



Statistics Finland 

Mapping Finnish crime code to ICCS ICCS TAG meeting Vienna 12-13.5.2016

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Crime Classification in Finland

- Six digit code with no additional information. Code tells only chapter and section of the crime in Penal Code (210601 Serious assault 21:6§1)
- Some offences also include “statistical specifiers”
 - There is no burglary in Finnish criminal code: Theft is marked with “through unlawful breaking into other residence”
- About 1050 different offences of which 630 in Penal Code, others are mainly minor infractions
- Also exceeding speed limits are investigated by the police
- Total 819,000 offences reported in 2015 of which 474,000 against the Penal Code

Mapping codes to ICCS

- ICCS codes were put to Excel and then started to search Finnish codes to match them.
- Tried to form the Excel file so that it is possible to read it to SAS-system and then merge ICCS codes to raw data
 - → producing time series or even city level data quite easily and automatically

020100	Assaults and threats				
020110	Assault				
		21:6§1/1-			
020111	Serious assault	3	210601	Törkeä pahoinpitely	Aggravated assault
020111	Serious assault	21:6§2	210602	Törkeän pahoinpitelyn yritys	Attempted aggravated assault
020112	Minor assault	21:5§2	210502	Pahoinpitelyn yritys	Attempted assault
020112	Minor assault	21:7§	210701	Lievä pahoinpitely	Petty assault
020112	Minor assault	21:5§1	210501	Pahoinpitely	Assault
020120	Threat	25:7§	250701	Laiton uhkaus	Menace
020121	Serious threat	-	N.A	-	
020122	Minor threat	-	N.A	-	
		16:1§1/1-			
020190	Other assaults or threats	3	160101	Virkamiehen väkivaltainen vastustaminen	Violent resistance to a public official
020190	Other assaults or threats	21:12§	211201	Tappeluun osallistuminen	Brawling

Mapping the ICCS 2

— An example about the Statistical specifiers

ICCS Code	Law	code	crime	crime_en	specifier
0501	Burglary				
05011	Burglary of business premises	28:1§1	280101	Varkaus	Theft 0102
05011	Burglary of business premises	28:1§2	280102	Varkauden yritys	Attempted theft Aggravated 0102
05011	Burglary of business premises	28:2§1/1-5	280201	Törkeä varkaus	theft 0102
05011	Burglary of business premises	28:2§2	280202	Törkeän varkauden yritys	attempted aggravated theft 0102
05011	Burglary of business premises	28:3§1	280301	Näpistys	Petty theft 0102

Mapping the ICCS 3

- All code (1050 of them) with “statistical specifiers” mapped to ICCS code. Those outside criminal code where most difficult
- Now we have an Excel file and SAS code, when there is a change in national code we add it to Excel and run program.

02 Acts leading to harm or intending to cause harm to the person

level2	level3	level4	CRIME	Sum	note
0200			Acts leading to harm or intending to cause harm to the person	76017	
0201			Assaults and threats	42849	
	02011		Assault	33874	
		020111	Serious assault	1563	completed + attempted
		020112	Minor assault	32311	Minor assault includes minor assault and assault (ordinary assault). In Finland minor assault requires an injury. completed + attempted
	02012		Threat	8449	
		020121	Serious threat	n/a	
		020122	Minor threat	n/a	
	02019		Other assaults or threats	526	

National consultation

- Some consultation with researcher from Institute of Criminology and Legal Policy and HEUNI and the Police
- More consultation is still needed to check all the codes and their ICCS counterparts

Challenges

- National crime statistics and coding is based on criminal law:
 - One code can include crimes from more than one ICCS category
 - Criminal mischief (Tuhotyö 340101)

(1) A person who

- (1) starts a fire,
- (2) explodes something, or
- (3) causes a flood or another natural disaster,

so that the act is conducive to causing general **danger to life or health or general danger or very severe economic loss**, shall be sentenced for *criminal mischief* to imprisonment for at least four months and at most four years.

(2) Also a person who damages or destroys property or unlawfully interferes in the operation of production, supply or communications channels, so that serious danger is caused to power supply, public health care, defence, administration of the law or another corresponding important societal function shall be sentenced for criminal mischief.

(3) An attempt is punishable.

Now mapped to ICCS 02071 Acts that endanger health

Next steps

- Mapping prosecution data to ICCS can be done with some limitations: there are no “statistical specifiers” in prosecution data so for example burglary is not available
- Other statistics are not produced by Statistics Finland so of those we have to negotiate. Prison data might be next after prosecution data.
- Is it possible that police system records codes when the crime is reported? That would be ideal situation, but not very realistic