

City Statistics

Metadata Report: Data collection for 2022

Finland

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1 Principles of Statistics Finland

In its activity, Statistics Finland complies with the international principles of statistics. The principles of official statistics approved by the United Nations Statistics Division define the rights and duties of producers of official statistics in society and the most important principles when compiling and publishing statistics, such as reliability and statistical data protection.

The producers of Official Statistics of Finland have approved a common quality assurance in which they commit to common quality criteria and quality assurance measures. The quality criteria of Official Statistics of Finland are compatible with the European Statistics Code of Practice (CoP). The principles are also compatible with those of the European Foundation for Quality Management (EFQM).

2 Data sources in the Collection

The collection of data is divided between Statistics Finland and the cities participating in the collection of City statistics.

Whenever possible, register based official statistics produced by Statistics Finland are used as sources in the data collection. If no such statistics are available, the variables are estimated, or sample based. A few variables are collected from other outside sources.

The data provided and collected by the cities are more heterogeneous and the sources used partly varies from city to city.

3 Data Collection for the year 2022

Data is collected for all domains in the collection according to definitions in the [City Statistics Manual](#). Possible deviations in the definitions of the variables are reported in the description of each domain or variable.

3.1 Spatial units

The spatial units in the data collection are defined according to the [City Statistics Manual](#). In Finland data is collected for nine cities and seven Functional Urban Areas.

Cities (C)

Area Code	Area/LAU1 name
FI001C	Helsinki/Helsingfors
FI002C	Tampere/Tammerfors
FI003C	Turku/Åbo
FI004C	Oulu/Uleåborg
FI005C	Espoo/Esbo
FI006C	Vantaa/Vanda
FI007C	Lahti/Lahtis
FI008C	Kuopio
FI009C	Jyväskylä

Functional Urban Areas (F)

The Functional Urban Areas consists of the following cities and municipalities:

FI001F Helsinki/Helsingfors

LAU1 code	LAU1 name
FI049	Espoo
FI091	Helsinki
FI149	Inkoo
FI186	Järvenpää
FI235	Kauniainen
FI245	Kerava
FI257	Kirkkonummi
FI505	Mäntsälä
FI543	Nurmijärvi
FI611	Pornainen
FI638	Porvoo
FI753	Sipoo
FI755	Siuntio
FI858	Tuusula
FI092	Vantaa
FI927	Vihti

FI002F Tampere/Tammerfors

LAU1 code	LAU1 name
FI020	Akaa
FI108	Hämeenkyrö
FI211	Kangasala
FI418	Lempäälä
FI536	Nokia
FI562	Orivesi
FI604	Pirkkala
FI635	Pälkäne
FI837	Tampere
FI908	Valkeakoski
FI922	Vesilahti
FI980	Ylöjärvi

FI003F Turku/Åbo

LAU1 code	LAU1 name
FI019	Aura
FI202	Kaarina
FI423	Lieto
FI480	Marttila
FI481	Masku
FI503	Mynämäki
FI529	Naantali
FI538	Nousiainen
FI577	Paimio
FI445	Parainen
FI636	Pöytyä
FI680	Raisio
FI704	Rusko
FI738	Sauvo
FI853	Turku

FI004F Oulu/Uleåborg

LAU1 code	LAU1 name
FI072	Hailuoto
FI139	Ii
FI244	Kempele
FI425	Liminka
FI436	Lumijoki
FI494	Muhos
FI564	Oulu
FI859	Tyrnävä

FI007F Lahti/Lahtis

LAU1 code	LAU1 name
FI016	Asikkala
FI111	Heinola
FI098	Hollola
FI316	Kärkölä
FI398	Lahti
FI560	Orimattila

FI008F Kuopio

LAU1 code	LAU1 name
FI204	Kaavi
FI297	Kuopio
FI420	Leppävirta
FI749	Siilinjärvi
FI778	Suonenjoki
FI844	Tervo
FI857	Tuusniemi

FI009F Jyväskylä

LAU1 code	LAU1 name
FI077	Hankasalmi
FI179	Jyväskylä
FI410	Laukaa
FI435	Luhanka
FI500	Muurame
FI592	Petäjävesi
FI850	Toivakka
FI892	Urainen

3.2 Demographic statistics

3.2.1 Population, nationality and place of residence

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
DE1001V	Population on the 1st of January, total	Full	C, F	
DE1002V	Population on the 1st of January, male	Full	C, F	
DE1003V	Population on the 1st of January, female	Full	C, F	
DE1040V	Population on the 1st of January, 0-4 years, total	Full	C, F	
DE1041V	Population on the 1st of January, 0-4 years, male	Full	C, F	
DE1042V	Population on the 1st of January, 0-4 years, female	Full	C, F	
DE1074V	Population on the 1st of January, 5-9 years, total	Full	C, F	
DE1075V	Population on the 1st of January, 5-9 years, male	Full	C, F	
DE1076V	Population on the 1st of January, 5-9 years, female	Full	C, F	
DE1077V	Population on the 1st of January, 10-14 years, total	Full	C, F	
DE1078V	Population on the 1st of January, 10-14 years, male	Full	C, F	
DE1079V	Population on the 1st of January, 10-14 years, female	Full	C, F	
DE1046V	Population on the 1st of January, 15-19 years, total	Full	C, F	
DE1047V	Population on the 1st of January, 15-19 years, male	Full	C, F	
DE1048V	Population on the 1st of January, 15-19 years, female	Full	C, F	
DE1049V	Population on the 1st of January, 20-24 years, total	Full	C, F	
DE1050V	Population on the 1st of January, 20-24 years, male	Full	C, F	
DE1051V	Population on the 1st of January, 20-24 years, female	Full	C, F	
DE1101V	Population on the 1st of January, 25-29 years, total	Full	C, F	
DE1102V	Population on the 1st of January, 25-29 years, male	Full	C, F	
DE1103V	Population on the 1st of January, 25-29 years, female	Full	C, F	
DE1104V	Population on the 1st of January, 30-34 years, total	Full	C, F	
DE1105V	Population on the 1st of January, 30-34 years, male	Full	C, F	
DE1106V	Population on the 1st of January, 30-34 years, female	Full	C, F	
DE1107V	Population on the 1st of January, 35-39 years, total	Full	C, F	
DE1108V	Population on the 1st of January, 35-39 years, male	Full	C, F	
DE1109V	Population on the 1st of January, 35-39 years, female	Full	C, F	
DE1110V	Population on the 1st of January, 40-44 years, total	Full	C, F	
DE1111V	Population on the 1st of January, 40-44 years, male	Full	C, F	
DE1112V	Population on the 1st of January, 40-44 years, female	Full	C, F	
DE1113V	Population on the 1st of January, 45-49 years, total	Full	C, F	
DE1114V	Population on the 1st of January, 45-49 years, male	Full	C, F	
DE1115V	Population on the 1st of January, 45-49 years, female	Full	C, F	
DE1116V	Population on the 1st of January, 50-54 years, total	Full	C, F	
DE1117V	Population on the 1st of January, 50-54 years, male	Full	C, F	
DE1118V	Population on the 1st of January, 50-54 years, female	Full	C, F	
DE1119V	Population on the 1st of January, 55-59 years, total	Full	C, F	
DE1120V	Population on the 1st of January, 55-59 years, male	Full	C, F	
DE1121V	Population on the 1st of January, 55-59 years, female	Full	C, F	
DE1122V	Population on the 1st of January, 60-64 years, total	Full	C, F	
DE1123V	Population on the 1st of January, 60-64 years, male	Full	C, F	
DE1124V	Population on the 1st of January, 60-64 years, female	Full	C, F	
DE1125V	Population on the 1st of January, 65-69 years, total	Full	C, F	
DE1126V	Population on the 1st of January, 65-69 years, male	Full	C, F	
DE1127V	Population on the 1st of January, 65-69 years, female	Full	C, F	
DE1128V	Population on the 1st of January, 70-74 years, total	Full	C, F	
DE1129V	Population on the 1st of January, 70-74 years, male	Full	C, F	
DE1130V	Population on the 1st of January, 70-74 years, female	Full	C, F	
DE1131V	Population on the 1st of January, 75-79 years, total	Full	C, F	
DE1132V	Population on the 1st of January, 75-79 years, male	Full	C, F	
DE1133V	Population on the 1st of January, 75-79 years, female	Full	C, F	
DE1134V	Population on the 1st of January, 80-84 years, total	Full	C, F	
DE1135V	Population on the 1st of January, 80-84 years, male	Full	C, F	
DE1136V	Population on the 1st of January, 80-84 years, female	Full	C, F	
DE1137V	Population on the 1st of January, 85 years or over, total	Full	C, F	
DE1138V	Population on the 1st of January, 85 years or over, male	Full	C, F	
DE1139V	Population on the 1st of January, 85 years or over, female	Full	C, F	
DE1073V	Median population age	Full	C, F	

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
DE2001V	Nationals	Full	C, F	
DE2002V	EU foreigners	Full	C, F	
DE2003V	Non-EU foreigners	Full	C, F	
DE2008V	Native-born	Full	C, F	
DE2009V	Foreign-born	Full	C, F	
DE2010V	Foreign-born in a EU country	Full	C, F	
DE2011V	Foreign-born in a non-EU country	Full	C, F	
DE2012V	Foreigners	Full	C, F	

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
DE4001V	Population with the place of residence in the same dwelling, in the year before	Full	C, F	
DE4002V	Population with the place of residence in another dwelling in the same city/FUA, in the year before	Full	C, F	
DE4003V	Population with the place of residence in another dwelling outside the current city/FUA in the same country, in the year before	Full	C, F	
DE4004V	Population with the place of residence in another EU country, in the year before	Full	C, F	
DE4005V	Population with the place of residence outside the EU, in the year before	Full	C, F	

Description of dataset: The statistics on the [population structure](#) describe the population permanently resident in Finland on the last day of the year. The permanent population consists of persons who have a personal identity code and a permanent municipality of residence in Finland.

Source of data: Finnish population statistics are based on the Population Information System maintained by the Digital and Population Data Services Agency (previously by the Population Register Centre and local register offices).

Reference time: December 31st of the previous year.

3.2.2 Household structure

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
DE3001V	Private households (excluding institutional households)	Full	C, F	
DE3017V	Population living in private households (excluding institutional households)	Full	C, F	
DE3002V	One person households	Full	C, F	
DE3005V	Lone parent private households (with children aged 0 to under 18)	Full	C, F	
DE3008V	Lone pensioner (above retirement age) households	Full	C, F	
DE3011V	Households with children aged 0 to under 18	Full	C, F	

Description of dataset: The statistics on [dwellings and housing conditions](#) are produced annually and describe the existing stock, number of dwellings and housing conditions of household-dwelling units on the last day of the year. The statistical population of household-dwelling units is made up of persons residing in normal dwellings. Persons who according to the Digital and Population Data Services Agency's Population Information System are institutionalised, or are homeless, or are abroad, or are registered as unknown, are not included in what is referred to as the dwelling population. Nor do persons living in buildings classified as residential homes or as residential dwellings for special groups form household-dwelling units if their living quarters do not meet the definition of a dwelling unit.

Source of data: The statistics on dwellings and housing conditions are compiled primarily with the help of the data in the Digital and Population Data Services Agency's Population Information System and the various register data of the Tax Administration.

Reference time: December 31st of the previous year.

3.3 Social statistics

3.3.1 Housing

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
SA1001V	Number of conventional dwellings	Full	C, F	
SA1025V	Empty conventional dwellings	Full	C, F	
SA1049V	Average annual rent for housing per m2 - EUR	Partial	C, F	
SA1050V	Average price for buying a house	Partial	C, F	
SA1051V	Average price for buying an apartment	Partial	C, F	
SA1052V	Average price for buying a house per m2 - EUR	Partial	C, F	
SA1053V	Average price for buying an apartment per m2 - EUR	Partial	C, F	

Variables SA1001V and SA1025V

Description of dataset: The statistics on [dwellings and housing conditions](#) are produced annually and describe the existing stock, number of dwellings and housing conditions of household-dwelling units on the last day of the year.

The dwelling stock comprises permanently occupied and temporarily occupied or unoccupied dwellings. The dwelling stock describes dwellings in active use. The dwelling stock does not include detached and semi-detached houses which have been unoccupied for a long time or have a substandard level of equipment. Nor does it include other abandoned houses.

A dwelling refers to a room or a suite of rooms which is intended for year-round habitation; is furnished with a kitchen, kitchenette or cooking area; and has a floor area of at least 7 square metres. Every dwelling must have its own entrance. A single-family house may be entered through an enclosed porch or veranda. If a dwelling is entered through the premises of another dwelling, it is not regarded as a separate dwelling but instead those two constitute one dwelling.

Source of data: The statistical data on dwelling and household-dwelling units are mainly compiled from the data of the Population Information System the Digital and Population Data Services Agency and the Tax Administration's registers.

Reference time: December 31st of the previous year.

Variable SA1049V

Description of dataset: The statistics on [rents of dwellings](#) describe the level of rents in the rental dwelling stock and quarterly changes in rents. The framework for the rental dwelling stock used in the calculation of the statistics on rents is formed from the Digital and Population Data Services Agency's Building and Dwelling Register. All dwellings in blocks of flats and terraced houses in permanent use that are not institutional dwellings (halls of residence, services flats and old people's homes) and that tenants occupy on the basis of a rental agreement are selected from the register.

In Finland rent usually includes refuse collection, co-proprietor charges for caretaking, stairwell cleaning, heating etc. and therefore the extent of harmonisation is only partial.

Source of data: The data of the quarterly statistics on rents are based on the Social Insurance Institution's register of housing allowances and on the data on rental dwellings of rental housing companies. In addition, Statistics Finland's data on the dwelling stock, derived from the Digital and Population Data Services Agency's Register of Buildings and Dwellings, is also utilised in the compilation of the quarterly statistics.

Reference time: An average of all transactions of the year in question.

Variables SA1050V and SA1052V

Description of dataset: The statistics on [real estate prices](#) describe the levels of the prices and changes in the prices of single-family houses and single-family house plots quarterly and annually.

Only data for old houses is available and therefore the data is only partly harmonised. Note that for the years 2011-2012 the price is calculated only for detached houses. From 2015 onward terraced houses are included in the house prices.

Source of data: The statistics on real estate prices are based on the transaction prices in the National Land Survey's purchase price register. In addition, background information is searched for the transaction price data from the Digital and Population Data Services Agency's Building and Dwelling Register.

Reference time: An average of all transactions of the year in question.

Variables SA1051V and SA1053V

Description of dataset: Statistics on [prices of dwellings in housing companies](#) describe price development of dwellings in housing companies and activity of housing transactions.

Only data for old apartments is available and therefore the data is only partly harmonised. Note that for the years 2011-2012 the price is calculated for apartments in apartment building and terraced houses. From 2015 onwards terraced houses are excluded from the prices of apartments.

Source of data: The data of the price statistics are based on the Tax Administration's data on dwellings and asset transfer tax statements. Additionally, the Tax Administration's Register of Real Estate Property and Statistics Finland's data on the dwelling stock that are based on the Digital and Population Data Services Agency's Register of Buildings and Dwellings are also used for the statistics.

Reference time: An average of all transactions of the year in question.

3.3.2 Health

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
SA2004V	Infant Mortality per year	Full	C, F	
SA2007V	Number of live births per year	Full	C, F	
SA2010V	Number of adolescent births (from mothers aged 19 or less)	Full	C, F	
SA2013V	Number of deaths per year under 65 due to diseases of the circulatory or respiratory systems	Full	C, F	
SA2016V	Total deaths under 65 per year	Full	C, F	
SA2017V	Total deaths under 65 per year, male	Full	C, F	
SA2018V	Total deaths under 65 per year, female	Full	C, F	
SA2019V	Total deaths per year	Full	C, F	
SA2020V	Total deaths per year, male	Full	C, F	
SA2021V	Total deaths per year, female	Full	C, F	

Variables SA2004V, SA2016V, SA2017V, SA2018V, SA2019V, SA2020V and SA2021V

Description of dataset: Statistics on [deaths](#) describe data on all persons who according to the Population Information System lived permanently in Finland on the day of their death.

Source of data: The statistics on deaths are based on data obtained weekly from the Population Information System. The Digital and Population Data Services Agency and the State Department of Åland maintain the Population Information System by storing the data they receive on changes in the population living in the country there.

Description of dataset: The year in question.

Variables SA2007V and SA2010V

Description of dataset: Statistics on [births](#) describe numbers of births and birth rate according to various background variables. The statistics contain data on liveborn and stillborn children, whose mother is permanently resident in Finland at the time of birth.

Source of data: The statistics on births are based on data obtained weekly from the Population Information System. The Digital and Population Data Services Agency and the State Department of Åland maintain the Population Information System by saving the data they receive on changes in the population living in the country in it.

Reference time: The year in question.

Variable SA2013V

Description of dataset: The statistics on [causes of death](#) describe the causes of death of individuals residing permanently in Finland.

Source of data: The source data of the statistics on causes of death consist of death certificates and the data of the Population Information System. Statistics Finland's data on stillbirths are supplemented with the data of the birth register maintained by the Finnish Institute for Health and Welfare (THL).

Reference time: The year in question.

3.3.3 Crime

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
SA3005V	Number of murders and violent deaths	Full	C, F	

Description of dataset: The statistics on [offences and coercive measures](#) focus on describing the regional distributions of crime and the use of coercive measures by the police, customs and border guard. The statistics include data on the quality and number of offences reported.

Source of data: The source register for the statistics is the police information system PATJA.

Reference time: The year in question.

3.4 Economic aspects

3.4.1 Labour market

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
EC1001V	Economically active population, total	Partial	C, F	
EC1002V	Economically active population, male	Partial	C, F	
EC1003V	Economically active population, female	Partial	C, F	
EC1010V	Persons unemployed, total	Partial	C, F	
EC1011V	Persons unemployed, male	Partial	C, F	
EC1012V	Persons unemployed, female	Partial	C, F	
EC1174V	Economically active population, 20-64, total	Partial	C, F	
EC1175V	Economically active population, 20-64, male	Partial	C, F	
EC1176V	Economically active population, 20-64, female	Partial	C, F	
EC1177V	Persons employed, 20-64, total	Full	C, F	
EC1178V	Persons employed, 20-64, male	Full	C, F	
EC1179V	Persons employed, 20-64, female	Full	C, F	

Description of dataset: [Employment](#) statistics are annual statistics providing data by region on the population's economic activity and employment. The population for the statistics is the permanently resident population in the country on the last day of the year.

The unemployed labour force includes all persons aged 16 to 64 who were unemployed on the last weekday of the year. A person who has not registered with the job seeker register, will most likely be included in the economically inactive population in Finland. Hence the extent of harmonisation is only partial for data on the economically active population and unemployed persons.

Source of data: In total, data from over 30 different registers or data sets are used in the production of employment statistics. In addition to registers, some questionnaire inquiries are made.

Reference time: The last week of the year in question.

3.4.2 Employment by economic activity

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
EC2008V	Employment in agriculture, fishery (NACE Rev. 2: A)	Partial	C, F	
EC2009V	Employment in mining, manufacturing, energy (NACE Rev. 2: B to E)	Partial	C, F	
EC2020V	Total employment (work place based)	Partial	C, F	
EC2022V	Employment in construction (NACE Rev. 2: F)	Partial	C, F	
EC2032V	Employment in trade, transport, hotels, restaurants (NACE Rev. 2: G to I)	Partial	C, F	
EC2033V	Employment in information and communication (NACE Rev. 2: J)	Partial	C, F	
EC2034V	Employment in financial and insurance activities (NACE Rev. 2: K)	Partial	C, F	
EC2035V	Employment in real estate activities (NACE Rev. 2: L)	Partial	C, F	
EC2036V	Employment in professional, scientific and technical activities; administrative and support service activities (NACE Rev. 2: M and N)	Partial	C, F	
EC2037V	Employment in public administration, defence, education, human health and social work activities (NACE Rev. 2: O to Q)	Partial	C, F	
EC2038V	Employment in arts, entertainment and recreation; other service activities; activities of households (NACE Rev. 2: R to T)	Partial	C, F	

Description of dataset: The data on economic activity is based on [employment](#) statistics, which are annual statistics providing data by region on the population's economic activity and employment. The population for the statistics is the permanently resident population in the country on the last day of the year.

The industry is defined for the main and secondary jobs of employed persons according to the employer's establishment or the industry of one's own enterprise. The data on industry is compiled according to the area where the persons who go to work irrespective of their place of residence.

In addition, the data on economic activity does not contain second, third, etc. jobs of the same persons, but each person is only counted once in these statistics. Therefore, the harmonisation with ESS methodology is only partial.

Source of data: The data are mainly derived from administrative registers and statistical data files.

Reference time: December 31st of the previous year.

3.5 Education and training

3.5.1 Participation in education and training

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
TE1001V	Number of children 0-4 in day care or school	Partial	C, F	
TE1026V	Students in higher education (ISCED level 5-8), total	Full	C, F	
TE1027V	Students in higher education (ISCED level 5-8), male	Full	C, F	
TE1028V	Students in higher education (ISCED level 5-8), female	Full	C, F	

Variable TE1001V

Description of dataset: Statistics on [early childhood education and care](#) includes data on children participating in early childhood education and care and on operators and place of activities of early childhood education and care. Early childhood education and care refers to a systematic and goal-oriented activity consisting of upbringing, education and care for children, with special emphasis on pedagogy. Early childhood education and care is based on the Act on Early Childhood Education and Care (540/2018) and the national core curriculum for early childhood education and care. In these statistics, children participating in early childhood education and care mean the children who took part in early childhood education and care in the statistical reference year, and in whose case the decision on the provision of early childhood education and care and the early childhood education and care relationship were in effect on the last day of the year (cross-sectional data on the situation on 31 December). Each child is only included in the total number of children once. The statistics comprise children in early education centres and family day care premises.

Early childhood education and care 2021 was the first publication on participation in early childhood education and care. Previously the data was collected from the cities.

The data is presented as cross-sectional data on the situation on 31 December. Therefore, the harmonisation with ESS methodology is only partial.

Source of data: The student data are based on data collected by Statistics Finland from the organisers of education and obtained from the KOSKI and VIRTATA data resources.

Reference time: December 31st.

Variables TE1026V, TE1027V and TE1028V

Description of dataset: Statistics on [students and qualifications](#) contain data on pupils in pre-primary and comprehensive education and students and qualifications in post-comprehensive education leading to a qualification or degree. Students means students in education leading to a degree or qualification on 20 September of the statistical year. Students in basic education on 20 September are also considered students in education leading to a qualification or degree.

Source of data: Statistics Finland collects individual-based student and qualification data on education leading to a qualification or degree through the organisers of the education. The data are collected electronically via the Internet.

Reference time: Data for 2022: school/academic year 2021/2022.

3.5.2 Educational attainment level

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
TE2025V	Persons (aged 25-64) with ISCED level 0, 1 or 2 as the highest level of education	Partial	C, F	
TE2028V	Persons (aged 25-64) with ISCED level 3 or 4 as the highest level of education	Full	C, F	
TE2031V	Persons (aged 25-64) with ISCED level 5 or 6 as the highest level of education	Full	C, F	

Description of dataset: Statistics on the [educational structure of the population](#) describe qualifications attained by the population aged 15 or over after comprehensive school, lower secondary school or elementary school. Completers of qualifications and degrees are classified by level of education according to the latest/highest vocational qualification.

Source of data: The data are based on Statistics Finland's Register of Completed Education and Degrees. The register contains individual-based qualification data, which Statistics Finland collects annually from the organisers of education, educational institutions, the Matriculation Examination Board, the national data reserve of institutions of higher education, Defence Command Finland and the Finnish Border Guard. Data on qualifications completed abroad are obtained from the Finnish National Board of Education, Valvira (the National Supervisory

Authority for Welfare and Health), and the Ministry of Economic Affairs and Employment. In terms of qualifications completed abroad, the Register of Completed Education and Degrees has been supplemented with data collection targeted at foreign population, which added 26,000 post-primary education qualifications to the register. The Register of Completed Education and Degrees has also been supplemented with an exchange of information carried out between the Nordic statistical agencies. The Nordic exchange of information yielded 13,000 qualifications to the register.

Reference time: December 31st of the previous year.

3.6 Environmental statistics

3.6.1 Waste management

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
EN4008V	Municipal waste generated (domestic and commercial), total	Full	C, F	

Description of dataset: [Waste](#) statistics describe changes in the amounts of waste, treatment modes of waste and shares of hazardous waste. Waste generated describes the amount of waste generated within the country's borders during one year in tonnes.

The municipal waste counts are estimated from national totals using municipal population as weight. Therefore, the harmonisation to ESS methodology is only partial. Due to revised reporting requirements of the EU waste directive there is a break in the timeseries 2022.

Source of data: The statistics are largely based on the YLVA register data of the Finnish environmental administration, which covers the largest waste treatment operators and all facilities and operators subject to environmental permit at the level of regional administration.

Reference time: The year in questions.

3.7 Transport and travel patterns

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
TT1057V	Number of private cars registered	Full	C, F	
TT1060V	Number of deaths in road accidents	Full	C, F	
TT1079V	Length of bicycle network (dedicated cycle paths and lanes)	Full	C, F	
TT1080V	Cost of a combined monthly ticket (all modes of public transport) for 5-10 km in the central zone	Partial	C	
TT1081V	Cost of a taxi ride of 5 km to the centre at day time	Partial	C	

Variable TT1057V

Description of dataset: The statistics on the [motor vehicle stock](#) compile data on vehicles in road traffic subject to registration in Mainland Finland (annual data also include Åland). Vehicles in the separate register of the defence forces are not included in Statistics Finland's statistics on motor vehicles.

Source of data: The Finnish Transport and Communications Agency (Traficom) releases the data on vehicles in the transport register quarterly to Statistics Finland. Åland's vehicle register is maintained by Ålands Fordonsmyndighet, from which Statistics Finland receives annual summary data on vehicles in the register.

Reference time: December 31st of the previous year.

Variable TT1060V

Description of dataset: The statistics on [road traffic accidents](#) contain data on road traffic accidents involving personal injury and on parties involved in them.

Source of data: Road traffic accidents involving personal injury is entered into the information system of police and reported by police to Statistics Finland. The data from police are supplemented with data from the Finnish Transport Infrastructure Agency, Finnish Transport and Communications Agency Traficom and from Statistics Finland's statistics on causes of death.

Reference time: The year in question including deaths within 30 days from the accident.

Variable TT1079V

Description of dataset: The Digiroad Database contains the geometry of the Finnish road and street network featured with the most important road attribute data. The functional class 8 ('Pedestrian and cycle path') contains walking and cycling paths that are mainly used by pedestrians and bicycles and, in some cases, mopeds.

Source of data: [Digiroad - National Road and Street Database](#), Finnish Transport Infrastructure Agency, publication 12/2022. The Digiroad Database provides a comprehensive and up-to-date description of the Finnish road and street network online. The data enables and supports the development and commercialization of services and applications for e.g. route planning, navigation, tourism, and intelligent transportation systems (ITS) purposes. The material is licensed under the [Creative Commons 4.0 BY](#) license.

Digiroad is a new data source, previously the data was collected from the cities (- 2020).

Reference time: Publication 12/2022.

Variable TT1080V

Description of dataset: The statistics for cities are collected from the cities.

As the sources varies, the harmonisation to ESS methodology is assessed as only partial.

Source of data: The source of the data are the public transport authorities or joint municipal traffic authorities such as Helsinki Regional Transport Authority (HSL), Oulu Public Transport Authority (PTA) and Turku Region Public Transport Föli.

Reference time: The year in question.

Variable TT1081V

Description of dataset: The statistics for cities are collected from the cities.

A taxi reform was implemented in 2018. The reform was a part of Transport Services Act which brought together the legal provisions on transport markets, with the aim to offer better transport services to users and have more freedom of choice on the market. The reform makes it difficult to compare taxi transport prices.

Due to the taxi reform and different sources, the harmonisation to ESS methodology is assessed as only partial.

Source of data: The source of the data are the local taxi companies and the Finnish Taxi Association.

Reference time: The year in question.

3.8 Culture and recreation

Code	Label	Extent of harmonisation with ESS methodology	Availability C = City, F = FUA	Footnote
CR1003V	Number of cinema seats (total capacity)	Full	C, F	
CR1005V	Cinema attendance (per year)	Full	C, F	
CR1007V	Number of museum visitors (per year)	Full	C, F	
CR1008V	Number of theatres	Full	C, F	
CR1010V	Number of public libraries (all distribution points)	Full	C, F	
CR1015V	Number of public swimming pools (indoor and outdoor, excluding beaches)	Partial	C, F	

Variables CR1003V and CR1005V

Description of dataset: The statistics for cities and FUAs are collected from the cities.

Source of data: The sources of the data are [the Finnish Film Foundation](#) and local cinemas.

Reference time: The year in question.

Variable CR1007V

Description of dataset: The statistics for cities and FUAs are collected from the cities.

Source of data: The [Finnish Heritage Agency](#) and the cities' own departments of cultural services.

Reference time: The year in question.

Variable CR1008V

Description of dataset: The statistics for cities and FUAs are collected from the cities.

Source of data: The sources of the data are [Theatre Info Finland](#) (TINFO) or the cities' own departments of cultural services.

Reference time: The year in question.

Variable CR1010V

Description of dataset: All the public libraries in Finland (except in the Åland Islands) and the Regional State Administrative Agencies take part in the production of the statistical information.

Source of data: The source of the data is the [Finnish Public Libraries Statistics Database](#). The maintenance of the database is the responsibility of the Ministry of Education and Culture.

Reference time: The year in question.

Variable CR1015V

Description of dataset: The statistics for cities and FUAs are collected from the cities.

The extent of harmonisation only partial for some cities as the data includes only public swimming pools, not pools in leisure centres etc.

Source of data: [LIPAS](#) is the national database of sports facilities and their conditions in Finland.

Reference time: The year in question.