



## TURKEY, Antalya (1998-2012)

|                           | Males                         |     |     |       |       |                 |      |       |       |      | M/F ratio |    | Females                       |     |       |       |      |                 |       |       |  |  |
|---------------------------|-------------------------------|-----|-----|-------|-------|-----------------|------|-------|-------|------|-----------|----|-------------------------------|-----|-------|-------|------|-----------------|-------|-------|--|--|
|                           | Number of cases in age groups |     |     |       |       | ASR per million |      |       |       |      |           |    | Number of cases in age groups |     |       |       |      | ASR per million |       |       |  |  |
|                           | 0                             | 1-4 | 5-9 | 10-14 | 15-19 | 0-14            | 0-19 | 0-14  | 0-19  | 0-14 | 0-19      | 0  | 1-4                           | 5-9 | 10-14 | 15-19 | 0-14 | 0-19            | 0-14  | 0-19  |  |  |
| I LEUKAEMIA               | 7                             | 112 | 32  | 31    | 28    | 182             | 210  | 63.0  | 54.8  | 1.4  | 1.4       | 10 | 68                            | 28  | 24    | 22    | 130  | 152             | 46.8  | 41.2  |  |  |
| a. Lymphoid               | 6                             | 93  | 26  | 22    | 18    | 147             | 165  | 51.2  | 43.6  | 1.5  | 1.6       | 5  | 54                            | 24  | 13    | 9     | 96   | 105             | 34.8  | 29.0  |  |  |
| b. Acute myeloid          | 1                             | 12  | 4   | 5     | 7     | 22              | 29   | 7.5   | 7.3   | 1.0  | 0.9       | 3  | 10                            | 2   | 8     | 10    | 23   | 33              | 8.1   | 8.5   |  |  |
| c. CMD                    | 0                             | 1   | 1   | 1     | 1     | 3               | 4    | 1.0   | 1.0   | 1.5  | 1.3       | 0  | 0                             | 1   | 1     | 1     | 2    | 3               | 0.6   | 0.7   |  |  |
| d. MDS & other            | 0                             | 4   | 0   | 0     | 1     | 4               | 5    | 1.5   | 1.4   | 0.8  | 0.7       | 1  | 1                             | 1   | 2     | 2     | 5    | 7               | 1.7   | 1.8   |  |  |
| e. Unspecified            | 0                             | 2   | 1   | 3     | 1     | 6               | 7    | 1.9   | 1.7   | 1.5  | 1.8       | 1  | 3                             | 0   | 0     | 0     | 4    | 4               | 1.6   | 1.2   |  |  |
| II LYMPHOMA & RELATED     | 1                             | 23  | 30  | 17    | 26    | 71              | 97   | 22.9  | 23.3  | 1.4  | 1.3       | 1  | 8                             | 20  | 20    | 24    | 49   | 73              | 15.7  | 17.6  |  |  |
| a. Hodgkin                | 0                             | 4   | 8   | 4     | 15    | 16              | 31   | 5.0   | 7.1   | 0.8  | 1.0       | 0  | 2                             | 7   | 11    | 10    | 20   | 30              | 6.2   | 7.0   |  |  |
| b. Non-Hodgkin except BL  | 1                             | 9   | 9   | 8     | 6     | 27              | 33   | 8.7   | 8.0   | 1.8  | 1.4       | 0  | 2                             | 6   | 7     | 9     | 15   | 24              | 4.7   | 5.7   |  |  |
| c. Burkitt (BL)           | 0                             | 5   | 9   | 5     | 3     | 19              | 22   | 6.0   | 5.3   | 2.1  | 1.8       | 0  | 2                             | 6   | 1     | 3     | 9    | 12              | 3.0   | 3.0   |  |  |
| d. Lymphoreticular        | 0                             | 4   | 2   | 0     | 0     | 6               | 6    | 2.1   | 1.6   | 2.0  | 2.0       | 1  | 2                             | 0   | 0     | 0     | 3    | 3               | 1.2   | 0.9   |  |  |
| e. Unspecified            | 0                             | 1   | 2   | 0     | 2     | 3               | 5    | 1.0   | 1.2   | 1.5  | 1.3       | 0  | 0                             | 1   | 1     | 2     | 2    | 4               | 0.6   | 0.9   |  |  |
| III CNS NEOPLASMS †       | 4                             | 33  | 32  | 31    | 33    | 100             | 133  | 32.2  | 32.0  | 1.0  | 0.9       | 6  | 20                            | 33  | 38    | 44    | 97   | 141             | 31.8  | 34.5  |  |  |
| a. Ependymoma             | 1                             | 9   | 1   | 4     | 6     | 15              | 21   | 5.2   | 5.3   | 1.1  | 1.3       | 2  | 7                             | 1   | 4     | 2     | 14   | 16              | 5.0   | 4.3   |  |  |
| b. Astrocytoma            | 1                             | 8   | 9   | 10    | 6     | 28              | 34   | 8.9   | 8.2   | 1.0  | 0.8       | 1  | 4                             | 12  | 12    | 13    | 29   | 42              | 9.3   | 10.1  |  |  |
| c. CNS embryonal          | 0                             | 6   | 13  | 6     | 4     | 25              | 29   | 7.9   | 7.0   | 1.2  | 1.1       | 3  | 3                             | 6   | 9     | 6     | 21   | 27              | 6.9   | 6.7   |  |  |
| d. Other gliomas          | 1                             | 3   | 3   | 4     | 3     | 11              | 14   | 3.5   | 3.4   | 1.0  | 0.9       | 0  | 1                             | 6   | 4     | 4     | 11   | 15              | 3.5   | 3.6   |  |  |
| e. Other specified        | 0                             | 4   | 2   | 7     | 11    | 13              | 24   | 4.0   | 5.5   | 0.9  | 0.8       | 0  | 4                             | 4   | 6     | 18    | 14   | 32              | 4.6   | 7.6   |  |  |
| f. Unspecified CNS        | 1                             | 3   | 4   | 0     | 3     | 8               | 11   | 2.7   | 2.8   | 1.0  | 1.2       | 0  | 1                             | 4   | 3     | 1     | 8    | 9               | 2.5   | 2.2   |  |  |
| IV NEUROBLASTOMA          | 10                            | 20  | 3   | 0     | 1     | 33              | 34   | 12.2  | 9.7   | 1.1  | 1.2       | 6  | 22                            | 1   | 0     | 0     | 29   | 29              | 11.4  | 8.8   |  |  |
| a. (Ganglio)neuroblastoma | 10                            | 20  | 3   | 0     | 1     | 33              | 34   | 12.2  | 9.7   | 1.1  | 1.2       | 6  | 22                            | 1   | 0     | 0     | 29   | 29              | 11.4  | 8.8   |  |  |
| b. Peripheral nervous     | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | -    | -         | 0  | 0                             | 0   | 0     | 0     | 0    | 0               | -     | -     |  |  |
| V RETINOBLASTOMA          | 4                             | 4   | 1   | 0     | 0     | 9               | 9    | 3.3   | 2.6   | 1.3  | 1.3       | 3  | 3                             | 0   | 1     | 0     | 7    | 7               | 2.7   | 2.1   |  |  |
| VI RENAL TUMOURS          | 6                             | 15  | 3   | 1     | 0     | 25              | 25   | 9.1   | 7.1   | 1.3  | 1.2       | 1  | 14                            | 3   | 2     | 1     | 20   | 21              | 7.5   | 6.0   |  |  |
| a. Nephroblastoma         | 6                             | 15  | 3   | 1     | 0     | 25              | 25   | 9.1   | 7.1   | 1.3  | 1.3       | 1  | 14                            | 3   | 1     | 0     | 19   | 19              | 7.2   | 5.6   |  |  |
| b. Renal carcinoma        | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | 0.0  | 0.0       | 0  | 0                             | 0   | 1     | 1     | 1    | 2               | 0.3   | 0.4   |  |  |
| c. Unspecified            | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | -    | -         | 0  | 0                             | 0   | 0     | 0     | 0    | 0               | -     | -     |  |  |
| VII HEPATIC TUMOURS       | 2                             | 2   | 1   | 1     | 0     | 6               | 6    | 2.1   | 1.6   | 6.0  | 3.0       | 0  | 1                             | 0   | 0     | 1     | 1    | 2               | 0.4   | 0.5   |  |  |
| a. Hepatoblastoma         | 2                             | 1   | 1   | 0     | 0     | 4               | 4    | 1.4   | 1.1   | 4.0  | 4.0       | 0  | 1                             | 0   | 0     | 0     | 1    | 1               | 0.4   | 0.3   |  |  |
| b. Hepatic carcinoma      | 0                             | 1   | 0   | 1     | 0     | 2               | 2    | 0.6   | 0.5   | -    | 2.0       | 0  | 0                             | 0   | 0     | 1     | 0    | 1               | -     | 0.2   |  |  |
| c. Unspecified            | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | -    | -         | 0  | 0                             | 0   | 0     | 0     | 0    | 0               | -     | -     |  |  |
| VIII BONE TUMOURS         | 1                             | 0   | 6   | 12    | 25    | 19              | 44   | 5.5   | 9.6   | 0.9  | 1.3       | 0  | 3                             | 5   | 14    | 13    | 22   | 35              | 6.8   | 8.2   |  |  |
| a. Osteosarcoma           | 0                             | 0   | 3   | 8     | 13    | 11              | 24   | 3.1   | 5.2   | 1.0  | 1.3       | 0  | 1                             | 2   | 8     | 7     | 11   | 18              | 3.3   | 4.1   |  |  |
| b. Chondrosarcoma         | 0                             | 0   | 0   | 0     | 4     | 0               | 4    | -     | 0.9   | 0.0  | 2.0       | 0  | 0                             | 0   | 1     | 1     | 1    | 2               | 0.3   | 0.4   |  |  |
| c. Ewing & related        | 1                             | 0   | 2   | 3     | 8     | 6               | 14   | 1.8   | 3.1   | 0.7  | 1.3       | 0  | 2                             | 3   | 4     | 2     | 9    | 11              | 2.9   | 2.7   |  |  |
| d. Other specified        | 0                             | 0   | 1   | 1     | 0     | 2               | 2    | 0.6   | 0.4   | -    | 0.7       | 0  | 0                             | 0   | 0     | 3     | 0    | 3               | -     | 0.7   |  |  |
| e. Unspecified            | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | 0.0  | 0.0       | 0  | 0                             | 0   | 1     | 0     | 1    | 1               | 0.3   | 0.2   |  |  |
| IX SOFT TISSUE SARCOMA    | 3                             | 3   | 2   | 14    | 13    | 22              | 35   | 6.7   | 7.9   | 0.7  | 0.8       | 5  | 11                            | 5   | 10    | 13    | 31   | 44              | 10.8  | 11.3  |  |  |
| a. Rhabdomyosarcoma       | 3                             | 2   | 1   | 4     | 2     | 10              | 12   | 3.3   | 3.0   | 0.6  | 0.7       | 3  | 8                             | 2   | 3     | 2     | 16   | 18              | 5.9   | 5.0   |  |  |
| b. Fibrosarcoma           | 0                             | 0   | 0   | 1     | 0     | 1               | 1    | 0.3   | 0.2   | 0.2  | 0.2       | 2  | 0                             | 1   | 2     | 1     | 5    | 6               | 1.7   | 1.5   |  |  |
| c. Kaposi sarcoma         | 0                             | 0   | 0   | 1     | 1     | 1               | 2    | 0.3   | 0.4   | 1.0  | 1.0       | 0  | 0                             | 1   | 0     | 1     | 1    | 2               | 0.3   | 0.5   |  |  |
| d. Other specified        | 0                             | 1   | 0   | 6     | 10    | 7               | 17   | 2.0   | 3.7   | 1.2  | 1.4       | 0  | 2                             | 1   | 3     | 6     | 6    | 12              | 2.0   | 2.9   |  |  |
| e. Unspecified            | 0                             | 0   | 1   | 2     | 0     | 3               | 3    | 0.8   | 0.7   | 1.0  | 0.5       | 0  | 1                             | 0   | 2     | 3     | 3    | 6               | 1.0   | 1.4   |  |  |
| X GERM CELL TUMOURS       | 4                             | 5   | 1   | 5     | 24    | 15              | 39   | 5.0   | 9.0   | 0.6  | 1.0       | 4  | 5                             | 6   | 11    | 15    | 26   | 41              | 8.6   | 10.1  |  |  |
| a. CNS germ cell ‡        | 1                             | 1   | 1   | 4     | 0     | 7               | 7    | 2.1   | 1.7   | 3.5  | 1.8       | 0  | 0                             | 1   | 1     | 2     | 2    | 4               | 0.6   | 0.9   |  |  |
| b. Other extragonadal     | 1                             | 2   | 0   | 1     | 1     | 4               | 5    | 1.4   | 1.3   | 0.4  | 0.5       | 4  | 5                             | 0   | 2     | 0     | 11   | 11              | 4.1   | 3.2   |  |  |
| c. Gonadal germ cell      | 2                             | 2   | 0   | 0     | 23    | 4               | 27   | 1.5   | 6.1   | 0.4  | 1.2       | 0  | 0                             | 5   | 6     | 11    | 11   | 22              | 3.3   | 5.0   |  |  |
| d. Gonadal carcinoma      | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | -    | 0.0       | 0  | 0                             | 0   | 0     | 2     | 0    | 2               | -     | 0.4   |  |  |
| e. Unspecified gonadal    | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | 0.0  | 0.0       | 0  | 0                             | 0   | 2     | 0     | 2    | 2               | 0.6   | 0.4   |  |  |
| XI CARCINOMA & MELANOMA   | 0                             | 1   | 4   | 11    | 18    | 16              | 34   | 4.6   | 7.4   | 0.6  | 0.5       | 0  | 1                             | 3   | 24    | 40    | 28   | 68              | 8.2   | 15.3  |  |  |
| a. Adrenocortical         | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | -    | -         | 0  | 0                             | 0   | 0     | 0     | 0    | 0               | -     | -     |  |  |
| b. Thyroid                | 0                             | 0   | 1   | 1     | 3     | 2               | 5    | 0.6   | 1.1   | 0.3  | 0.2       | 0  | 0                             | 0   | 8     | 21    | 8    | 29              | 2.3   | 6.5   |  |  |
| c. Nasopharyngeal         | 0                             | 0   | 0   | 6     | 4     | 6               | 10   | 1.6   | 2.1   | 6.0  | 2.5       | 0  | 0                             | 0   | 1     | 3     | 1    | 4               | 0.3   | 0.9   |  |  |
| d. Melanoma               | 0                             | 0   | 1   | 0     | 2     | 1               | 3    | 0.3   | 0.7   | 0.5  | 0.6       | 0  | 1                             | 0   | 1     | 3     | 2    | 5               | 0.7   | 1.2   |  |  |
| e. Skin carcinoma         | 0                             | 0   | 2   | 2     | 5     | 4               | 9    | 1.2   | 2.0   | 0.8  | 0.9       | 0  | 0                             | 0   | 5     | 5     | 5    | 10              | 1.4   | 2.2   |  |  |
| f. Other & unspecified    | 0                             | 1   | 0   | 2     | 4     | 3               | 7    | 0.9   | 1.6   | 0.3  | 0.3       | 0  | 0                             | 3   | 9     | 8     | 12   | 20              | 3.5   | 4.5   |  |  |
| XII OTHER & UNSPECIFIED   | 0                             | 1   | 1   | 1     | 4     | 3               | 7    | 1.0   | 1.6   | 0.6  | 1.0       | 0  | 2                             | 0   | 3     | 2     | 5    | 7               | 1.6   | 1.7   |  |  |
| a. Other specified        | 0                             | 0   | 0   | 0     | 0     | 0               | 0    | -     | -     | 0.0  | 0.0       | 0  | 1                             | 0   | 0     | 0     | 1    | 1               | 0.4   | 0.3   |  |  |
| b. Other unspecified      | 0                             | 1   | 1   | 1     | 4     | 3               | 7    | 1.0   | 1.6   | 0.8  | 1.2       | 0  | 1                             | 0   | 3     | 2     | 4    | 6               | 1.2   | 1.4   |  |  |
| TOTAL                     | 42                            | 219 | 116 | 124   | 172   | 501             | 673  | 167.5 | 166.6 | 1.1  | 1.1       | 36 | 158                           | 104 | 147   | 175   | 445  | 620             | 152.3 | 157.3 |  |  |

† includes 48 non-malignant in males and 53 non-malignant in females ‡ includes 2 non-malignant in males

Please consult the quality indicators for this registry

## TURKEY, Antalya (1998-2012)

|                           | Age group | Males     | Females   |
|---------------------------|-----------|-----------|-----------|
| Person-years              | 0         | 203 114   | 192 556   |
|                           | 1-4       | 824 796   | 785 090   |
|                           | 5-9       | 1 048 366 | 995 570   |
|                           | 10-14     | 1 074 015 | 1 020 687 |
|                           | 15-19     | 1 051 202 | 1 003 815 |
| Total                     | 0-14      | 3 150 291 | 2 993 903 |
|                           | 0-19      | 4 201 493 | 3 997 718 |
| Average annual population | 0-14      | 210 019   | 199 594   |
|                           | 0-19      | 280 100   | 266 515   |

Please consult the quality indicators for this registry