



UNODC

United Nations Office on Drugs and Crime



UNODC-KOSTAT

Centre of Excellence for Statistics
on Crime and Criminal Justice
in Asia and the Pacific



**SUSTAINABLE
DEVELOPMENT
GOALS**

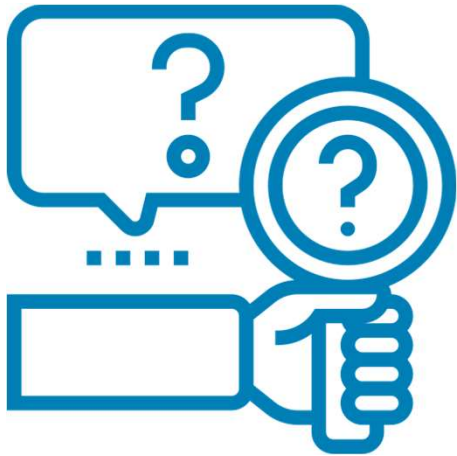


16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



Disaggregation variables: Strengthening administrative records

What are disaggregations in the ICCS?



Disaggregating variables (DVs) refer to the characteristics of the crime that are important to better understand the complexities of each offence and develop more effective evidence-based policies.

Adds policy-relevant value to crime data by revealing drivers of crime (e.g., trend data show homicides are increasing, but where? What kind of homicides? What age groups? What mechanisms? etc.)

Why are disaggregating variables needed?



ICCS DVs refer to the event, victim(s) and perpetrator(s).

At the international level, a minimum set of disaggregations should be harmonized to facilitate comparative analysis (e.g. age groups, or victim-perpetrator relationship).

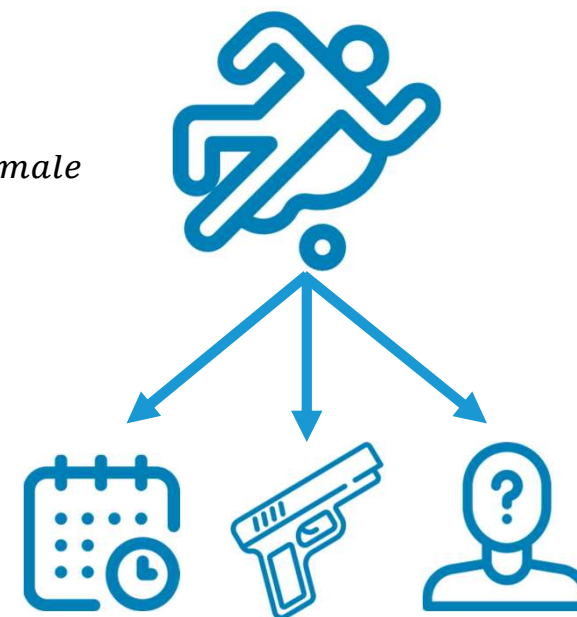


How to implemented?

- DVs further divide all observations that fall into a particular category of the ICCS or the national classification of crimes into mutually exclusive categories.

$$Theft\ victims_{Total} = Theft\ victims_{Male} + Theft\ victims_{Female}$$

- The recording of additional characteristics of crimes, victims and offenders should be done at the level of primary data entry for each observation.
- In computerized data capture, storage, transfer and compilation systems, it is possible to record a large number of disaggregations for each unit record.



ICCS disaggregations

Disaggregating variables may refer to::

- **Description of the Event**: Situational context, motive, type of weapon used, location, date/time, attempted/completed, act related to cybercrime, etc.
- **Description of the Victim**: sex, age, legal age, relationship between victim and perpetrator, citizenship, legal status of the victim, intoxication status, etc.
- **Description of the Perpetrators**: sex, age, legal age, relationship between victim and perpetrator, citizenship, legal status of the victim, intoxication status, repeat offender, etc.



Additional disaggregations/metadata

In some cases, it may be important to make distinctions between:

- Threat to commit the crime
- Aid/abetting/subsidizing or aiding in crime
- Complicity in crime
- Conspiracy/Crime Planning
- Incitement to commit the offence.

Such information can be stored either as metadata (e.g., "the number of homicide perpetrators also includes accomplices to the crime" or as disaggregating variables, depending on the needs of the system).



ICCS disaggregations



<i>Event disaggregations</i>	<i>Victim disaggregations</i>	<i>Perpetrator disaggregations</i>	<i>Data Descriptions / inclusions</i>
At – Attempted / Completed	SV – Sex of victim	SP – Sex of perpetrator	Th – Threats included
We – Type of weapon used	AV – Age of victim	AP – Age of perpetrator	AA – Aiding/abetting included
SiC – Situational context	STV – Age status victim	STP – Age status of perpetrator	Ac – Accessory/accomplice included
Geo – Geographic location	ViP – Victim-perpetrator relationship	ViP – Victim-perpetrator relationship	CP – Conspiracy/planning/preparation included
DaT – Date and time	Cit – Citizenship	Cit – Citizenship	In – Incitement to commit crime included
Lo – Type of location	LS – Legal status of victim	LS – Legal status of perpetrator	
Mot - Motive	Int – Intoxication status of victim	Int – Intoxication status of perpetrator	
Cy – Cybercrime related	ES – Economic sector of business victim	EAST – Economic activity status of perpetrator	
Rep – Reported by		Rec – Recidivist status of perpetrator	



ICCS disaggregations



EVENT DISAGGREGATIONS				
At – Attempted/ completed	SiC – Situational context	Geo – Geographical location of the crime	Rep – Reported by	DaT – Date and time
<ol style="list-style-type: none"> Attempted Completed Not applicable Not known 	<ol style="list-style-type: none"> Organized-crime related Gang-related Corporate crime-related Intimate partner/family-related Terrorism-related Civil unrest Other crime Not applicable Not known 	<ol style="list-style-type: none"> Required geographical division of country (1st, 2nd, etc. levels) Extraterritorial Not applicable Not known 	<ol style="list-style-type: none"> Victim Witness (non-victim) Police Other law enforcement Criminal justice institution Not known 	<p>Date format: dd/mm/yyyy</p> <p>Time format: 24:00</p>
We – Type of weapon used	Lo – Location of the crime	Mot – Motive	Cy – Cybercrime-related	
<ol style="list-style-type: none"> Firearm Knife or sharp object Other means Unknown means Not applicable Not known 	<ol style="list-style-type: none"> Private residential premises Open area, street or public transport Schools or other educational institutions Prisons, penal institutions or correctional institutions Institutional care settings Other commercial or public non-residential premises Other Not known 	<ol style="list-style-type: none"> Illicit gain Hate crime Gender-based Interpersonal conflict Political agenda Other motive Not applicable Not known 	<ol style="list-style-type: none"> Cybercrime-related Non-cybercrime-related Not applicable Not known 	



ICCS disaggregations



VICTIM DISAGGREGATIONS

SV – Sex of victim	STV – Age status victim	Cit – Citizenship	LS – Legal status of victim	
1. Male 2. Female 3. Not applicable 4. Not known	1. Minor 2. Adult 3. Not applicable 4. Not known	1. National citizen 2. Foreign citizen 3. Not applicable 4. Not known	1. Natural person 1a. Private individual 1b. Public official 2. Legal entity 2a. Private entity 2b. Public entity 3. Other entity 4. Not known	
AV – Age of victim	ViP – Victim-perpetrator relationship		Int – Victim was intoxicated with controlled drugs or other psychoactive substances	ES – Economic sector
1. 0-14 2. 15-29 3. 30-44 4. 45-59 5. 60+ 6. Not known	1. Current intimate partner/spouse 2. Former intimate partner/spouse 3. Blood relative 4. Other household member 5. Friend 6. Acquaintance 7. Colleague/ work relationship 8. Authority/care relationship (doctor, nurse, police, etc.) 9. Other offender known to victim 10. Offender unknown to victim 11. Relationship not known		1. Alcohol 2. Illicit drugs 3. Both 4. Other 5. Not applicable 6. Not known	Sectors A-U in ISIC Rev. 4



ICCS disaggregations



PERPETRATOR DISAGGREGATIONS				
SP – Sex of perpetrator 1. Male 2. Female 3. Not applicable 4. Not known	STP – Age status of perpetrator 1. Minor 2. Adult 3. Not applicable 4. Not known	Cit – Citizenship 1. National citizen 2. Foreign citizen 3. Not applicable 4. Not known	LS – Legal status of perpetrator 1. Natural person 1a. Private individual 1b. Public official 2. Legal entity 2a. Private entity 2b. Public entity 3. Other entity 4. Not known	Rec – Repeat offender/ recidivist 1. Recidivist 2. Non-recidivist 3. Not applicable 4. Not known
AP – Age of perpetrator 1. 0-14 2. 15-29 3. 30-44 4. 45-59 5. 60+ 6. Not known	ViP – Victim-perpetrator relationship 1. Current intimate partner/spouse 2. Former intimate partner/spouse 3. Blood relative 4. Other household member 5. Friend 6. Acquaintance 7. Colleague/work relationship 8. Authority/care relationship (doctor, nurse, police, etc.) 9. Other offender known to victim 10. Offender unknown to victim 11. Relationship not known		Int – Perpetrator was intoxicated with controlled drugs or other psychoactive substances 1. Alcohol 2. Illicit drugs 3. Both 4. Other 5. Not applicable 6. Not known	EAST – Economic activity status of perpetrator 1. Dependent employment 2. Self-employment (with no dependent employees) 3. Employer (with dependent employees) 4. Unemployed 5. Student/apprentice 6. Housekeeper 7. Retired/disabled 8. Not known



ICCS disaggregations



DATA DESCRIPTIONS/INCLUSIONS

Th – Threats included

AA – Aiding/abetting/accessory included

Ac – Accomplice included

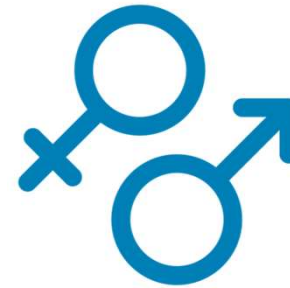
CP – Conspiracy/planning included

In – Incitement to commit crime included



Important disaggregations on victim/perpetrator

- Sex
- Age
- Relationship between victim and perpetrator
- Citizenship
- State of intoxication
- Recidivist status of the perpetrator



Important disaggregations on event



- **Type of weapon used (We)** the tag distinguishes crimes by the main categories of weapons used in the crime;
- **Situational context (SiC)** the tag provides important information about some types of criminal organizations involved in crime;
- **Motivation (Mot)** the tag highlights several particularly relevant forms of political motivation to commit crimes, particularly certain hate crimes in which the victim is targeted because of their characteristics, attributes, beliefs or values;
- **Cybercrime-related (Cy)** the tag serves to identify various forms of crimes committed with the use of a computer (e.g. Internet fraud, cyberbullying, etc.).



Disaggregating variables for which crimes?



Deciding which disaggregation variables should be collected for which types of crime is an important design decision to improve crime and criminal justice statistics.

Most disaggregating variables provide useful breakdowns only in relation to certain crimes.

- Example: sex and age of victim – for violent crimes but not for robbery of a financial institution
- Example: type of weapon – for violent crimes but not for DUI
- Example: cybercrime related – for financial fraud but not for trading in influence



ICCS disaggregation variables mapping



		At - Attempted/Completed	We - Type of weapon used	SIC - Situational context	Geo - Geographic location	DaT - Date and time	Lo - Type of location	Mot - Motive	Cy - Cybercrime related	Rep - Reported by	SV - Sex of victim	AV - Age of victim	STV - Age status victim (minor/adult)	VIP - Victim-perpetrator relationship	Cit - Citizenship of victims	LS - Legal status of victim (natural/legal person)	Int - Intoxication status of victim	ES - Economic sector of business victim	SP - Sex of perpetrator	AP - Age of perpetrator	STP - Age status of perpetrator (minor/adult)	VIP - Victim-perpetrator relationship	Cit - Citizenship of perpetrator	LS - Legal status of perpetrator (natural/legal person)	Int - Intoxication status of perpetrator	EAS - Economic activity status of perpetrator	Rec - Recidivist status of perpetrator	Th - Threats included	AA - Aiding/abetting/accessory included	AC - Accomplice included	CP - Conspiracy/planning/ preparation included	In - Incitement to commit crime included		
01	Acts leading to death or intending to cause death																																	
0101	Intentional homicide	x	x	x	x	x	x	x		x	x	x	x	x	x		x		x	x	x	x	x		x		x		x	x	x	x	x	
0102	Attempted intentional homicide		x	x	x	x	x	x		x	x	x	x	x	x		x		x	x	x	x	x		x		x		x	x	x	x	x	
0103	Non-intentional homicide		x	x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x								x	
01031	Non-negligent manslaughter		x	x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x								x	
01032	Negligent manslaughter		x	x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x								x	
010321	Vehicular homicide			x	x	x				x	x	x	x	x	x		x		x	x	x	x	x		x								x	
010322	Non-vehicular homicide		x	x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x								x	
0104	Assisting or instigating suicide			x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x				x	x	x	x	x	
01041	Assisting suicide			x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x				x	x	x	x	x	
01049	Other acts of assisting or instigating suicide			x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x				x	x	x	x	x	
0105	Euthanasia	x		x	x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x				x	x	x	x	x	
0106	Illegal feticide	x			x	x	x	x		x	x								x	x	x	x	x		x				x	x	x	x	x	
0107	Unlawful killing associated with armed conflict		x	x	x	x	x	x		x	x	x	x	x	x		x		x	x	x	x	x		x				x	x	x	x	x	
0109	Other acts leading to death or intending to cause death				x	x	x			x	x	x	x	x	x		x		x	x	x	x	x		x								x	



Example: How do we categorize this act?



- | | |
|----|---|
| 01 | Acts leading to death or intending to cause death |
| 02 | Acts leading to harm or intending to cause harm |
| 03 | Injurious acts of a sexual nature |
| 04 | Acts against property involving violence or threat against a person |
| 05 | Acts against property only |
| 06 | Acts involving controlled psychoactive substances or other drugs |
| 07 | Acts involving fraud, deception or corruption |
| 08 | Acts against public order, authority and provisions of the State |
| 09 | Acts against public safety and state security |
| 10 | Acts against the natural environment |
| 11 | Other criminal acts not elsewhere classified |

Example: How to disaggregate this act?



Robbery from the person in a public location
(040111)

Victim

- Female
- Adult
- Private individual
- Offender unknown to victim

Perpetrator

- Male
- Adult
- Private individual
- Offender unknown to victim

Event

- At – Completed
- We – Firearm
- Lo – Open area, street or public transport
- Mo – Illicit gain

Data descriptions

Threats included
Accomplice included

Characteristics of criminal proceedings

- What other DVs do you think should be included?
- For example, is a DV required to distinguish intentionality (fault or intent)?
- Perhaps a DV on ethnicity would be beneficial?



Thank you



Claudia Pontoglio / Associate Research Officer
claudia.pontoglio@un.org

Martijn Kind / Statistician
martijn.kind@un.org











