

Methodology for Data Collection & Publication

A) Data Collection and Compilation Process

The publication year refers to the calendar year (1st January to 31st December of 2016)

The data collection process including clarifications from the States/UTs/Central Agencies started in January/February 2017 and continued till September, 2017.

a) State/UT Police:

- i. The annual State/UT data for “Crime in India” is furnished by the 36 States/UTs in the NCRB prescribed proforma in hardcopy as well as in softcopy through software application developed by NCRB.
- ii. Similar data is also furnished for 53 Metropolitan Cities by respective SCRBs /CIDs (i.e. Metropolitan Cities which have the population of 1 million (10 lakh) or more as per Population Census, 2011. However, data pertaining to only 19 Metropolitan Cities which have crossed the population of 2 million (20 lakhs) is being published. The data for remaining 34 Metropolitan Cities would, however, be available on NCRB Website.
- iii. The data is entered by State/UT Police at Police Station/District level.
- iv. A training is conducted every year for the functional officials (Police constables, HCs, ASIs, SIs from all States/UTs) to explain the various issues including entry of data in input tables.
- v. The consolidation of District/State level data is done by State Police Agencies (SCRB/ CID).
- vi. First level data validation is done at the Police Station/District level during the data capturing process itself through the validation checks provided in the NCRB application.
- vii. Second level data validation is done at the time of consolidation of District data by the State Police through the NCRB application.
- viii. Third level validation of State data is done by NCRB officials including by Director/Joint Director (Admn.)/Deputy Director (Admn.) /CSO & other officers.
- ix. Steep variations noticed over previous year both through application as well as manual screening are communicated to the respective State/UT for verification and rectification.
- x. Amendments/Rectifications, if any, in the data are incorporated in the database by NCRB.

b) Central Law Enforcement Agencies:

Details of cases registered under Prevention of Corruption Act, Foreign Exchange Management Act, Direct Taxes Enactments, Customs Act, Seizures under NDPS Act, etc. are being furnished by the respective Central Agencies viz. CBI, Central Board of Direct Taxes, Directorate of Revenues Intelligence, Narcotics Control Bureau & CAPFs/CPOs etc. have been published in the Chapter 20 on Seizures.

c) Compilation at NCRB:

- i. After receiving final data from all States/UTs including Metropolitan Cities, All-India data is generated by NCRB.

- ii. The National Level tables for the “Crime in India” publication are generated through the application and cross checked for discrepancy, if any.
- iii. These tables are presented in the form of compilation “Crime in India (Statistics)”.
- iv. The comprehensive analysis of the “Crime in India (Statistics)” including pictorial representations are presented in the form of “Crime in India (Compendium)”.
- v. The additional tables containing information which are not published in the “Crime in India (Statistics)” are prepared and made available on NCRB website (details of additional tables are given in Para C).

B) Methodology Adopted for the Present Publication (2016)

a) Principle Offence Rule:

As per the International Standard, the Bureau follows ‘Principle Offence Rule’ for counting of crime. Hence among many offences registered in a single FIR case, only most heinous crime (maximum punishment) will be considered as counting unit. Hence, there is likelihood of some IPC/SLL cases getting under reported as they are hidden under major IPC crimes i.e. Murder with Rape is accounted as Murder & Dowry Prohibition Act when applied along with 304B of IPC will be counted as Dowry Death only.

The Principle Offence Rule is not applicable for chapters of Crimes against Women, Crimes Against Children, Crimes Against SC/ST, juveniles in conflict with law, crime against senior citizens etc.

b) Population

Sl. No.	Segment	Source	Year of Population
1	IPC & SLL	RGI	Estimated on the basis of 2001 Census for 2016
2	Women	RGI	Estimated on the basis of 2001 Census for 2016
3	Children	Ministry of Health & Family Welfare	Estimated on the basis of 2001 Census for 2014
4	Senior Citizen	RGI	Actual Census 2011
5	Schedule Caste	RGI	Actual Census 2011
6	Schedule Tribe	RGI	Actual Census 2011
7.	Metro Cities	RGI	Actual Census 2011

c) Crime Rate

In order to make the Statistical Analysis more meaningful, ‘Crime Rate’ has been calculated on the basis of population of the respective segment of the population viz. Women, SC/ST, etc.

Crime Rate = Number of Cases Reported / Mid-Year Projected Population in Lakhs

C) Changes/Improvements in Current Publication (2016)

1) Classification of Crime Heads from chapter 1 has followed chapterization in Indian Penal Code, 1860 (except Chapter XVI)

(a) Indian Penal Code

IPC	IPC 1860 Chapter
A. Offences Affecting the Human Body	XVI
B. Offences against the State	VI
C. Offences against Public Tranquillity	VIII
D. Offences against Property	XVII
E. Offences Relating to Documents & Property Marks	XVIII
F. Miscellaneous (i) 498 A IPC	XX A
(ii) 509 IPC	XXII
(iii) Other IPC	

(b) Other IPC Crimes

Other IPC crimes include cases of Abetment of Suicide, Attempt to Commit Suicide, Assault on Public Servant, Affray, Simple Hurt, Public Safety, Trespass, Mischief, Receiving of Stolen Property etc. However, the State/UT-wise crime head-wise break up of 'Other IPC Crimes' for the year 2016 would be made available on NCRB website <http://ncrb.gov.in> under 'Additional Table' link.

(c) Special & Local Laws (SLL Crimes) – Classification

SLL
A. Crime Against Women - related Acts
B. Crime Against Children - related Act
C. Crime Against Scheduled Castes and Scheduled Tribes - related Acts
D. Offences against State - related Acts
E. Arms/Explosive - related Acts
F. Information Technology / Intellectual Property Acts
G. Liquor, Arms & Narcotics Drug - related Acts
H. Other Regulatory & Enforcement Acts
I. Environment - related Acts
J. Foreigner & Passport - related Acts
K. Railways - related Acts
L. Miscellaneous Acts (including Other SLL Crimes)

(d) Other SLL Crimes

- i. To ensure reporting of only those crimes in other SLL for which FIR cases are registered by the State police under Special & Local Acts, States/UTs were requested to exclude those SLL cases for which either FIRs are not registered or the case is not sent to the judicial Magistrate. Such cases have been excluded from other SLL crimes (MV challans, Police Act, CrPC FIRs, NSA, 1980 etc.) and figures have been accordingly revised by the states for the years 2014-2016. The revised figures have been presented in the report through Corrigendum (Table 1.1).
- ii. Other SLL Crimes include cases under Motor Vehicle Act (only where the FIR is Registered in some States), Cigarettes and Other Tobacco Products (COTPA) Act, Protection Of Children from Sexual Offences (POCSO) Act, Land Revenue Act, Prevention of Cruelty to Animal Act, Money Lenders Act, Food Safety Standard Act, Noise Pollution Act and Local Police Act, etc.
- iii. The data of 11 minor SLL Acts ((i) Young Persons (Harmful Publications) Act, 1956 (ii) Place of Worship (Special Provisions) Act, 1991 (iii) Religious Institution (Prevention of Misuse) Act, 1988 (iv) Infant Milk Substitutes, Feeding Bottles and Infant Foods (Regulation of Production, Supply and Distribution) Amendment Act, 2003 (v) Anti-Hijacking Act, 1982 (vi) Atomic Energy Act, 1962 (vii) Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Act, 2005 (xiii) Suppression of Unlawful Acts against Safety of Civil Aviation Act, 1982 (ix) Suppression of Unlawful Acts against Safety of Maritime Navigation and Fixed Platforms on Continental Shelf Act, 2002 (x) The Employment of Manual Scavengers and Construction of Dry Latrines (Prohibition) Act, 1993 and (xi) The Maritime Zones of India (Regulation of Fishing by Foreign Vessels) Act, 1981) have been merged in other SLL as very few cases are reported. However, the State/UT-wise details of these SLL Acts will be available on the NCRB website <http://ncrb.gov.in>.
- iv. However, the State/UT-wise break up of 'Other SLL Crimes' for the year 2016, would be made available on NCRB website <http://ncrb.gov.in> under '[Additional Table](#)' link.
- v. Victims information under various Acts (where there should not be any victims) has been removed (Example: Arms Act, Prohibition Act, Excise Act, Gambling Act, etc.).
- vi. Various sections of IPC & SLL have been arranged in descending order of Incidence.

e) Crimes/Atrocities against SC/ST

- i. In Tables of Crimes against SCs/STs, cases of Atrocities only have been considered (SC/ST Act, 1989).
- ii. Cases registered under only IPC crimes (without SC/ST PoA Act) have been excluded as those cases refer to Crimes against SC or ST by SC/ST only.

2) New Chapters

a) Missing Persons

A new chapter on Missing Persons & Children has been included based on the “Crime in India” data provided by the State/UT Police Agencies (Hon’ble Supreme Court direction vide Writ Petition (Civil) No.75 of 2012 dated 17.01.2013.)

b) Crimes in 19 Metropolitan Cities

City-wise Incidence of Crimes and disposal for 19 metropolitan cities (> 2 million population) has been included for the first time in the following chapters.

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| i. Violent Crimes | (Chapter 2B) |
| ii. Crime Against Women | (Chapter 3B) |
| iii. Crime Against Children | (Chapter 4B) |
| iv. Juveniles in conflict with Law | (Chapter 5B) |
| v. Crimes/Atrocities against SC/ST | (Chapters 7B / 7D) |
| vi. Economic Offences | (Chapter 8B) |
| vii. Cyber Crimes | (Chapter 9B) |
| viii. Crime against Senior Citizen | (Chapter 6B) |
| ix. Disposal of Cases by Police & Court | (Chapters 17B & 18B) |
| x. Arrests, Convictions and Acquittals | (Chapter 19B) |

c) Seizures by CAPFs

- a) New table on State/UT wise cases of FICN (Fake Indian Currency Notes) registered along with the denominations seized has been included (based on the monthly data provided by the State Police Agencies/RBI).
- b) In addition for the first time, annual statistics on the seizure of Arms, Ammunitions, Drugs and Currency has also been collected from CAPFs/CPOs (AR, CISF, BSF, CRPF, NIA & SSB) and presented in the report.

d) Crime in Railways

- i. New tables on cases registered & their disposal by RPF under Railway Act 1989 and Railway Property (unlawful possession) Act 1966 for the year 2015 & 2016 has been included.

3) Human Trafficking

The earlier Chapter 6A of Crime in India - 2015 was based on the annual statistics collected through Crime in India performae by clubbing various sections of IPC and SLL viz. Importation of girl, Immoral Traffic (Prevention) Act, Procuration of minor girl, Buying of minor girl, Selling of minor girl and Cases under IPC sections 370 & 370A.

However, for the present edition the information is based on the Monthly Anti Human Trafficking Data furnished by the AHT Units of State/UT police.

4) Disposal of Cases by Police and Court- Revision of Formulas

Total Final Report (FR) Cases	=	True but lack of sufficient Evidence + False + Mistake of Fact or of Law + Non-cognizable
Total Cases Disposed off by Police	=	Cases Transferred to other PS + Cases not investigated u/s 157 CrPC + Total Final Reports (FR) + Cases Chargesheeted
Charge-sheeting Rate	=	(Cases Chargesheeted/Cases disposed off by Police)*100
Cases Pending Investigation at end of year	=	Total Cases for Investigation – Cases Disposed off by Police
Cases Pendency Rate	=	(Cases Pending Investigation at the end of year/total Cases for Investigation during the year)*100
Cases Disposed off by Courts	=	Cases withdrawn by Govt. + Cases Disposed by Plea bargaining + Cases Compounded + Cases Convicted + Cases Acquitted/Discharged
Cases Pending Trial Percentage	=	(Cases Pending Trial/Total Cases for Trial)*100

- 5) Revised definition of Violent Crime is made by excluding 'Preparation /Assembly for DACOITY' & including 'Grievous Hurts'
- 6) Nationality of foreigners accused and victims has been added in chapter 13
- 7) Snapshots (State/UT-wise and City-wise) have been incorporated
- 8) A chapter on Methodology for publication has been incorporated
- 9) State/UT/Metropolitan City has been ranked on the basis of Crime Rate as well as percentage share of Crime.
- 10) Glossary (Bi-lingual) Hindi & English has been incorporated
- 11) The draft compilation of National level tables for Crime in India -2016 was shared with all the States/UTs to verify respective statistics furnished by them.

D) Additional Tables on NCRB Portal

- i. The Crime Head-wise incidents and other statistics in respect of remaining 34 Metropolitan Cities with population of 1 to 2 million.
- ii. State/UT-wise details of incidents of crimes under 'Other IPC Crimes' for the year 2016.
- iii. State/UT-wise details of incidents of crimes under 'Other SLL Crimes' for the year 2016.

- iv. Chapter on 'Seizures' of drugs and explosive of States/UTs (data is under clarification).
- v. Age Group-wise Victims of Culpable Homicide not amounting to Murder.
- vi. State/UT-wise and Age Group-wise Victims of Incest Rape.
- vii. State/UT-wise Offenders Relation and Proximity to Victims Reported under Section 4 & 6 of POCSO Act.
- viii. State/UT-wise Sex-wise and Crime Head-wise Persons Arrested for various IPC Crimes Committed Against Senior Citizens
- ix. State/UT-wise and Crime Head-wise details of incidents of Property Crimes alongwith the place of occurrence.
- x. State/UT-wise number of complaints (oral, written, etc.) received by the Police by various modes of communications.
- xi. State/UT-wise Disposal of Complaints (Departmental Action/Punishment) against Police Personnel.
- xii. State/UT-wise Disposal of Persons Arrested under IPC by Police & Court.
- xiii. State/UT-wise Disposal of Persons Arrested under SLL by Police & Court.

E) Future Road Map

- 1) A workshop was conducted by NCRB in March 2017 with the Directors of SCRBx/ Heads of CID Units of State/UT Police to further improve upon the contents and coverage of annual publication. As a result, NCRB has designed Additional 14 Forms to collect the following additional information:
 - i. FIRs Registered / Action Taken under Sections 106,107,109,110,151 and 174 Cr.PC.
 - ii. Attacks on Media Person/Journalists/RTI Activists/ Whistle-blowers.
 - iii. Offences Committed against persons belonging to North-Eastern States.
 - iv. Cases Registered under Cyber Crimes against Women and Children
 - v. Preventive Arrests.
 - vi. Notice u/s 41A (i) Cr.PC.
 - vii. Seizures & Disposal of Properties under Section 102 of Cr.PC.
 - viii. Workload of Police Stations & time taken by Police to dispose off cases.
All above will be covered w.e.f. Crime in India 2017 only.
- 2) Online suggestions will be invited to improve NCRB publications.
- 3) Workshop will be held up with all other Stakeholders like NGOs, Media, Journalists, Govt. Departments to take feedback and improve the context.
- 4) Gap Analysis will be done w.r.t Parliamentary Questions
- 5) To generate annual publication data from online CCTNS database from next year.
