

**Overview of HIV/AIDS in Punjab (Till June, 2019)**  
**PUNJAB STATE AIDS CONTROL SOCIETY**  
**National AIDS Control Programme in Punjab**

**India:**

- Estimated HIV/ AIDS cases in India **21.40 Lakhs**
  - Estimated adult HIV prevalence **0.22 %**
- (Male- 0.25%; Female- 0.19%)**

**Punjab:**

- Estimated adult cases in Punjab(PLWHA) as per Estimation 2017 **40,600**
- Estimated adult HIV prevalence **0.18 %**
- HIV Positive Cases Reported (1993 to June 2019) from **74781**  
(Integrated Counseling & Testing Centres- ICTC)
- HIV Positivity (1993 to June 2019) in ICTC **1.09%**
- Total Patients registered in HIV Care till June 2019 **61807**
- Total Ever started on ART in Punjab till June 2019 **49277**
- Currently on ART in Punjab till June 2019 **34392**
- Cumulative no. of deaths on ART till June 2019 **8427**
- Number of licensed blood banks **118**  
(Govt. -46, Private-66, Military-6)
- Number of BCSUs **73**
- Number of ICTCs **808**  
(112 Stand Alone (109SA+ 2TB+ 1ESI), 1 SA PPP, 1 SA Mobile ICTC, 329 CHC/PHC, 263 FI PPP, 24 FI MMU, 1 FI TB, 5 FI ESI, 72 CBT)
- **Number of CST Facilities**
- ART Plus Treatment Centre, Amritsar (Designated) **01**
- ART Centres (Jalandhar, Patiala, Ludhiana, Pathankot, Bathinda Ferozepur, Hoshiarpur and Tarn Taran) **08**
- FI-ART Centres (Batala, Moga, Rupnagar & Faridkot) **04**
- Link ART Plus Centres (Sangrur) **01**
- Link ART Centres (Barnala, Fatehgarh Sahib, Fazilka, Gurdaspur, Kapurthala, Mansa, Mohali, Muktsar, Nawanshahar (ICTC & OST), Sangrur, Mandi Gobindgarh. **12**

**Overview of HIV/AIDS in Punjab**

**PUNJAB STATE AIDS CONTROL SOCIETY**

**National AIDS Control Programme in Punjab**

|   | 2008                | 2009    | 2010    | 2011    |  |  |  | 2015        |  |  |  | 2019-20<br>(June) |
|---|---------------------|---------|---------|---------|--|--|--|-------------|--|--|--|-------------------|
| <b>INDIA</b>  |                     |         |         |         |  |  |  |             |  |  |  |                   |
| Estimated HIV/ AIDS cases in India as per Estimation          | 219251 <sub>1</sub> | 2141706 | 2106227 | 2088642 |  |  |  | 21.17 Lakhs |  |  |  | 21.40 Lakhs       |
| Estimated adult HIV prevalence as per Estimation              | 0.31                | 0.30    | 0.28    | 0.27    |  |  |  | 0.26        |  |  |  | 0.22              |
| <b>PUNJAB (Cummulative)</b>                                   |                     |         |         |         |  |  |  |             |  |  |  |                   |
| Estimated cases in Punjab (PLHIV) as per Estimation           | 25320               | 27252   | 29491   | 31961   |  |  |  | 36794       |  |  |  | 40600             |
| Estimated adult HIV prevalence as per Estimation              | 0.16                | 0.16    | 0.17    | 0.18    |  |  |  | 0.19        |  |  |  | 0.18              |
| Total tested in ICTC ( 1993 to June 2019)                     |                     |         |         |         |  |  |  |             |  |  |  | 6861461           |
| Total Detected HIV Positive in ICTCs (From 1993 to June 2019) |                     |         |         |         |  |  |  |             |  |  |  | 74781             |
| HIV Positivity (1993 to June 2019) in ICTC                    |                     |         |         |         |  |  |  |             |  |  |  | 1.09              |
| Total Patients Registered in HIV Care in Punjab               |                     |         |         |         |  |  |  |             |  |  |  | 61807             |
| Ever Started on ART   |                     |         |         |         |  |  |  |             |  |  |  | 49277             |
| Currently on ART  |                     |         |         |         |  |  |  |             |  |  |  | 34392             |
| Cummulative no. of deaths on ART                              |                     |         |         |         |  |  |  |             |  |  |  | 8427              |

|  | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 (June) |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------|
| <b>ICTCs (Interated Counseling and Testing Centres):</b> |         |         |         |         |         |         |         |         |         |         |         |                |
| No. of ICTCs   | 73      | 148     | 168     | 211     | 224     | 272     | 367     | 384     | 429     | 438     | 725     | 808            |
| Total no. of Cases tested during the year                | 167307  | 228207  | 277678  | 348445  | 430833  | 502289  | 604417  | 658452  | 864979  | 1012515 | 1209652 | 353213         |
| Total no. of Cases detected Positive during the year     | 4954    | 5351    | 5433    | 5387    | 4863    | 4537    | 5385    | 5543    | 5987    | 6730    | 8133    | 2943           |
| HIV Positivity in ICTCs during the year                  | 2.96    | 2.34    | 1.96    | 1.55    | 1.13    | 0.90    | 0.89    | 0.84    | 0.69    | 0.66    | 0.67    | 0.83           |
| Total no. of ANC Mothers Positive during the year        | 184     | 182     | 244     | 280     | 275     | 260     | 237     | 274     | 307     | 343     | 321     | 100            |
| No. of Positive Deliveries                               | 89      | 102     | 308     | 356     | 234     | 252     | 154     | 236     | 320     | 304     | 389     | 98             |
| No. of MB Pair given                                     | 79      | 93      | 141     | 208     | 199     | 132     | 59      | 110     | 274     | 257     | 279     | 72             |
| % age of MB Pair   | 88.76   | 91.18   | 45.78   | 58.43   | 83.33   | 52.38   | 38.31   | 46.61   | 85.63   | 84.54   | 71.72   | 73.47          |
| <b>ART (Anti Retroviral Therapy Centres):</b>            |         |         |         |         |         |         |         |         |         |         |         |                |
| No. of ART   | 3       | 5       | 6       | 6       | 7       | 7       | 9       | 9       | 9       | 9       | 9       | 9              |
| No. of Link ART  | 2       | 5       | 6       | 7       | 4       | 4       | 4       | 3       | 4       | 4       | 12      | 12             |
| No. of Link ART Plus Treatment Centres                   |         |         |         |         | 2       | 4       | 3       | 1       | 1       | 1       | 1       | 1              |
| No. of FI-ART Centres                                    |         |         |         |         |         |         |         | 3       | 3       | 4       | 4       | 4              |
| No. of ART Plus Treatment Centres                        |         |         |         |         | 1       | 1       | 1       | 1       | 1       | 1       | 1       | 1              |
| Total Patients registered in HIV Care during the year    | 4119    | 4443    | 5231    | 5024    | 4897    | 4639    | 3602    | 5440    | 5622    | 6092    | 7992    | 2702           |
| Total Ever started on ART in Punjab during the year      | 2382    | 2609    | 2958    | 3064    | 3725    | 3011    | 2504    | 3012    | 3705    | 5301    | 7188    | 2184           |
| Total no. of patients currently on ART during the year   | 1729    | 1569    | 1713    | 1952    | 2272    | 2434    | 1532    | 2731    | 3234    | 4656    | 6226    | 2129           |

| <b>TIs(Targeted Intervention):</b>                     |                        |        |                                    |        |        |        |        |        |        |        |        |        |
|--|------------------------|--------|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| No. of NGO TIs Projects                                | 24                     | 31     | 50                                 | 57     | 62     | 69     | 69     | 64     | 59     | 56     | 61     | 61     |
| <b>Typology Wise Distribution of TIs (Operational)</b> |                        |        |                                    |        |        |        |        |        |        |        |        |        |
| FSW (Female Sex Worker)                                | 3                      | 6      | 8                                  | 11     | 12     | 16     | 16     | 13     | 11     | 9      | 10     | 10     |
| MSM (Men having Sex with Men)                          | 0                      | 0      | 2                                  | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 3      | 3      |
| IDU (Injecting Drug User)                              | 7                      | 11     | 19                                 | 20     | 24     | 24     | 24     | 23     | 21     | 19     | 18     | 18     |
| Truckers   | 0                      | 3      | 3                                  | 3      | 4      | 5      | 5      | 5      | 2      | 2      | 2      | 2      |
| Migrants   | 4                      | 2      | 14                                 | 3      | 3      | 4      | 4      | 3      | 4      | 4      | 5      | 5      |
| Composite  | 10                     | 9      | 4                                  | 18     | 19     | 20     | 20     | 20     | 21     | 22     | 23     | 23     |
| <b>HRG Coverage</b>                                    | <b>Coverage Target</b> |        | <b>Achievement with percentage</b> |        |        |        |        |        |        |        |        |        |
| FSW  | 11600                  |        | 12815                              |        |        |        | 110%   |        |        |        |        |        |
| MSM  | 3750                   |        | 3278                               |        |        |        | 87%    |        |        |        |        |        |
| IDU  | 13350                  |        | 13788                              |        |        |        | 103%   |        |        |        |        |        |
| Migrants   | 60000                  |        | 54129                              |        |        |        | 90%    |        |        |        |        |        |
| Truckers   | 20000                  |        | 19825                              |        |        |        | 99%    |        |        |        |        |        |
| <b>STD (Sexually Transmitted Disease):</b>             |                        |        |                                    |        |        |        |        |        |        |        |        |        |
| No. of STD Clinics                                     | 22                     | 23     | 24                                 | 26     | 28     | 29     | 31     | 31     | 31     | 31     | 31     | 31     |
| No. of patients attending STD Clinics                  | 39655                  | 55554  | 53911                              | 54800  | 58691  | 61326  | 78600  | 102614 | 160460 | 175963 | 181384 | 48417  |
| <b>BB (Blood Bank):</b>                                |                        |        |                                    |        |        |        |        |        |        |        |        |        |
| Number of licensed blood banks                         | 93                     | 93     | 96                                 | 96     | 97     | 99     | 102    | 104    | 107    | 111    | 116    | 118    |
| Number of Blood Component Separation Units             | 22                     | 25     | 31                                 | 32     | 36     | 36     | 42     | 48     | 48     | 48     | 67     | 73     |
| Total Collection in all BBs                            | 307222                 | 312864 | 340186                             | 371266 | 388717 | 386980 | 414651 | 363501 | 421678 | 431335 | 438481 | 112140 |
| Voluntary Collection in all BBs                        | 89303                  | 129642 | 185714                             | 219479 | 247172 | 242585 | 282794 | 263177 | 360319 | 381537 | 381627 | 101810 |
| % age VBD in all BBs                                   | 29.07                  | 41.44  | 54.59                              | 59.12  | 63.59  | 62.69  | 68.20  | 72.40  | 85.45  | 88.45  | 87.03  | 90.79  |

|                                   |        |        |        |        |        |        |        |        |        |        |        |       |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Total Collection in Govt. BBs     | 145491 | 148443 | 169821 | 183512 | 199102 | 190078 | 206815 | 182327 | 217900 | 223829 | 231120 | 60894 |
| Voluntary Collection in Govt. BBs | 63483  | 86173  | 118460 | 143539 | 163391 | 154134 | 183911 | 173511 | 211172 | 216458 | 217421 | 59717 |
| % age VBD in Govt. BBs            | 43.63  | 58.05  | 69.76  | 78.22  | 82.06  | 81.09  | 88.93  | 95.16  | 96.91  | 96.71  | 94.07  | 98.07 |

## Since Inception District Wise HIV Data (Till June, 2019)

| <b>District</b>    | <b>Tested for HIV</b> | <b>HIV Positive</b> | <b>% positivity</b> |
|--------------------|-----------------------|---------------------|---------------------|
| Amritsar           | 842260                | 16505               | 1.96                |
| Barnala            | 137130                | 788                 | 0.57                |
| Bathinda           | 347286                | 3229                | 0.93                |
| Faridkot           | 171595                | 2744                | 1.60                |
| Fatehgarh Sahib    | 131334                | 798                 | 0.61                |
| Fazilka            | 122014                | 655                 | 0.54                |
| Firozpur           | 207251                | 2881                | 1.39                |
| Gurdaspur          | 377709                | 3241                | 0.86                |
| Hoshiarpur         | 370126                | 2710                | 0.73                |
| Jalandhar          | 462017                | 7766                | 1.68                |
| Kapurthala         | 221671                | 2141                | 0.97                |
| Ludhiana           | 947909                | 8814                | 0.93                |
| Mansa              | 181399                | 973                 | 0.54                |
| Moga               | 176977                | 2309                | 1.30                |
| Mohali             | 294968                | 1032                | 0.35                |
| Muktsar            | 160700                | 897                 | 0.56                |
| Nawanshahr         | 117897                | 1297                | 1.10                |
| Pathankot          | 239711                | 1938                | 0.81                |
| Patiala            | 531409                | 7674                | 1.44                |
| Rupnagar           | 269681                | 1560                | 0.58                |
| Sangrur            | 336189                | 1809                | 0.54                |
| Tarn Taran         | 214228                | 3020                | 1.41                |
| <b>State Total</b> | <b>6861461</b>        | <b>74781</b>        | <b>1.09</b>         |