | 475,568 | 920 | 51,778,544 | 503,330 | 972 | 51,826,059 | 542,586 | 1,047 | 51,849,861 | 636,628 | 1,228 | 51,829,023 | 650,355 | 1,255 |
| Demographic data of resident registration by age group from the Korea Ministry of Interior and Safety were usedaCataract surgery rate was defined as the number of cataract operations performed per 100,000 people per year. |