



**LUND**  
UNIVERSITY

# **SEDD**

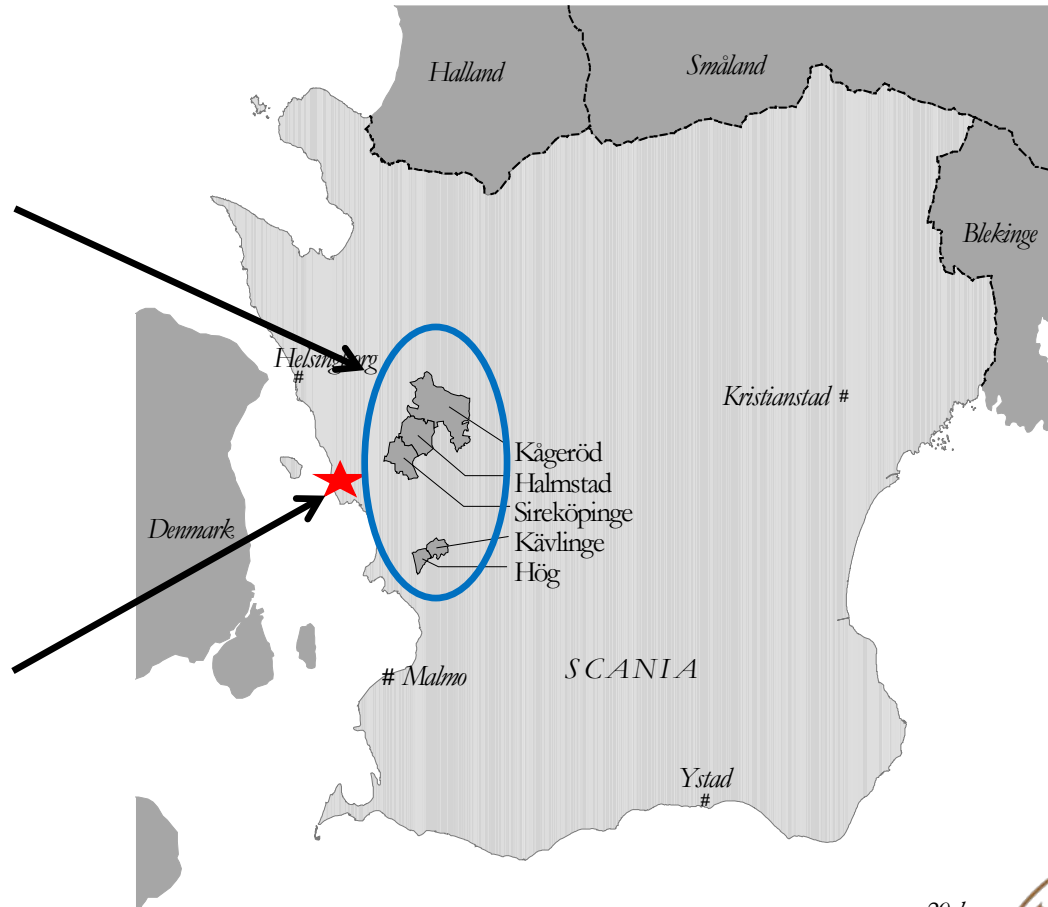
The Scanian Economic-  
Demographic Database

**Martin Dribe**

# Location of the sample

**5 parishes:**  
**1830: 4,000**  
**1900: 5,500**  
**2000: 10,000**

**Landskrona:**  
**1830: 3,500**  
**1900: 14,500**  
**2000: 27,500**



20 km



# Source material 1815-1968

- Catechetical examination registers/parish books.
  - Continuous registers at individual level with family (and household) identifiers
  - Vital events, in- and out migration (date+place)
  - Place and date of birth
  - Occupation
- Linked sources



# Catechetical examination register, Kävlinge 1868-1873

11.	Personernas namn, stäm, embete, yrke och näringsfång, nationalitet, lysten, (engelska, tyska, danska).	Födelse-		Äktenskap.	Flyttat	Död.
		År, och dag	Ort, (Socken i Län, stad).			
1	Geor. Per. Johansson	40	Skövde	2	Skövde	
2	Ned. Gustaf Wilhelmsson	40	Skövde	2	Skövde	
3						
4	Jon. Johansson	65	Skövde	2	Skövde	
5	"	68	Skövde			9/12
6	Mik.	71	Skövde			
7						
8						
9						
10						
11						
12						
13						
14						
15	Geor. Hans. Persson	44	Skövde	2	Skövde	
16	"	48	Skövde	2	Skövde	
17	"	50	Skövde	2	Skövde	
18	"	51	Skövde	2	Skövde	
19	"	46	Skövde	2	Skövde	
20	"	51	Skövde	2	Skövde	
21	"	54	Skövde	2	Skövde	
22	"	58	Skövde	2	Skövde	
23	"	54	Skövde	2	Skövde	
24						
25						
26						



# Digitized household record

Hush	Famn	Ufam	indnr	Fömamn	Efternamn	Yrke	Kod	Föd.datum	Föd.ort	Startdatum	Starttyp	Inf.ort	Stopdatum	Utf.ort
200	200	390	1	Anders	Johnsson		ma	1852-08-08	h	1879-04-30	v	vi		
200	200	390	1	Anders	Johnsson	Arrendator	h ma	1852-08-08	h Saxtorp	1879-05-01	h in	Kågeröd 05	1886-07-02	d dö
200	200	3960	2	Maria	Nilsson		hu	1857-02-18	h	1879-04-30	v	vi		
200	200	3960	2	Maria	Nilsson		h hu	1857-02-18	h Röstånga	1879-05-01	h hu		1890-12-02	h ut Möllarps
200	200	200	3	Camilla Urania			do	1880-02-27	f Kågeröd	1880-02-27	f fö		1890-12-02	h ut Möllarps
200	200	200	4	Nils Albin			so	1881-08-11	f Kågeröd	1881-08-11	f fö		1890-12-02	h ut Möllarps
200	200	200	5	Wigo Ferdinand			so	1883-11-04	f Kågeröd	1883-11-04	f fö		1890-12-02	h ut Möllarps
200	200	3754	100	Carl Johan	Persson	Dräng	h dr	1860-04-24	h Riseberga	1879-05-01	h hu		1879-11-26	h ut Torrlösa
200	200	4202	101	Ola	Persson	Dräng	h dr	1854-03-06	h Kågeröd	1879-05-01	h hu		1879-10-23	h ut N. Vram
200	200	200	102	Carl Fredrik	Hartman	Dräng	h dr	1854-03-02	h Söderviddinge	1879-11-01	h in	Skipadrätten 01	1880-10-19	h ut Svalöv
200	200	200	103	Christina	Bengtsdotter	Piga	h pi	1867-11-25	h Svalöv	1883-10-23	h in	Kj. Nöbbelöv	1885-10-22	h ut Skrävlinge
200	200	200	104	Hanna	Olasdotter	Piga	h pi	1864-02-08	h S. Rörum	1879-10-29	h in	Svalöv	1881-10-18	h ut Torrlösa
200	200	3235	105	Magnus	Olausson	Dräng	h dr	1866-01-23	h Svalöv	1884-11-03	h in	Svalöv	1885-11-05	h ut Olstorp 01



# Linked sources

- Event based registers
  - Births, deaths and marriages. Quality control and added information on cause of death
- Poll tax registers (-1945)
  - Annual data on type of housing, farm size, farm type, occupation, household structure.
- Income and taxation registers (1865-1968)
  - Annual data on income and taxed property
  - Individual income from 1905, for head of family before
  - Occupation



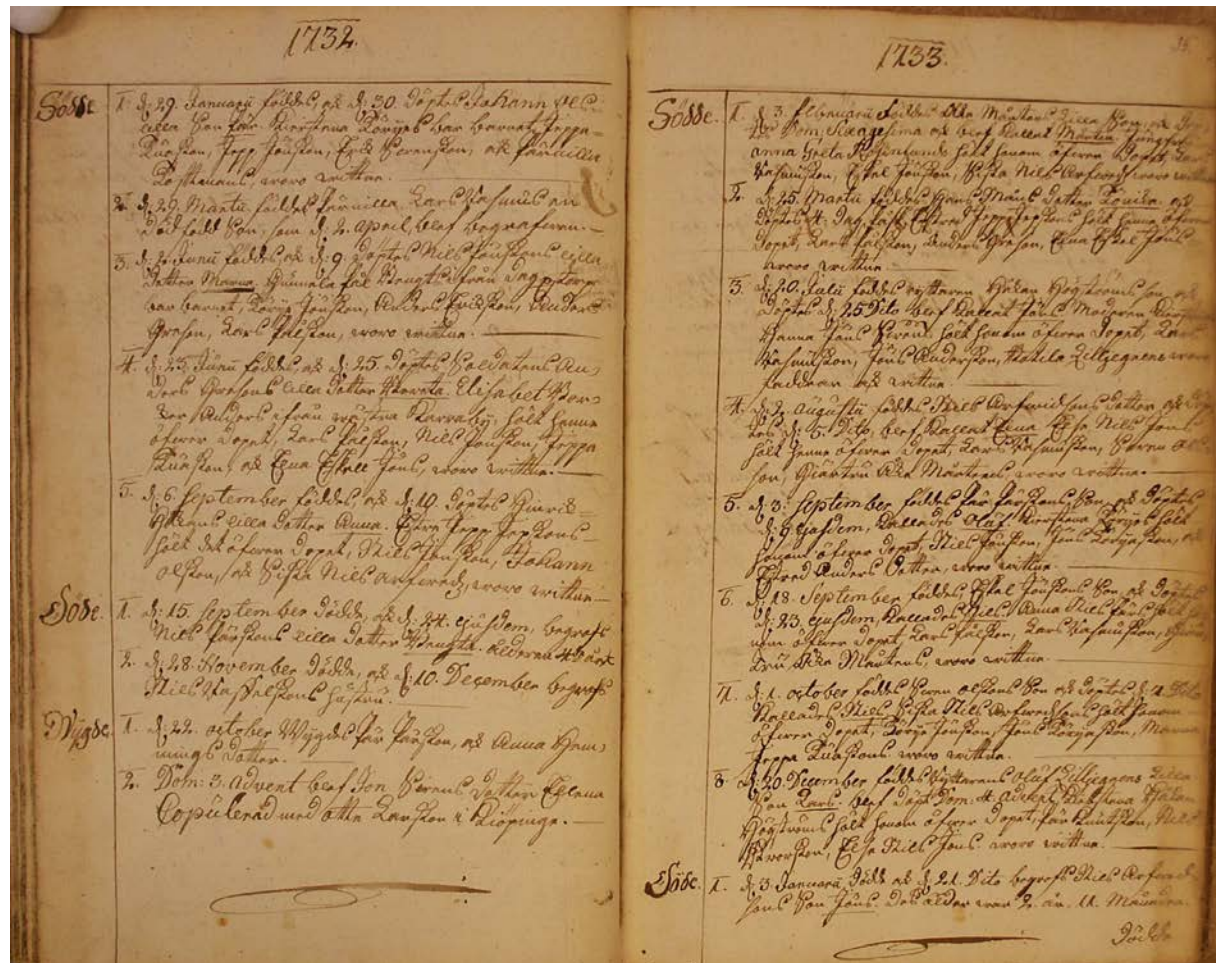


# Church records, Hög 1732-1733

## Births

## Deaths

**Married**



# Digitized birth record

Födda i Kävlinge församling  
1685 - 1894

<b>Datum</b>	1830-01-05	<b>Datum avser ID-nr/Regler</b>	födelse 9964473/SDD
<b><u>Barnet</u></b>			
<b>Namn</b>	Nils	<b>Kön</b>	man
<b>Äktenskaplig börd</b>	inom äktenskapet	<b>Antal födda</b>	1
<b>Dödfödd</b>		<b>Paritet</b>	
<b><u>Fadern</u></b>		<b><u>Modern</u></b>	
<b>Namn</b>	Lars Nilsson	<b>Namn</b>	Hanna Tufvesdotter
<b>Titel</b>	dräng	<b>Titel</b>	
<b>Ort</b>	Kjeflinge 16	<b>Ort</b>	Kjeflinge 16
		<b>Ålder/födelseår</b>	47
<b>Dopvittnen</b>			
<b>Övrigt</b>			

## Källhänvisning

### Arkiv

Kävlinge kyrkoarkiv C:1

### Förvarande institution

Landsarkivet i Lund

### Läsproblem i förlaga

### Källanmärkning

Volymen innehåller: Födda 1734-1831. Vigda 1734-1831. Döda 1734-1831.

### Övrig information

### Sid-/årsnummer

/

### Sida i husförhörlängden

### Microfiche volym nr (ej obligatoriskt)

## Registeranmärkning

Uppgifterna hämtade ur: Ingår i Hög C:1 1685-1733, Kävlinge C:1 1734-1831, Kävlinge C:2 1832-1853, Kävlinge C:3 1854-1861 samt Kävlinge C:4 1862-1894.





# Poll-tax register 1801

Sept		Transport		36 37 38 39		1 132 34 172 18 133 172		6	
Oppløst		1		1		1		1	
1		1		1		1		1	
2		1		1		1		1	
3		1		1		1		1	
4		1		1		1		1	
5		1		1		1		1	
6		1		1		1		1	
7		1		1		1		1	
8		1		1		1		1	
9		1		1		1		1	
10		1		1		1		1	
11		1		1		1		1	
12		1		1		1		1	
13		1		1		1		1	
14		1		1		1		1	
15		1		1		1		1	
16		1		1		1		1	
17		1		1		1		1	
18		1		1		1		1	
19		1		1		1		1	
20		1		1		1		1	
21		1		1		1		1	
22		1		1		1		1	
23		1		1		1		1	
24		1		1		1		1	
25		1		1		1		1	
26		1		1		1		1	
27		1		1		1		1	
28		1		1		1		1	
29		1		1		1		1	
30		1		1		1		1	
31		1		1		1		1	
32		1		1		1		1	
33		1		1		1		1	
34		1		1		1		1	
35		1		1		1		1	
36		1		1		1		1	
37		1		1		1		1	
38		1		1		1		1	
39		1		1		1		1	
40		1		1		1		1	
41		1		1		1		1	
42		1		1		1		1	
43		1		1		1		1	
44		1		1		1		1	
45		1		1		1		1	
46		1		1		1		1	
47		1		1		1		1	
48		1		1		1		1	
49		1		1		1		1	
50		1		1		1		1	
51		1		1		1		1	
52		1		1		1		1	
53		1		1		1		1	
54		1		1		1		1	
55		1		1		1		1	
56		1		1		1		1	
57		1		1		1		1	
58		1		1		1		1	
59		1		1		1		1	
60		1		1		1		1	
61		1		1		1		1	
62		1		1		1		1	
63		1		1		1		1	
64		1		1		1		1	
65		1		1		1		1	
66		1		1		1		1	
67		1		1		1		1	
68		1		1		1		1	
69		1		1		1		1	
70		1		1		1		1	
71		1		1		1		1	
72		1		1		1		1	
73		1		1		1		1	
74		1		1		1		1	
75		1		1		1		1	
76		1		1		1		1	
77		1		1		1		1	
78		1		1		1		1	
79		1		1		1		1	
80		1		1		1		1	
81		1		1		1		1	
82		1		1		1		1	
83		1		1		1		1	
84		1		1		1		1	
85		1		1		1		1	
86		1		1		1		1	
87		1		1		1		1	
88		1		1		1		1	
89		1		1		1		1	
90		1		1		1		1	
91		1		1		1		1	
92		1		1		1		1	
93		1		1		1		1	
94		1		1		1		1	
95		1		1		1</			

# Digitized poll-tax register

År	Mantal sida	Gårds namn	Typ	Mantal1	Mantal2	Yta	matlag		Hushåll		osäkerhet		Fönamn	Efternamn
							Boställe	Hustru	bruksnr	hushnr	Fam.nr			
1750		ABULLABO 02	FR	1/4		q	BG	H	272	272	272	Anders	Olson	
1750		BENSIGE 02	FR	1/2		q	BG	H	3797	3797	3797	Nils	Nilsson	
1750		BÖKETOFTA 08	FR	1/4		q	BG	H	2307	2307	2307	Nils	Gudmuson	
1750		GRYTTSGÅRDEN 11	FR	1/4		q	BG	H	246	246	246	Anders	Nelson	
1750		ABULLABO 01	FR	1/4		q	BG	H	2318	2318	2318	Michel	Månsson	
1750		FJERSHUS 08	FR	1/4		q	BG	H	2085	2085	2085	Pär	Swenson	
1750		GÖDSTORP 02	FR	3/8		q	BG	H	861	861	861	Bengt	Jönsson	
1750		HÅLEGÅRDEN 10	FR	1/4	1/4	q	BG	H	1316	1316	1316	Nils	Persson	
1750		HALLAGÅRDEN 04	FR	1/2		q	BG	H	388	388	388	Anders	Önnerson	
1750		KÅGERÖD 04	FR	3/8		q	BG	H	3615	3615	3615	Ola	Gudmundsson	
1750		KÅLLSTORP 05	FR	1/4		q	BG	H	1935	1935	1935	Hans	Olsson	
1750		KNUTSTORP 01	FR	3/8		q	BG	H	2953	2953	2953	Jöns	Larsson	
1750		KNUTSTORP 03	FR	1/4		q	BG	H	1591	1591	1591	Ola	Eriksson	
1750		KÖLEGÅRDEN 03	FR	1/4		q	BG	H	284	284	284	Anders	Pärson	
1750		KOTORP 08	FR	1/4		q	BG	H	929	929	929	Bengt	Pärsson	
1750		ORÖD 01	FR	1/2	1/4	q	BG	H	3611	3611	3611	Tue	Persson	



# Income register

[illegible]

# Digitized income register

										Antal barn, för vilka avdrag enligt 18 § mom. b) förordningen om inkomst- och förmögenhetsskatt äger rum	Taxering enligt bevilningförordningen					
											Av taxeringsnämnden					
											taxerad inkomst			medgivet avdrag enligt 12 §		
											av kapital	av arbetsanställning, tjänst eller pension	av rörelse, yrke eller eljest		Summa	
År	Gårds namn	FB	Fam.nr	Indnr	Ufam	Uindnr	Namn1	Efternamn	Yrke							
1920	Hög 13 Haga 01		11124	2	11124	2	Else	Andersson f.	Änkefru			510			510	450
1920	Hög 13 Haga 01		41059	2	41059	2	Elna	Andersson	Fröken			576			576	450
1920	Hög 13 Johnshög nr. 02		972	2	557	6	Jöns	Esbjörnsson	Änkefru			1302			1302	300
1920	Hög 13 Johnshög nr. 06		11058	1	11058	1	Jöns	Jönsson	Arbetare	4			1200		1200	400
1920	Hög 13 Johnshög nr. 07		11064	1	11064	1	Anders	Persson	Murare							
1920	Hög 13 Johnshög nr. 07		41034	1	41034	1	Edvard	Andersson	Arbetare							
1920	Hög 13 Vestanhögs		11119	1	11119	1	Lars	Svensson	Barvaksförman	2			4649		4649	
1920	Hög 14		11125	1	1047	4	Anders Berndt	Nilsson	Arrendator	3						

Taxering enligt förordningen om inkomst- och förmögenhetsskatt															Pensionsavgift enligt 15 § lagen om allmän pensionsförsäkring	Taxeringsnämndens anteckningar
Antagen beskattningsbar inkomst		Uträknad bevilning	Av prövningsnämnden beslutade ändringar i de beskattningsbara inkomstbeloppen	Av taxeringsnämnden				Uträknad inkomst- och förmögenhetsskatt		Av prövningsnämnden beslutad ändring i						
				taxerat belopp	medgivna skattefria avdrag enligt 18 § 1 mom. a), b) och c)	antaget beskattningsbart belopp	beräknat grundbelopp			taxerat belopp	antaget beskattningsbart belopp	beräknat grundbelopp				
60	0	06			690	900										Över 67 år
126	0	12			1000	900	50	1	50	2	32				5	
1002	1	00			1890	900	540	16	20	25	11					Över 67 år
800	0	80			1200	2400									10	
					1130	1200									5	
																Sjuk
4649	4	64			4420	1800	1720	51	60	79	98				10	
					9260	2100	6110	183	30	284	11				10	



# Linked sample

- Longitudinal individual-level data 1815-2014
- Linkage based on unique personal identifiers (1947 onwards)
- Information on demographic variables, health, education and various socioeconomic conditions
- Intergenerational linkages, 4+ generations



# Individuals and events

	1815-1895	1896-1948	1949-1968*	1968-2014**
Births	12,000	7,000	9,500	320,000
Deaths	7,000	4,000	6,000	138,000
Individuals		135,922		698,803

\*Includes Landskrona

\*\*Includes Landskrona and all descendants in Sweden as a whole





# Demographic variables

- Births
- Deaths (incl. Cause of death)
- Marriages
- In- and out migration (date and place)
- Place of birth
- Date of birth
- Sex
- Household position



# Socioeconomic variables

- Occupation (text, standardized, HISCO, HISCLASS, SOCPO)
- Land type (Freehold, Crown, Manorial)
- Type of holding (farm, croft, etc)
- Size of landholding (*mantal*  $\approx$  land productivity)
- Income (by source, quite detailed)



# Occupation

- Multiple sources
  - Parish books (entered at entry)
  - Event registers (at event)
  - Poll tax registers (annual, up to 3 different)
  - Income (annual)
- Multiple titles in same entry (occ1, occ2, occ3)
- HISCO (Van Leeuwen, Maas & Miles 2002): 3 codes (hisco, status, relation)
- HISCLASS (Van Leeuwen & Maas 2011)
- SOCPO (Social Power, Van de Putte and Miles 2005)



# Occupation, cont.

- Individual occupation
- Family head occupation

⇒ Many different occupational notations at the same time !



# SES variables (based on occupation)

## Individual occupation (text, HISCLASS, SOCPO):

censusocc1 censusocc2 censusocc3 indivocc indivocc\_income

censusocc1\_h1 censusocc1\_sp1 censusocc1\_h2 censusocc1\_sp2  
censusocc1\_h3 censusocc1\_sp3 censusocc2\_h1 censusocc2\_sp1  
censusocc2\_h2 censusocc2\_sp2 censusocc2\_h3 censusocc2\_sp3  
censusocc3\_h1 censusocc3\_sp1 censusocc3\_h2 censusocc3\_sp2  
censusocc3\_h3 censusocc3\_sp3

indivocc\_h1 indivocc\_sp1 indivocc\_h2 indivocc\_sp2 indivocc\_h3 indivocc\_sp3

indivocc\_income\_h1 indivocc\_income\_sp1 indivocc\_income\_h2  
indivocc\_income\_sp2 indivocc\_income\_h3 indivocc\_income\_sp3



# Occupation, cont.

- Individual occupation
- Family head occupation

⇒ Many different occupational notations at the same time !

**Solution:**

All individual notations are classified in HISCLASS/SOCPO,  
and then the highest are chosen at each point in time





Table 1. *Dimensions of social class in HISCLASS*

Manual/ non-manual	Skill	Supervision	Sector	Class labels	Number
Non-manual	higher-skilled	yes	other	Higher managers	1
		no	primary other	Higher professionals	2
	medium-skilled	yes	primary other	Lower managers	3
		no	primary other	Lower professionals, clerical and sales personnel	4
	lower-skilled	yes	primary other		
		no	primary other	Lower clerical and sales personnel	5
	unskilled	yes	primary other		
		no	primary other primary		
Manual	higher-skilled	yes	other		
		no	primary other primary		
	medium-skilled	yes	other	Foremen	6
		no	primary other	Medium-skilled workers	7
	lower-skilled		primary	Farmers and fishermen	8
		yes	other		
		no	primary other	Lower-skilled workers	9
	unskilled		primary	Lower-skilled farm workers	10
		yes	other primary		
		no	other primary	Unskilled workers	11
			primary	Unskilled farm workers	12



# SOCPO

## Socioeconomic classification (SOCPO):

Social power level (SES)	Commanders (authority)	Self-employed (business/property owners)	Skill	Pure status
5	High commander: executive, general policy tasks	Large-scale self-employed	Non-manual superskilled	Nobility
4	Medium commander: supervisor of skilled workers	Medium-scale self-employed: local businessmen and farmers	Manual superskilled/non-manual skilled	
3	Low commander: supervision of semi- and unskilled workers		Manual-skilled	
2		Small-scale self-employed	Semi-skilled	
1			Unskilled	

Source: Van de Putte and Miles (2005).



# Bio-medical variables

## 1815-1967

Deaths (date, place, etc)

- Cause of death

Mid wife reports

- Information about the mother: previous stillbirths, condition 3 weeks after childbirth, etc.
- Information about the delivery: date and time, complicating conditions, presence of doctor, fetal location, fetal heart sound, mode of delivery, midwife arrival time, placental conditions, water breakage, bleeding, etc.
- Information about the child: sex, height, weight, head circumference, live birth, fetal heart sound, etc

## 1968\*-2014

Deaths (date, place, civ.stat, etc):

- Cause of death, multiple causes of death (up to 12), alcohol/drug related, diabetes

Patient register

- Hospital, diagnoses, cause of injury/poisoning, In-date, out-date

Medical birth register

- Information about the mother during pregnancy: in-date, family situation, lfp, occ, height, weight, age, parity, tobacco, snuffing, fetal diagnostics, infertility, contraceptive use, previous pregnancies, diagnoses etc
- Information about the delivery: in-date, hospital, length of pregnancy, mode of delivery, etc
- Information about the baby: Sex, weight, length, apgar, head circ., diagnoses, stillborn, out-date and reason, etc



# Conscript/military data

## 1815-1967

- Height
- Weight
- Chest measure
- Education
- Skills
- Cognitive test result
- Psychological evaluation
- Medical diagnoses

## 1968-2014

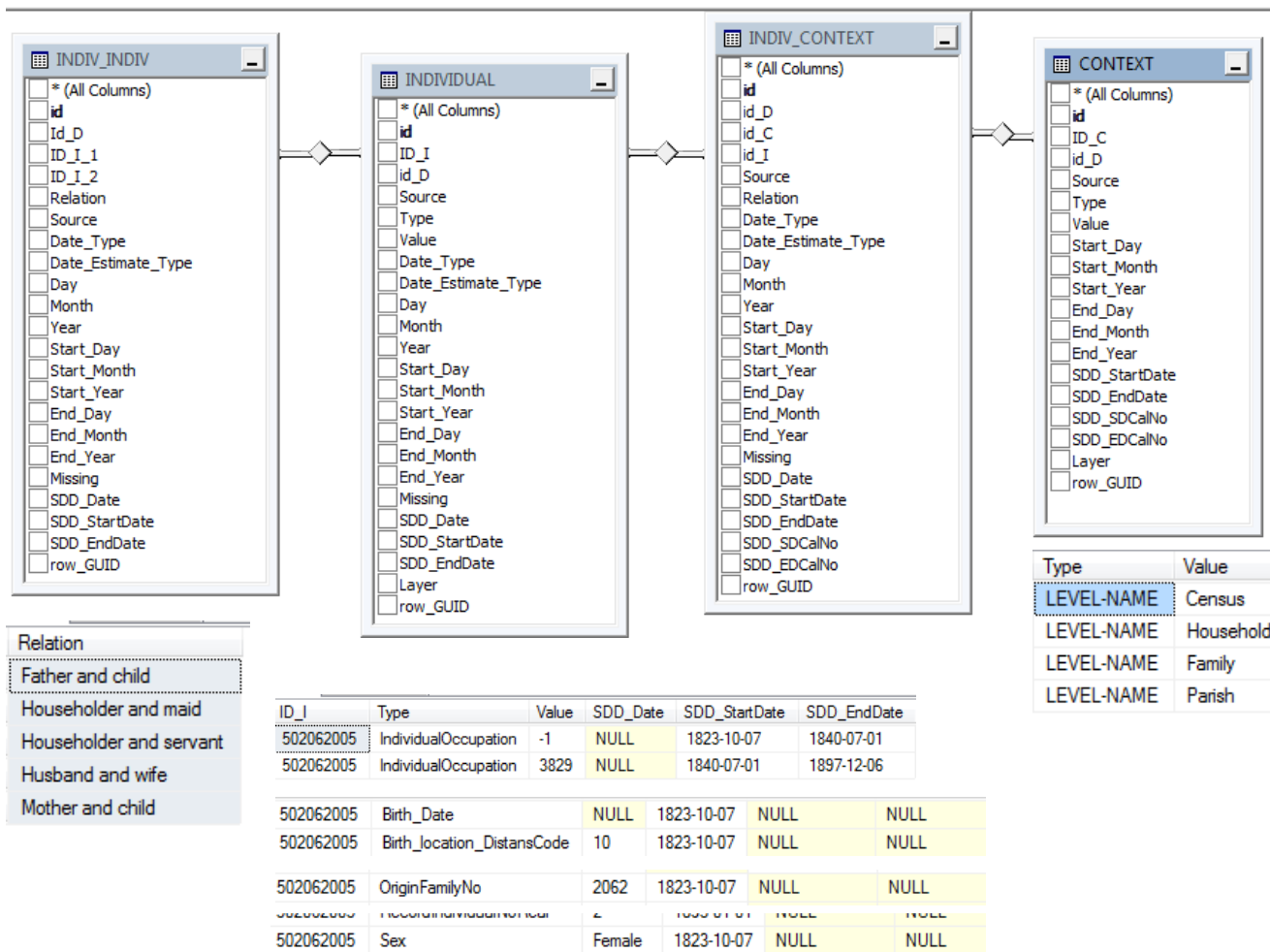
- Height,
- Weight
- Physical test results
- Cognitive and psychological test results
- Sight and hearing
- Medical diagnoses



# Data structure - IDS

- SEDD 1815-1968 has been fully implemented in the Intermediate Data Structure (IDS) developed by Mandemakers and Alter
- IDS aims at structuring data in a coherent way to facilitate sharing and publishing (historical) individual level data
- Data for 1968-2014 are in separate tables with individual identifiers (same structure as other Swedish register data)







# INDIVIDUAL

ID_I	Type	SDD_Date
502062005	Birth	1823-10-07

ID_I	Type	Value	SDD_StartDate	SDD_EndDate
502062005	HouseholdSize	17	1838-07-01	1839-08-15
502062005	HouseholdSize	18	1839-08-15	1840-07-01

in Context

## INDIV\_CONTEXT

pre-extract to INDIVIDUAL

ID_I	SDD_StartDate	SDD_EndDate	id_C
502062005	1823-10-07	1838-07-01	F0F31342-2DC0-43EA-9FF9-E8A90FBAF1EC
502062005	1838-07-01	1840-07-01	543A0CC7-C4FF-46C6-A204-FF5C538539AA

what happens in this specific Context ?

## CONTEXT

ID_C	SDD_StartDate	SDD_EndDate	Type	Value
543A0CC7-C4FF-46C6-A204-FF5C538539AA	NULL	NULL	LEVEL-NAME	Household
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1828-07-01	1828-11-14	HouseholdSize	3
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1828-11-14	1829-07-01	HouseholdSize	4
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1829-07-01	1830-04-29	HouseholdSize	5
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1830-04-29	1830-05-11	HouseholdSize	7
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1830-05-11	1830-05-12	HouseholdSize	6
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1830-05-12	1830-07-01	HouseholdSize	5
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1837-02-13	1837-07-01	HouseholdSize	13
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1837-07-01	1838-07-01	HouseholdSize	10
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1838-07-01	1839-08-15	HouseholdSize	17
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1839-08-15	1840-07-01	HouseholdSize	18
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1840-07-01	1841-11-06	HouseholdSize	17
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1841-11-06	1841-11-19	HouseholdSize	18
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1841-11-19	1843-01-02	HouseholdSize	17
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1843-01-02	1843-07-01	HouseholdSize	18
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1843-07-01	1844-07-01	HouseholdSize	19
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1844-07-01	1845-03-04	HouseholdSize	20
543A0CC7-C4FF-46C6-A204-FF5C538539AA	1845-03-04	1845-07-01	HouseholdSize	18
543A0CC7-C4FF-46C6-A204-FF5C538539AA	NULL	NULL	HouseholdNo	512



# Family

ID_C	SDD_StartDate	SDD_EndDate	Type	Value
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1834-07-01	1853-07-01	CensusOccupation1	4297
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1853-07-01	1854-07-01	CensusOccupation1	-1
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1854-07-01	1858-07-01	CensusOccupation1	4297
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1858-07-01	1859-07-01	CensusOccupation1	4313
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1859-07-01	1869-07-01	CensusOccupation1	-1
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1869-07-01	1870-07-01	CensusOccupation1	4315
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1870-07-01	1871-07-01	CensusOccupation1	425
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1871-07-01	1895-07-01	CensusOccupation1	424
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1895-07-01	1898-05-19	CensusOccupation1	4997
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1834-07-01	1898-03-12	FamilyHeadID	503408005
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1898-03-12	1898-05-19	FamilyHeadID	500324002
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1834-07-01	1853-07-01	FamilyHeadOccupationEvents	2585
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1853-07-01	1898-03-12	FamilyHeadOccupationEvents	4297
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1834-07-01	1859-07-01	LandTypeID	5
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1859-07-01	1869-07-01	LandTypeID	-1
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	1869-07-01	1898-05-19	LandTypeID	5
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	NULL	NULL	LEVEL-NAME	Family
A5D5B36B-4C7F-4B81-B6C3-CBD9C47D186A	NULL	NULL	FamilyNo	324



# ***Personuppgiftslagen (PUL)*** **(Law on individual data)**

- Personal information (PU) is all information connected to persons alive. Name, indiv. identifier, but also data that can be connected to an individual indirectly (detailed coordinates, house numbers, or combination of information in linked data)
- Dealing with PU is forbidden, unless there is individual consent or that it is “necessary” e.g. for research.
- PU must not be kept for a longer time than is required for carrying out the research



# *Lagen om etikprövning*

## (Law on ethical review of research)

- PUL: it is forbidden to use:
  - “Sensitive PU” (**ethnicity**, political opinions, religion, **health**, sexual life, union membership)
  - **Biological data** from a person alive or which can be related to a person alive
  - Data on criminal offenses
  - Physical operations on the research subject
  - Physical operations on deceased subjects
  - Methods which potentially can harm the subject physically or psychologically
- An ethical committee must review research that aims to do any of the above
- Forbidden to collect sensitive PU in databases.  
Research is only allowed after review for specific RQs



# ***Sekretesslagen***

## **(Law on confidentiality)**

- General rule: Government agencies (SCB, SoS, etc) are ***not allowed*** to transfer their personal information from the population registry (*folkbokföringen*)
- Such information remains confidential for 70 years
- Exceptions: Research as long as the data are de-identified and individuals cannot be directly or indirectly identified
- Research project must be cleared by an ethics committee, but the agency does not have to share the data even if approved. They make their own decision based on the project and the statement from the ethics committee



# What does it mean for SEDD?

- Data before 1916 (100 years) can be (and is) distributed freely
- After 1916 data can only be used for research which has been cleared by an ethics committee
- Linked (de-identified) data stored at MONA (SCB)
- Linked data can only be used for the research project specified in the project
- Lund University is not allowed to transfer data after 1916 outside the project
- As long as researchers work on issues related to the project we can invite them to collaborate, but no general dissemination of the data after 1916

