



PUNJAB CANCER REGISTRY REPORT-2021

Background information

- The Punjab Cancer Registry (PCR) was established in Lahore in 2005.
- The Shaukat Khanum Memorial Trust is sponsoring the Registry.
- The Registry has 27 collaborating centers.
- The Registry has 48 members including a 9-member Governing Council.

The 2021 preliminary report

- Geographic area under study: the Lahore district, Punjab, Pakistan.
- Period under review: January 01, 2021-December 31, 2021 (1-year).
- Total: 6,507 new cancer diagnoses reported.
- Female: 3,887 (59.74%) and male: 2,620 (40.26%).
- Adults: 6,005 (92.29%) and children (<= 18 yrs.): 502 (7.71%).
- This is a report on top 10 cancers only. Therefore, the total does not add up to 100%.
- This is a preliminary report and will be updated based on the availability of data.

Table 1. Total and frequently reported cancers, by sex and age-group, Lahore, Pakistan, January 1, 2021-December 31, 2021, the Punjab Cancer Registry.

| Total cases reported | Count | % |
|--|--------------|------------|
| Total malignancies reported | 6,507 | 100 |
| Female | 3,887 | 59.74 |
| Male | 2,620 | 40.26 |
| <u>Ten most frequently reported cancers-All age groups, both sexes combined (N=6,507)</u> | | |
| Breast | 1,774 | 27.3 |
| Brain & nervous system | 392 | 6.0 |
| Colon, rectum, & anus | 383 | 5.9 |
| Non-Hodgkin lymphoma | 316 | 4.9 |
| Lip & oral cavity | 253 | 3.9 |
| Leukemia | 230 | 3.5 |
| Urinary bladder | 206 | 3.2 |
| Corpus uteri & uterus | 195 | 3.0 |
| Ovary | 168 | 2.6 |
| Trachea, bronchus, & lung | 157 | 2.4 |

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| <u>Ten most frequently reported cancers in adult females (N=3,682)</u> | | |
|--|-------|------|
| Breast | 1,741 | 47.3 |
| Corpus uteri & uterus | 195 | 5.3 |
| Ovary | 162 | 4.4 |
| Colon, rectum, & anus | 154 | 4.2 |
| Non-Hodgkin lymphoma | 118 | 3.2 |
| Brain & nervous system | 108 | 2.9 |
| Lip & oral cavity | 86 | 2.3 |
| Cervix | 73 | 2.0 |
| Thyroid | 69 | 1.9 |
| Skin | 65 | 1.8 |
| <u>Ten most frequently reported cancers in adult males (N=2,323)</u> | | |
| Colon, rectum, & anus | 220 | 9.5 |
| Brain & nervous system | 204 | 8.8 |
| Urinary bladder | 169 | 7.3 |
| Lip & oral cavity | 161 | 6.9 |
| Non-Hodgkin lymphoma | 157 | 6.8 |
| Prostate | 151 | 6.5 |
| Trachea, bronchus, & lung | 106 | 4.6 |
| Liver & intrahepatic bile ducts | 95 | 4.1 |
| Stomach | 84 | 3.6 |
| Kidney | 81 | 3.5 |
| <u>Ten most frequently reported cancers in adults (> 18 years (N=6,005))</u> | | |
| Breast | 1,773 | 29.5 |
| Colon, rectum, & anus | 374 | 6.2 |
| Brain & nervous system | 312 | 5.2 |
| Non-Hodgkin lymphoma | 275 | 4.6 |
| Lip & oral cavity | 247 | 4.1 |
| Urinary bladder | 206 | 3.4 |
| Corpus uteri & uterus | 195 | 3.3 |
| Ovary | 162 | 2.7 |
| Trachea, bronchus, & lung | 156 | 2.6 |
| Prostate | 151 | 2.5 |
| <u>Ten most frequently reported cancers in children (<= 18 years (N=502))</u> | | |
| Acute lymphoblastic leukemia | 93 | 18.5 |
| Glioma | 75 | 14.9 |
| Non-Hodgkin lymphoma | 41 | 8.2 |
| Hodgkin lymphoma | 38 | 7.6 |
| Acute myeloid leukemia | 23 | 4.6 |
| Osteosarcoma | 20 | 4.0 |
| Ewing Sarcoma / PNET | 19 | 3.8 |
| Rhabdomyosarcoma | 19 | 3.8 |
| Nephroblastoma | 16 | 3.2 |
| Neuroblastoma | 16 | 3.2 |

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