

Population register and quality work in Norway

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Population register (CR) in Norway

1735: National coverage of parriage records for baptisms, marriages and burials

1769/1801: First population census

1948: First population register law (Local population registers only)

1964: ID number introduced and Population Register (CPR) established by Statistics Norway, based on the 1960 Population Census

1991: CPR transferred to the Directorate of Taxes.

2011: First register based census

Most important status variables

- Personal Identification Number, PIN
- Residence status (resident, deceased, emigrated, etc)
- Address
- Municipality
- Dwelling number
- Place of birth (municipality or country)
- Name (incl. first and middle names)
- Surname prior to marriage
- Citizenship
- Country of immigration
- Country of emigration
- Marital status
- PIN of spouse, mother and father
 - Links between siblings, cousins, children and grandparents, etc

Most important flow variables registered by the CPR

- Births
- Deaths
- Marital changes (marriages incl. same-sex marriages, separations, divorces, annulments...)
- Emigrations and immigrations
- Internal moves
- Address changes
- Name changes
- Citizenship changes
- Gender changes
- PIN changes

Modernizing the population register

- New law adopted end 2015
- Project runs from 2016 – 2020
- Key goals
 - More electronic and automated processes (first step: D-number)
 - Make it easier to verify identity and reveal real duplicates

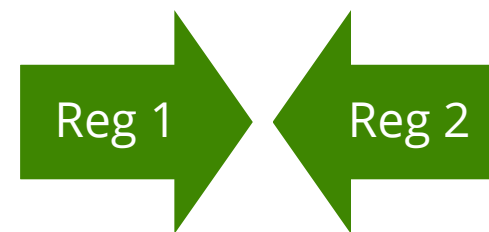
User forum



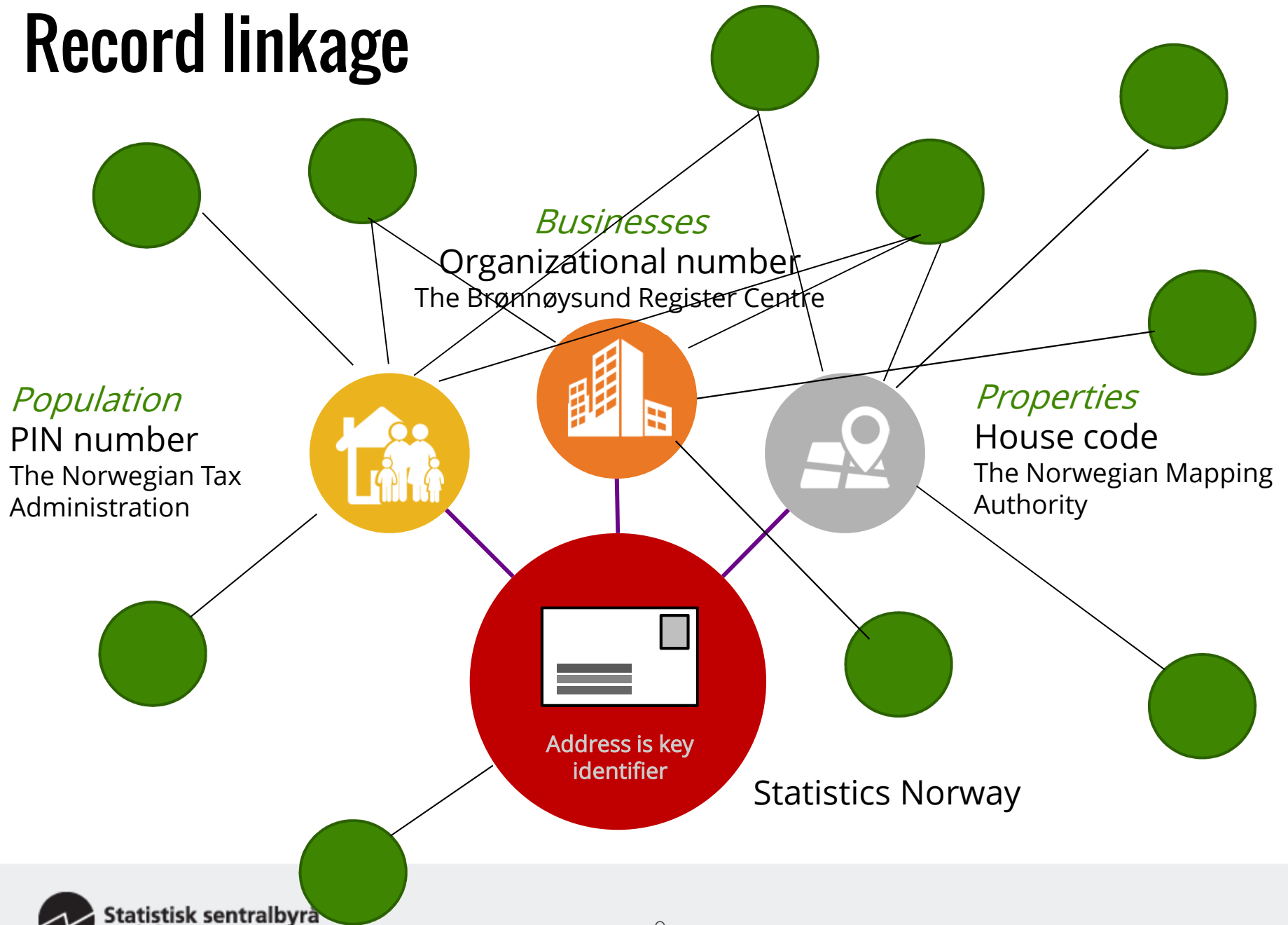
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Quality work at SN

- *Record linkage of various registers*
- *Development of quality indicators which are used to report back to register owners*



Record linkage



Quality criteria for administrative data



- Technical checks (readability, convertability)
- Accuracy (consistency and error checks)
 - Too many people living at one address
 - Non-matching civil status
- Completeness
 - Non-registered people
 - People who have not registered emigration
- Time (timeliness and punctuality)
- Integrability

Metadata must be available

Quality reports for administrative registers

- About 100 reports linked to agreements with 33 owners of registers
- Follow quality criteria

11.05.2016

Kvalitetsrapport for Det sentrale folkeregisteret (DSF)

Formål/bakgrunn

Folkeregisterets formål og rolle i samfunnet har utviklet seg over tid. Det foreligger ingen formålsbestemmelse verken i lov eller forskrift i dag. Folkeregisteret er regulert ved lov om folkeregistrering 16. januar 1970 nr. 1. Regelverket beskriver blant annet hvem som skal være ansvarlig for registeret, hvilke opplysningstyper som skal registreres og regulerer i noen grad nærmere hvordan enkelte opplysningstyper skal forstås, for eksempel hvor i landet en person er bosatt.

Oppdatering

Nyregistrering (fødsler) kommer fra jordmor/lege eller fra mor når fødselen har skjedd utenfor sykehus uten jordmor til stede. Den enkelte person eller dens foresatte/verge har selv ansvar for å sende inn melding om flytting eller navndring til folkeregisteret. I tillegg har en rekke ulike offentlige myndigheter plikt til å sende endringsmeldinger.

Samarbeid

Det er løpende samarbeid mellom SSB og Skattedirektoratet (SKD) om DSF. SSB deltar i brukerforum for DSF og medvirker i moderniseringsprogrammet for DSF. SSB har tatt initiativ til en tverretattlig arbeidsgruppe mellom SKD, Kartverket og SSB. SKD sendte i løpet av april brev til Kartverket og SSB med forslag om opprettelse av en slik arbeidsgruppe som den får nødvendig lederforankring i etatene. Samarbeid om kvalitet mellom matrikkel og DSF er nødvendig å ha på plass for konvertering av nytt folkeregister.

1. Kontaktperson hos Skattedirektoratet: Martin Midtvedt
Kontaktperson hos SSB: Johan Åmberg

2. Generelle kvalitetsindikatorer

Kvalitetsindikator	Kommentarene her henviser til Kvalitetsindikatorer for inndata som finnes på SSB (ssb.no lenke)
Tekniske kontroller	Ingen kjente problemer med: 1.1 Lesbarhet 1.2 Samsvar i fildeklarasjonen 1.3 Konverterbarhet
Nøyaktighet	Enhetene i registeret er person. Fødselsnummer/Dnummer er identifikasjonsnøkkel. Ingen kjente problemer med: 2.1 Identifiserbarhet 2.2 Inkonsistente enheter 2.3 Mistenkelige enheter (omtales under punkt 3) Variabler Problemområde: 2.4 Målefeil <ul style="list-style-type: none"> • Ugyldige/feil bolignummer forekommer. • Bruk av matrikkeladresser (Gnr/Bnr) mens det finnes gate/veiadresse: 2 642 bosatte

Principles for cooperation with data owners, given the statistics law

- Feedback on data quality on single source:
 - SN complain on the quality of the deliverables
 - SN return individual based information with positive indicators
- Feedback on quality – combination of sources:
 - SN give feedback at aggregate level – main rule
 - Assuming a data processing agreement: We can supply individual data with positive indicators
 - The data owner has the legal authority to use the second source
 - The data owner has a copy of the other source available

Publication of 2016 VS figures

Population and population changes, 1 January 2017

Variants of the statistics: [Annually, per 1 January](#) [Annually, estimated figures](#) [Quarterly](#)

i The annual figures as at 1 January are published in February every year and show the population by sex and age at year-end. Statistics Norway also publish quarterly figures on changes.

Municipal figures are in [table 2](#) and in StatBank (Find more figures).

[Statistics home page](#)

[Tables \(8\)](#)

[About the statistics](#)

[Archive](#)



Published: 23 February 2017

Population of 5 258 000 at year start

The population of Norway reached 5 258 000 at the start of the year. The number of foreign citizens grew by 21 000 in 2016 to 559 000 on 1 January 2017.

Population, by age. 1. January				
	2017	Change in percent		
		2016 - 2017	2012 - 2017	2007 - 2017
Total	5 258 317	0.9	5.5	12.3
0 years	59 335	-0.1	-1.9	1.0



FIND MORE FIGURES

in StatBank for births, deaths, migration and population of the country, counties and municipalities for previous years.



CONTACT

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Thank you for the attention!

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