

## REPUBLIC-OF-KOREA, Busan (1999-2012)

|                                    | Number of cases |     |     |       |       |      |      | Percentage |       |       |       | Incidence rates per million person-years |       |      |       |       |            |       |      | MV<br>%<br>0-19 | DCO<br>%<br>0-19 |      |
|------------------------------------|-----------------|-----|-----|-------|-------|------|------|------------|-------|-------|-------|--|-------|------|-------|-------|------------|-------|------|-----------------|------------------|------|
|                                    | Age group       |     |     |       |       |      |      | 0-14       |       | 0-19  |       | Age-specific                             |       |      |       |       | Cumulative |       |      |                 |                  |      |
|                                    | 0               | 1-4 | 5-9 | 10-14 | 15-19 | 0-14 | 0-19 | All        | Group | All   | Group | 0  | 1-4   | 5-9  | 10-14 | 15-19 | 0-14       | ASR   | 0-19 |                 |                  | 0-14 |
| <b>I LEUKAEMIA</b>                 | 27              | 117 | 99  | 121   | 110   | 364  | 474  | 36.3       | 100.0 | 29.9  | 100.0 | 67.1                                     | 63.6  | 35.6 | 37.4  | 29.4  | 47.2       | 43.2  | 686  | 833             | 96.2             | 2.1  |
| a. Lymphoid                        | 9               | 80  | 70  | 65    | 40    | 224  | 264  | 22.3       | 61.5  | 16.6  | 55.7  | 22.4                                     | 43.5  | 25.2 | 20.1  | 10.7  | 29.3       | 25.1  | 425  | 478             | 99.6             | 0.4  |
| b. Acute myeloid                   | 8               | 23  | 15  | 39    | 41    | 85   | 126  | 8.5        | 23.4  | 7.9   | 26.6  | 19.9                                     | 12.5  | 5.4  | 12.1  | 11.0  | 10.6       | 10.7  | 156  | 211             | 99.2             | 0.8  |
| c. CMD                             | 2               | 3   | 4   | 7     | 18    | 16   | 34   | 1.6        | 4.4   | 2.1   | 7.2   | 5.0                                      | 1.6   | 1.4  | 2.2   | 4.8   | 2.0        | 2.6   | 29   | 53              | 97.1             | 2.9  |
| d. MDS & other                     | 3               | 5   | 7   | 5     | 8     | 20   | 28   | 2.0        | 5.5   | 1.8   | 5.9   | 7.5                                      | 2.7   | 2.5  | 1.5   | 2.1   | 2.6        | 2.5   | 38   | 49              | 85.7             | 14.3 |
| e. Unspecified                     | 5               | 6   | 3   | 5     | 3     | 19   | 22   | 1.9        | 5.2   | 1.4   | 4.6   | 12.4                                     | 3.3   | 1.1  | 1.5   | 0.8   | 2.7        | 2.3   | 38   | 42              | 50.0             | 13.6 |
| <b>II LYMPHOMA &amp; RELATED</b>   | 10              | 25  | 29  | 35    | 78    | 99   | 177  | 9.9        | 100.0 | 11.2  | 100.0 | 24.9                                     | 13.6  | 10.4 | 10.8  | 20.9  | 12.5       | 14.4  | 184  | 289             | 94.4             | 2.3  |
| a. Hodgkin                         | 0               | 1   | 2   | 6     | 22    | 9    | 31   | 0.9        | 9.1   | 2.0   | 17.5  | -  | 0.5   | 0.7  | 1.9   | 5.9   | 0.9        | 2.1   | 15   | 45              | 100.0            | 0.0  |
| b. Non-Hodgkin except BL           | 1               | 5   | 10  | 22    | 43    | 38   | 81   | 3.8        | 38.4  | 5.1   | 45.8  | 2.5                                      | 2.7   | 3.6  | 6.8   | 11.5  | 4.2        | 5.8   | 65   | 123             | 100.0            | 0.0  |
| c. Burkitt (BL)                    | 0               | 4   | 8   | 1     | 2     | 13   | 15   | 1.3        | 13.1  | 0.9   | 8.5   | -  | 2.2   | 2.9  | 0.3   | 0.5   | 1.7        | 1.4   | 25   | 28              | 93.3             | 6.7  |
| d. Lymphoreticular                 | 8               | 12  | 7   | 7     | 2     | 28   | 30   | 2.8        | 28.3  | 1.9   | 16.9  | 19.9                                     | 6.5   | 2.5  | 0.3   | 0.5   | 4.4        | 3.5   | 59   | 61              | 93.3             | 6.7  |
| e. Unspecified                     | 1               | 3   | 2   | 5     | 9     | 11   | 20   | 1.1        | 11.1  | 1.3   | 11.3  | 2.5                                      | 1.6   | 0.7  | 1.5   | 2.4   | 1.4        | 1.6   | 20   | 32              | 65.0             | 5.0  |
| <b>III CNS NEOPLASMS</b>           | 8               | 33  | 50  | 48    | 50    | 139  | 189  | 13.8       | 100.0 | 11.9  | 100.0 | 19.9                                     | 17.9  | 18.0 | 14.8  | 13.4  | 17.2       | 16.3  | 255  | 322             | 61.9             | 1.6  |
| a. Ependymoma                      | 1               | 6   | 5   | 3     | 4     | 15   | 19   | 1.5        | 10.8  | 1.2   | 10.1  | 2.5                                      | 3.3   | 1.8  | 0.9   | 1.1   | 2.1        | 1.8   | 29   | 35              | 100.0            | 0.0  |
| b. Astrocytoma                     | 1               | 5   | 9   | 11    | 11    | 26   | 37   | 2.6        | 18.7  | 2.3   | 19.6  | 2.5                                      | 2.7   | 3.2  | 3.4   | 2.9   | 3.1        | 3.0   | 47   | 61              | 89.2             | 0.0  |
| c. CNS embryonal                   | 2               | 13  | 12  | 13    | 9     | 40   | 49   | 4.0        | 28.8  | 3.1   | 25.9  | 5.0                                      | 7.1   | 4.3  | 4.0   | 2.4   | 5.1        | 4.5   | 75   | 87              | 98.0             | 0.0  |
| d. Other gliomas                   | 1               | 4   | 9   | 5     | 6     | 19   | 25   | 1.9        | 13.7  | 1.6   | 13.2  | 2.5                                      | 2.2   | 3.2  | 1.5   | 1.6   | 2.4        | 2.2   | 35   | 43              | 48.0             | 0.0  |
| e. Other specified                 | 0               | 1   | 0   | 3     | 0     | 4    | 4    | 0.4        | 2.9   | 0.3   | 2.1   | -  | 0.5   | -    | 0.9   | -     | 0.4        | 0.3   | 7    | 7               | 100.0            | 0.0  |
| f. Unspecified CNS                 | 3               | 4   | 15  | 13    | 20    | 35   | 55   | 3.5        | 25.2  | 3.5   | 29.1  | 7.5                                      | 2.2   | 5.4  | 4.0   | 5.4   | 4.1        | 4.4   | 63   | 89              | 1.8              | 5.5  |
| <b>IV NEUROBLASTOMA</b>            | 12              | 36  | 3   | 1     | 2     | 52   | 54   | 5.2        | 100.0 | 3.4   | 100.0 | 29.8                                     | 19.6  | 1.1  | 0.3   | 0.5   | 8.7        | 6.9   | 114  | 117             | 92.6             | 0.0  |
| a. (Ganglio)neuroblastoma          | 12              | 36  | 3   | 1     | 0     | 52   | 52   | 5.2        | 100.0 | 3.3   | 96.3  | 29.8                                     | 19.6  | 1.1  | 0.3   | -     | 8.7        | 6.8   | 114  | 114             | 92.3             | 0.0  |
| b. Peripheral nervous              | 0               | 0   | 0   | 0     | 2     | 0    | 2    | -          | -     | 0.1   | 3.7   | -  | -     | -    | -     | 0.5   | -          | 0.1   | -    | 3               | 100.0            | 0.0  |
| <b>V RETINOBLASTOMA</b>            | 11              | 14  | 0   | 0     | 0     | 25   | 25   | 2.5        | 100.0 | 1.6   | 100.0 | 27.3                                     | 7.6   | -    | -     | -     | 4.3        | 3.3   | 56   | 56              | 84.0             | 0.0  |
| <b>VI RENAL TUMOURS</b>            | 13              | 16  | 2   | 3     | 2     | 34   | 36   | 3.4        | 100.0 | 2.3   | 100.0 | 32.3                                     | 8.7   | 0.7  | 0.9   | 0.5   | 5.5        | 4.4   | 73   | 76              | 97.2             | 0.0  |
| a. Nephroblastoma                  | 13              | 16  | 2   | 1     | 0     | 32   | 32   | 3.2        | 94.1  | 2.0   | 88.9  | 32.3                                     | 8.7   | 0.7  | 0.3   | -     | 5.3        | 4.1   | 70   | 70              | 100.0            | 0.0  |
| b. Renal carcinoma                 | 0               | 0   | 0   | 2     | 1     | 2    | 3    | 0.2        | 5.9   | 0.2   | 8.3   | -  | -     | -    | 0.6   | 0.3   | 0.2        | 0.2   | 3    | 4               | 100.0            | 0.0  |
| c. Unspecified                     | 0               | 0   | 0   | 0     | 1     | 0    | 1    | -          | -     | 0.1   | 2.8   | -  | -     | -    | -     | 0.3   | -          | 0.1   | -    | 1               | 0.0              | 0.0  |
| <b>VII HEPATIC TUMOURS</b>         | 3               | 8   | 2   | 1     | 9     | 14   | 23   | 1.4        | 100.0 | 1.5   | 100.0 | 7.5                                      | 4.3   | 0.7  | 0.3   | 2.4   | 2.2        | 2.3   | 30   | 42              | 78.3             | 0.0  |
| a. Hepatoblastoma                  | 3               | 8   | 0   | 0     | 1     | 11   | 12   | 1.1        | 78.6  | 0.8   | 52.2  | 7.5                                      | 4.3   | -    | -     | 0.3   | 1.9        | 1.5   | 25   | 26              | 100.0            | 0.0  |
| b. Hepatic carcinoma               | 0               | 0   | 2   | 1     | 7     | 3    | 10   | 0.3        | 21.4  | 0.6   | 43.5  | -  | -     | 0.7  | 0.3   | 1.9   | 0.3        | 0.7   | 5    | 15              | 50.0             | 0.0  |
| c. Unspecified                     | 0               | 0   | 0   | 0     | 1     | 0    | 1    | -          | -     | 0.1   | 4.3   | -  | -     | -    | -     | 0.3   | -          | 0.1   | -    | 1               | 100.0            | 0.0  |
| <b>VIII BONE TUMOURS</b>           | 1               | 7   | 13  | 59    | 53    | 80   | 133  | 8.0        | 100.0 | 8.4   | 100.0 | 2.5                                      | 3.8   | 4.7  | 18.2  | 14.2  | 8.2        | 9.5   | 132  | 203             | 88.0             | 0.0  |
| a. Osteosarcoma                    | 0               | 3   | 7   | 40    | 38    | 50   | 88   | 5.0        | 62.5  | 5.5   | 66.2  | -  | 1.6   | 2.5  | 12.4  | 10.2  | 4.9        | 6.1   | 81   | 132             | 100.0            | 0.0  |
| b. Chondrosarcoma                  | 0               | 0   | 0   | 2     | 3     | 2    | 5    | 0.2        | 2.5   | 0.3   | 3.8   | -  | -     | -    | 0.6   | 0.8   | 0.2        | 0.3   | 3    | 7               | 100.0            | 0.0  |
| c. Ewing & related                 | 0               | 2   | 1   | 9     | 3     | 12   | 15   | 1.2        | 15.0  | 0.9   | 11.3  | -  | 1.1   | 0.4  | 2.8   | 0.8   | 1.3        | 1.2   | 20   | 24              | 100.0            | 0.0  |
| d. Other specified                 | 1               | 1   | 2   | 2     | 2     | 6    | 8    | 0.6        | 7.5   | 0.5   | 6.0   | 2.5                                      | 0.5   | 0.7  | 0.6   | 0.5   | 0.8        | 0.7   | 11   | 14              | 100.0            | 0.0  |
| e. Unspecified                     | 0               | 1   | 3   | 6     | 7     | 10   | 17   | 1.0        | 12.5  | 1.1   | 12.8  | -  | 0.5   | 1.1  | 1.9   | 1.9   | 1.1        | 1.2   | 17   | 26              | 5.9              | 0.0  |
| <b>IX SOFT TISSUE SARCOMA</b>      | 11              | 19  | 10  | 19    | 36    | 59   | 95   | 5.9        | 100.0 | 6.0   | 100.0 | 27.3                                     | 10.3  | 3.6  | 5.9   | 9.6   | 8.0        | 8.4   | 114  | 162             | 100.0            | 0.0  |
| a. Rhabdomyosarcoma                | 0               | 12  | 3   | 8     | 9     | 23   | 32   | 2.3        | 39.0  | 2.0   | 33.7  | -  | 6.5   | 1.1  | 2.5   | 2.4   | 3.1        | 3.0   | 45   | 57              | 100.0            | 0.0  |
| b. Fibrosarcoma                    | 4               | 3   | 1   | 3     | 7     | 11   | 18   | 1.1        | 18.6  | 1.1   | 18.9  | 9.9                                      | 1.6   | 0.4  | 0.9   | 1.9   | 1.6        | 1.7   | 22   | 31              | 100.0            | 0.0  |
| c. Kaposi sarcoma                  | 0               | 0   | 0   | 0     | 0     | 0    | 0    | -          | -     | -     | -     | -  | -     | -    | -     | -     | -          | -     | -    | -               | -                | -    |
| d. Other specified                 | 5               | 3   | 5   | 7     | 15    | 20   | 35   | 2.0        | 33.9  | 2.2   | 36.8  | 12.4                                     | 1.6   | 1.8  | 2.2   | 4.0   | 2.6        | 2.9   | 38   | 58              | 100.0            | 0.0  |
| e. Unspecified                     | 2               | 1   | 1   | 1     | 5     | 5    | 10   | 0.5        | 8.5   | 0.6   | 10.5  | 5.0                                      | 0.5   | 0.4  | 0.3   | 1.3   | 0.7        | 0.9   | 10   | 17              | 100.0            | 0.0  |
| <b>X GERM CELL TUMOURS</b>         | 12              | 10  | 18  | 41    | 80    | 81   | 161  | 8.1        | 100.0 | 10.2  | 100.0 | 29.8                                     | 5.4   | 6.5  | 12.7  | 21.4  | 9.6        | 12.2  | 145  | 252             | 96.9             | 0.0  |
| a. CNS germ cell                   | 1               | 0   | 6   | 24    | 13    | 31   | 44   | 3.1        | 38.3  | 2.8   | 27.3  | 2.5                                      | -     | 2.2  | 7.4   | 3.5   | 3.0        | 3.1   | 50   | 68              | 95.5             | 0.0  |
| b. Other extragonadal              | 5               | 3   | 2   | 2     | 5     | 12   | 17   | 1.2        | 14.8  | 1.1   | 10.6  | 12.4                                     | 1.6   | 0.7  | 0.6   | 1.3   | 1.8        | 1.7   | 25   | 31              | 100.0            | 0.0  |
| c. Gonadal germ cell               | 6               | 7   | 9   | 14    | 41    | 36   | 77   | 3.6        | 44.4  | 4.9   | 47.8  | 14.9                                     | 3.8   | 3.2  | 4.3   | 11.0  | 4.5        | 6.0   | 67   | 122             | 100.0            | 0.0  |
| d. Gonadal carcinoma               | 0               | 0   | 0   | 1     | 16    | 1    | 17   | 0.1        | 1.2   | 1.1   | 10.6  | -  | -     | -    | 0.3   | 4.3   | 0.1        | 1.0   | 2    | 23              | 100.0            | 0.0  |
| e. Unspecified gonadal             | 0               | 0   | 1   | 0     | 5     | 1    | 6    | 0.1        | 1.2   | 0.4   | 3.7   | -  | -     | 0.4  | -     | 1.3   | 0.1        | 0.4   | 2    | 8               | 50.0             | 0.0  |
| <b>XI CARCINOMA &amp; MELANOMA</b> | 0               | 1   | 9   | 31    | 153   | 41   | 194  | 4.1        | 100.0 | 12.2  | 100.0 | -  | 0.5   | 3.2  | 9.6   | 40.9  | 4.0        | 12.3  | 66   | 271             | 100.0            | 0.0  |
| a. Adrenocortical                  | 0               | 1   | 0   | 0     | 0     | 1    | 1    | 0.1        | 2.4   | 0.1   | 0.5   | -  | 0.5   | -    | -     | -     | 0.2        | 0.1   | 2    | 2               | 100.0            | 0.0  |
| b. Thyroid                         | 0               | 0   | 3   | 19    | 112   | 22   | 134  | 2.2        | 53.7  | 8.4   | 69.1  | -  | -     | 1.1  | 5.9   | 30.0  | 2.1        | 8.3   | 35   | 185             | 100.0            | 0.0  |
| c. Nasopharyngeal                  | 0               | 0   | 0   | 3     | 5     | 3    | 8    | 0.3        | 7.3   | 0.5   | 4.1   | -  | -     | -    | 0.9   | 1.3   | 0.3        | 0.5   | 5    | 11              | 100.0            | 0.0  |
| d. Melanoma                        | 0               | 0   | 1   | 1     | 3     | 2    | 5    | 0.2        | 4.9   | 0.3   | 2.6   | -  | -     | 0.4  | 0.3   | 0.8   | 0.2        | 0.3   | 3    | 7               | 100.0            | 0.0  |
| e. Skin carcinoma                  | 0               | 0   | 0   | 1     | 0     | 1    | 1    | 0.1        | 2.4   | 0.1   | 0.5   | -  | -     | -    | 0.3   | -     | 0.1        | 0.1   | 2    | 2               | 100.0            | 0.0  |
| f. Other & unspecified             | 0               | 0   | 5   | 7     | 33    | 12   | 45   | 1.2        | 29.3  | 2.8   | 23.2  | -  | -     | 1.8  | 2.2   | 8.8   | 1.2        | 2.9   | 20   | 64              | 100.0            | 0.0  |
| <b>XII OTHER &amp; UNSPECIFIED</b> | 2               | 6   | 5   | 3     | 9     | 16   | 25   | 1.6        | 100.0 | 1.6   | 100.0 | 5.0                                      | 3.3   | 1.8  | 0.9   | 2.4   | 2.2        | 2.3   | 31   | 44              | 20.0             | 16.0 |
| a. Other specified                 | 0               | 1   | 1   | 0     | 1     | 2    | 3    | 0.2        | 12.5  | 0.2   | 12.0  | -  | 0.5   | 0.4  | -     | 0.3   | 0.3        | 0.3   | 4    | 5               | 100.0            | 0.0  |
| b. Other unspecified               | 2               | 5   | 4   | 3     | 8     | 14   | 22   | 1.4        | 87.5  | 1.4   | 88.0  | 5.0                                      | 2.7   | 1.4  | 0.9   | 2.1   | 1.9        | 2.0   | 27   | 38              | 9.1              | 18.2 |
| <b>TOTAL</b>                       | 110             | 292 | 240 | 362   | 582   | 1004 | 1586 | 100.0      | 100.0 | 100.0 | 100.0 | 273.4                                    | 158.8 | 86.2 | 111.9 | 155.7 | 129.7      | 135.6 | 1888 | 2666            | 90.2             | 1.3  |

Please consult the quality indicators for this registry

## REPUBLIC-OF-KOREA, Busan (1999-2012)

|                                    | Males                         |     |     |       |       |      |      |                 |       |      | M/F ratio |      | Females                       |     |     |       |       |      |       |                 |      |      |      |      |
|------------------------------------|-------------------------------|-----|-----|-------|-------|------|------|-----------------|-------|------|-----------|------|-------------------------------|-----|-----|-------|-------|------|-------|-----------------|------|------|------|------|
|                                    | Number of cases in age groups |     |     |       |       |      |      |                 |       |      | 0-14      | 0-19 | Number of cases in age groups |     |     |       |       |      |       |                 |      |      | 0-14 | 0-19 |
|                                    | 0                             | 1-4 | 5-9 | 10-14 | 15-19 | 0-14 | 0-19 | ASR per million | 0-14  | 0-19 |           |      | 0                             | 1-4 | 5-9 | 10-14 | 15-19 | 0-14 | 0-19  | ASR per million | 0-14 | 0-19 |      |      |
| <b>I LEUKAEMIA</b>                 | 13                            | 72  | 52  | 70    | 70    | 207  | 277  | 51.2            | 47.6  | 1.3  | 1.4       | 14   | 45                            | 47  | 51  | 40    | 157   | 197  | 42.8  | 38.3            |      |      |      |      |
| a. Lymphoid                        | 5                             | 47  | 39  | 37    | 25    | 128  | 153  | 31.9            | 27.6  | 1.3  | 1.4       | 4    | 33                            | 31  | 28  | 15    | 96    | 111  | 26.5  | 22.4            |      |      |      |      |
| b. Acute myeloid                   | 3                             | 16  | 11  | 20    | 25    | 50   | 75   | 12.0            | 12.2  | 1.4  | 1.5       | 5    | 7                             | 4   | 19  | 16    | 35    | 51   | 9.0   | 9.0             |      |      |      |      |
| c. CMD                             | 2                             | 2   | 1   | 5     | 14    | 10   | 24   | 2.4             | 3.4   | 1.7  | 2.4       | 0    | 1                             | 3   | 2   | 4     | 6     | 10   | 1.5   | 1.7             |      |      |      |      |
| d. MDS & other                     | 1                             | 3   | 1   | 4     | 4     | 9    | 13   | 2.2             | 2.2   | 0.8  | 0.9       | 2    | 2                             | 6   | 1   | 4     | 11    | 15   | 3.1   | 2.9             |      |      |      |      |
| e. Unspecified                     | 2                             | 4   | 0   | 4     | 2     | 10   | 12   | 2.7             | 2.3   | 1.1  | 1.2       | 3    | 2                             | 3   | 1   | 1     | 9     | 10   | 2.7   | 2.3             |      |      |      |      |
| <b>II LYMPHOMA &amp; RELATED</b>   | 6                             | 18  | 22  | 15    | 50    | 61   | 111  | 15.2            | 17.5  | 1.6  | 1.7       | 4    | 7                             | 7   | 20  | 28    | 38    | 66   | 9.6   | 11.0            |      |      |      |      |
| a. Hodgkin                         | 0                             | 1   | 2   | 2     | 11    | 5    | 16   | 1.1             | 2.1   | 1.3  | 1.1       | 0    | 0                             | 0   | 4   | 11    | 4     | 15   | 0.8   | 2.0             |      |      |      |      |
| b. Non-Hodgkin except BL           | 1                             | 5   | 5   | 9     | 32    | 20   | 52   | 4.6             | 7.2   | 1.1  | 1.8       | 0    | 0                             | 5   | 13  | 11    | 18    | 29   | 3.7   | 4.3             |      |      |      |      |
| c. Burkitt (BL)                    | 0                             | 4   | 7   | 1     | 0     | 12   | 12   | 3.0             | 2.3   | 12.0 | 4.0       | 0    | 0                             | 1   | 0   | 2     | 1     | 3    | 0.2   | 0.4             |      |      |      |      |
| d. Lymphoreticular                 | 4                             | 7   | 6   | 1     | 2     | 18   | 20   | 5.1             | 4.2   | 1.8  | 2.0       | 4    | 5                             | 1   | 0   | 0     | 10    | 10   | 3.5   | 2.7             |      |      |      |      |
| e. Unspecified                     | 1                             | 1   | 2   | 2     | 5     | 6    | 11   | 1.4             | 1.7   | 1.2  | 1.2       | 0    | 2                             | 0   | 3   | 4     | 5     | 9    | 1.3   | 1.5             |      |      |      |      |
| <b>III CNS NEOPLASMS</b>           | 7                             | 18  | 28  | 32    | 32    | 85   | 117  | 19.7            | 18.9  | 1.6  | 1.6       | 1    | 15                            | 22  | 16  | 18    | 54    | 72   | 14.3  | 13.4            |      |      |      |      |
| a. Ependymoma                      | 1                             | 2   | 3   | 3     | 3     | 9    | 12   | 2.1             | 2.0   | 1.5  | 1.7       | 0    | 4                             | 2   | 0   | 1     | 6     | 7    | 1.9   | 1.6             |      |      |      |      |
| b. Astrocytoma                     | 1                             | 5   | 5   | 6     | 5     | 17   | 22   | 4.1             | 3.7   | 1.9  | 1.5       | 0    | 0                             | 4   | 5   | 6     | 9     | 15   | 2.0   | 2.3             |      |      |      |      |
| c. CNS embryonal                   | 2                             | 6   | 7   | 9     | 4     | 24   | 28   | 5.7             | 4.9   | 1.5  | 1.3       | 0    | 7                             | 5   | 4   | 5     | 16    | 21   | 4.5   | 4.2             |      |      |      |      |
| d. Other gliomas                   | 1                             | 3   | 4   | 3     | 4     | 11   | 15   | 2.7             | 2.5   | 1.4  | 1.5       | 0    | 1                             | 5   | 2   | 2     | 8     | 10   | 2.0   | 1.8             |      |      |      |      |
| e. Other specified                 | 0                             | 0   | 0   | 2     | 0     | 2    | 2    | 0.3             | 0.3   | 1.0  | 1.0       | 0    | 1                             | 0   | 1   | 0     | 2     | 2    | 0.6   | 0.4             |      |      |      |      |
| f. Unspecified CNS                 | 2                             | 2   | 9   | 9     | 16    | 22   | 38   | 4.8             | 5.5   | 1.7  | 2.2       | 1    | 2                             | 6   | 4   | 4     | 13    | 17   | 3.3   | 3.1             |      |      |      |      |
| <b>IV NEUROBLASTOMA</b>            | 9                             | 22  | 2   | 0     | 1     | 33   | 34   | 10.7            | 8.4   | 1.7  | 1.7       | 3    | 14                            | 1   | 1   | 1     | 19    | 20   | 6.6   | 5.2             |      |      |      |      |
| a. (Ganglio)neuroblastoma          | 9                             | 22  | 2   | 0     | 0     | 33   | 33   | 10.7            | 8.3   | 1.7  | 1.7       | 3    | 14                            | 1   | 1   | 0     | 19    | 19   | 6.6   | 5.1             |      |      |      |      |
| b. Peripheral nervous              | 0                             | 0   | 0   | 0     | 1     | 0    | 1    | -               | 0.1   | -    | 1.0       | 0    | 0                             | 0   | 0   | 1     | 0     | 1    | -     | 0.1             |      |      |      |      |
| <b>V RETINOBLASTOMA</b>            | 6                             | 8   | 0   | 0     | 0     | 14   | 14   | 4.6             | 3.6   | 1.3  | 1.3       | 5    | 6                             | 0   | 0   | 0     | 11    | 11   | 4.0   | 3.1             |      |      |      |      |
| <b>VI RENAL TUMOURS</b>            | 7                             | 8   | 0   | 3     | 2     | 18   | 20   | 5.5             | 4.5   | 1.1  | 1.3       | 6    | 8                             | 2   | 0   | 0     | 16    | 16   | 5.6   | 4.3             |      |      |      |      |
| a. Nephroblastoma                  | 7                             | 8   | 0   | 1     | 0     | 16   | 16   | 5.1             | 4.0   | 1.0  | 1.0       | 6    | 8                             | 2   | 0   | 0     | 16    | 16   | 5.6   | 4.3             |      |      |      |      |
| b. Renal carcinoma                 | 0                             | 0   | 0   | 2     | 1     | 2    | 3    | 0.3             | 0.4   | -    | -         | 0    | 0                             | 0   | 0   | 0     | 0     | 0    | -     | -               |      |      |      |      |
| c. Unspecified                     | 0                             | 0   | 0   | 0     | 1     | 0    | 1    | -               | 0.1   | -    | -         | 0    | 0                             | 0   | 0   | 0     | 0     | 0    | -     | -               |      |      |      |      |
| <b>VII HEPATIC TUMOURS</b>         | 1                             | 5   | 2   | 0     | 6     | 8    | 14   | 2.4             | 2.6   | 1.3  | 1.6       | 2    | 3                             | 0   | 1   | 3     | 6     | 9    | 2.0   | 1.9             |      |      |      |      |
| a. Hepatoblastoma                  | 1                             | 5   | 0   | 0     | 1     | 6    | 7    | 2.0             | 1.6   | 1.2  | 1.4       | 2    | 3                             | 0   | 0   | 0     | 5     | 5    | 1.8   | 1.4             |      |      |      |      |
| b. Hepatic carcinoma               | 0                             | 0   | 2   | 0     | 4     | 2    | 6    | 0.4             | 0.8   | 2.0  | 1.5       | 0    | 0                             | 0   | 1   | 3     | 1     | 4    | 0.2   | 0.5             |      |      |      |      |
| c. Unspecified                     | 0                             | 0   | 0   | 0     | 1     | 0    | 1    | -               | 0.1   | -    | -         | 0    | 0                             | 0   | 0   | 0     | 0     | 0    | -     | -               |      |      |      |      |
| <b>VIII BONE TUMOURS</b>           | 0                             | 3   | 8   | 34    | 31    | 45   | 76   | 8.4             | 10.1  | 1.3  | 1.3       | 1    | 4                             | 5   | 25  | 22    | 35    | 57   | 7.9   | 8.9             |      |      |      |      |
| a. Osteosarcoma                    | 0                             | 1   | 3   | 23    | 24    | 27   | 51   | 4.8             | 6.5   | 1.2  | 1.4       | 0    | 2                             | 4   | 17  | 14    | 23    | 37   | 5.0   | 5.7             |      |      |      |      |
| b. Chondrosarcoma                  | 0                             | 0   | 0   | 1     | 1     | 1    | 2    | 0.2             | 0.2   | 1.0  | 0.7       | 0    | 0                             | 0   | 1   | 2     | 1     | 3    | 0.2   | 0.4             |      |      |      |      |
| c. Ewing & related                 | 0                             | 1   | 0   | 6     | 1     | 7    | 8    | 1.3             | 1.2   | 1.4  | 1.1       | 0    | 1                             | 1   | 3   | 2     | 5     | 7    | 1.2   | 1.2             |      |      |      |      |
| d. Other specified                 | 0                             | 1   | 2   | 1     | 1     | 4    | 5    | 0.9             | 0.8   | 2.0  | 1.7       | 1    | 0                             | 0   | 1   | 1     | 2     | 3    | 0.6   | 0.6             |      |      |      |      |
| e. Unspecified                     | 0                             | 0   | 3   | 3     | 4     | 6    | 10   | 1.2             | 1.4   | 1.5  | 1.4       | 0    | 1                             | 0   | 3   | 3     | 4     | 7    | 0.9   | 1.1             |      |      |      |      |
| <b>IX SOFT TISSUE SARCOMA</b>      | 5                             | 15  | 5   | 10    | 23    | 35   | 58   | 9.4             | 9.9   | 1.5  | 1.6       | 6    | 4                             | 5   | 9   | 13    | 24    | 37   | 6.6   | 6.8             |      |      |      |      |
| a. Rhabdomyosarcoma                | 0                             | 9   | 0   | 6     | 6     | 15   | 21   | 4.0             | 3.8   | 1.9  | 1.9       | 0    | 3                             | 3   | 2   | 3     | 8     | 11   | 2.2   | 2.1             |      |      |      |      |
| b. Fibrosarcoma                    | 2                             | 2   | 1   | 1     | 4     | 6    | 10   | 1.7             | 1.8   | 1.2  | 1.3       | 2    | 1                             | 0   | 2   | 3     | 5     | 8    | 1.5   | 1.5             |      |      |      |      |
| c. Kaposi sarcoma                  | 0                             | 0   | 0   | 0     | 0     | 0    | 0    | -               | -     | -    | -         | 0    | 0                             | 0   | 0   | 0     | 0     | 0    | -     | -               |      |      |      |      |
| d. Other specified                 | 2                             | 3   | 3   | 3     | 10    | 11   | 21   | 2.8             | 3.3   | 1.2  | 1.5       | 3    | 0                             | 2   | 4   | 5     | 9     | 14   | 2.4   | 2.5             |      |      |      |      |
| e. Unspecified                     | 1                             | 1   | 1   | 0     | 3     | 3    | 6    | 0.9             | 1.0   | 1.5  | 1.5       | 1    | 0                             | 0   | 1   | 2     | 2     | 4    | 0.6   | 0.7             |      |      |      |      |
| <b>X GERM CELL TUMOURS</b>         | 8                             | 9   | 7   | 16    | 27    | 40   | 67   | 9.8             | 10.7  | 1.0  | 0.7       | 4    | 1                             | 11  | 25  | 53    | 41    | 94   | 9.4   | 14.0            |      |      |      |      |
| a. CNS germ cell                   | 1                             | 0   | 4   | 14    | 11    | 19   | 30   | 3.6             | 4.0   | 1.6  | 2.1       | 0    | 0                             | 2   | 10  | 2     | 12    | 14   | 2.4   | 2.1             |      |      |      |      |
| b. Other extragonadal              | 2                             | 2   | 1   | 2     | 4     | 7    | 11   | 1.9             | 1.9   | 1.4  | 1.8       | 3    | 1                             | 1   | 0   | 1     | 5     | 6    | 1.7   | 1.4             |      |      |      |      |
| c. Gonadal germ cell               | 5                             | 7   | 2   | 0     | 11    | 14   | 25   | 4.4             | 4.7   | 0.6  | 0.5       | 1    | 0                             | 7   | 14  | 30    | 22    | 52   | 4.8   | 7.5             |      |      |      |      |
| d. Gonadal carcinoma               | 0                             | 0   | 0   | 0     | 0     | 0    | 0    | -               | -     | 0.0  | 0.0       | 0    | 0                             | 0   | 1   | 16    | 1     | 17   | 0.2   | 2.2             |      |      |      |      |
| e. Unspecified gonadal             | 0                             | 0   | 0   | 0     | 1     | 0    | 1    | -               | 0.1   | 0.0  | 0.2       | 0    | 0                             | 1   | 0   | 4     | 1     | 5    | 0.2   | 0.7             |      |      |      |      |
| <b>XI CARCINOMA &amp; MELANOMA</b> | 0                             | 0   | 4   | 14    | 41    | 18   | 59   | 3.2             | 7.2   | 0.8  | 0.4       | 0    | 1                             | 5   | 17  | 112   | 23    | 135  | 4.9   | 18.1            |      |      |      |      |
| a. Adrenocortical                  | 0                             | 0   | 0   | 0     | 0     | 0    | 0    | -               | -     | 0.0  | 0.0       | 0    | 1                             | 0   | 0   | 0     | 1     | 1    | 0.4   | 0.3             |      |      |      |      |
| b. Thyroid                         | 0                             | 0   | 1   | 4     | 19    | 5    | 24   | 0.9             | 2.9   | 0.3  | 0.2       | 0    | 0                             | 2   | 15  | 93    | 17    | 110  | 3.4   | 14.5            |      |      |      |      |
| c. Nasopharyngeal                  | 0                             | 0   | 0   | 3     | 2     | 3    | 5    | 0.5             | 0.6   | -    | 1.7       | 0    | 0                             | 0   | 0   | 3     | 0     | 3    | -     | 0.4             |      |      |      |      |
| d. Melanoma                        | 0                             | 0   | 1   | 1     | 1     | 2    | 3    | 0.4             | 0.4   | -    | 1.5       | 0    | 0                             | 0   | 0   | 2     | 0     | 2    | -     | 0.3             |      |      |      |      |
| e. Skin carcinoma                  | 0                             | 0   | 0   | 1     | 0     | 1    | 1    | 0.2             | 0.1   | -    | -         | 0    | 0                             | 0   | 0   | 0     | 0     | 0    | -     | -               |      |      |      |      |
| f. Other & unspecified             | 0                             | 0   | 2   | 5     | 19    | 7    | 26   | 1.3             | 3.2   | 1.4  | 1.4       | 0    | 0                             | 3   | 2   | 14    | 5     | 19   | 1.1   | 2.7             |      |      |      |      |
| <b>XII OTHER &amp; UNSPECIFIED</b> | 0                             | 6   | 2   | 1     | 4     | 9    | 13   | 2.6             | 2.5   | 1.3  | 1.1       | 2    | 0                             | 3   | 2   | 5     | 7     | 12   | 1.9   | 2.1             |      |      |      |      |
| a. Other specified                 | 0                             | 1   | 0   | 0     | 1     | 1    | 2    | 0.3             | 0.4   | 1.0  | 2.0       | 0    | 0                             | 1   | 0   | 0     | 1     | 1    | 0.2   | 0.2             |      |      |      |      |
| b. Other unspecified               | 0                             | 5   | 2   | 1     | 3     | 8    | 11   | 2.3             | 2.1   | 1.3  | 1.0       | 2    | 0                             | 2   | 2   | 5     | 6     | 11   | 1.6   | 1.9             |      |      |      |      |
| <b>TOTAL</b>                       | 62                            | 184 | 132 | 195   | 287   | 573  | 860  | 142.8           | 143.3 | 1.3  | 1.2       | 48   | 108                           | 108 | 167 | 295   | 431   | 726  | 115.4 | 127.1           |      |      |      |      |

Please consult the quality indicators for this registry

## REPUBLIC-OF-KOREA, Busan (1999-2012)

|                           | Age group | Males     | Females   |
|---------------------------|-----------|-----------|-----------|
| Person-years              | 0         | 209 004   | 193 284   |
|                           | 1-4       | 962 849   | 876 279   |
|                           | 5-9       | 1 481 264 | 1 301 349 |
|                           | 10-14     | 1 728 516 | 1 506 380 |
|                           | 15-19     | 1 974 264 | 1 762 803 |
| Total                     | 0-14      | 4 381 633 | 3 877 292 |
|                           | 0-19      | 6 355 897 | 5 640 095 |
| Average annual population | 0-14      | 312 974   | 276 949   |
|                           | 0-19      | 453 993   | 402 864   |

Please consult the quality indicators for this registry