

Eesti siserände suundumused 1989–2021

Tiit Tammaru
Tartu Ülikool
Teaduste Akadeemia uurija-professor

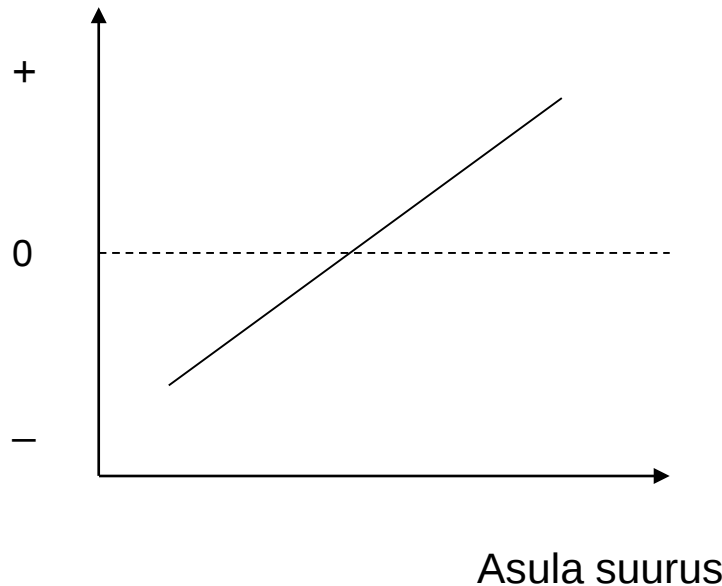
Koostöös: Kadi Kalm, Jaak Kliimask, Jānis Zālīte

Siserände põhisuundumused: 50+ aastat

- ❖ Alalinnastumine
- ❖ Järgilinnastumine
- ❖ Vastulinnastumine

Riigisisene inimeste koondumine ja hajumine

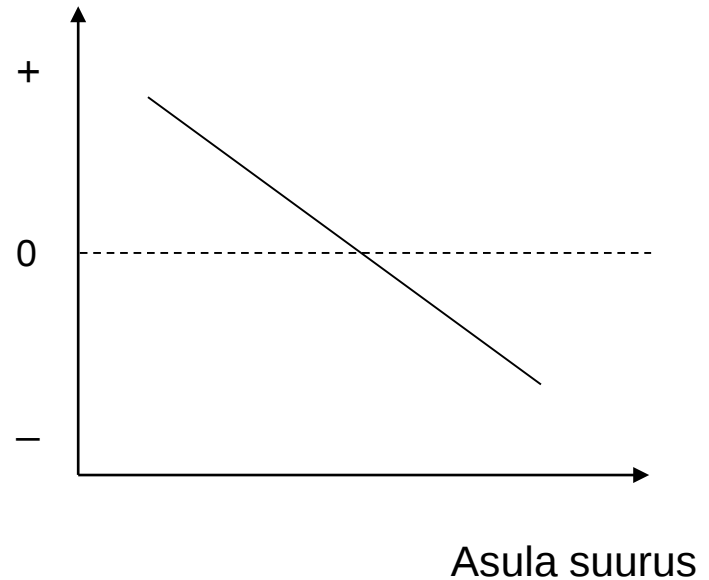
Rändesaldo



Linnastumine

Ränne madalamatelt asustus-
hierarhia tasemetelt
kõrgematele

Rändesaldo

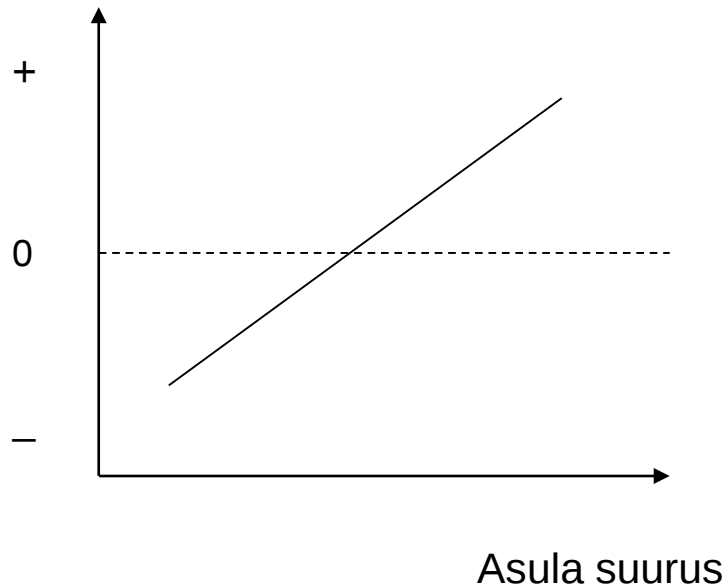


Vastulinnastumine

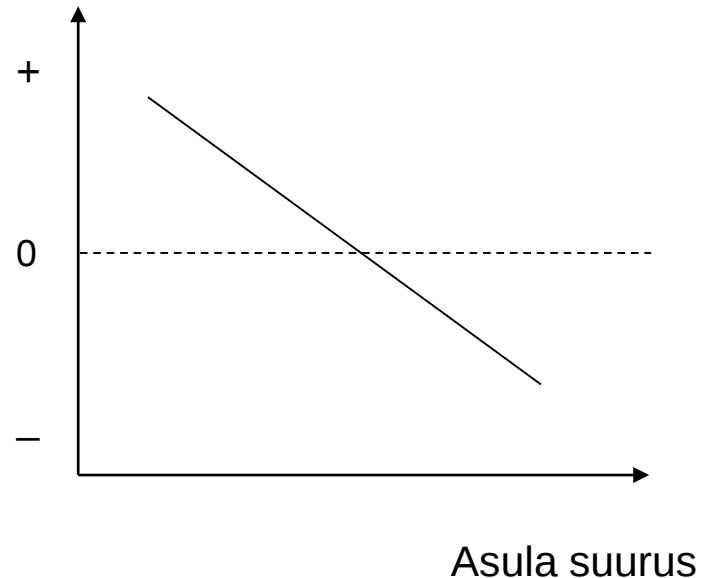
Ränne kõrgematelt asustus-
hierarhia tasemetelt
madalamatelt

Uurimisküsimused / teemad (1)

Rändesaldo



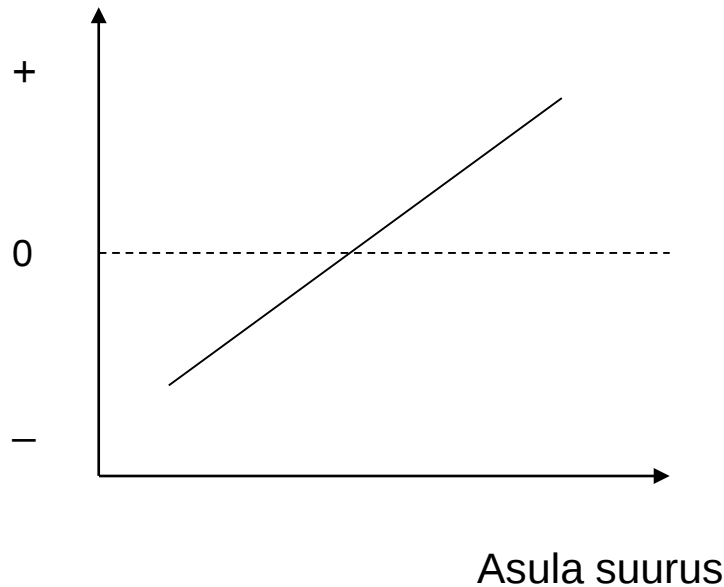
Rändesaldo



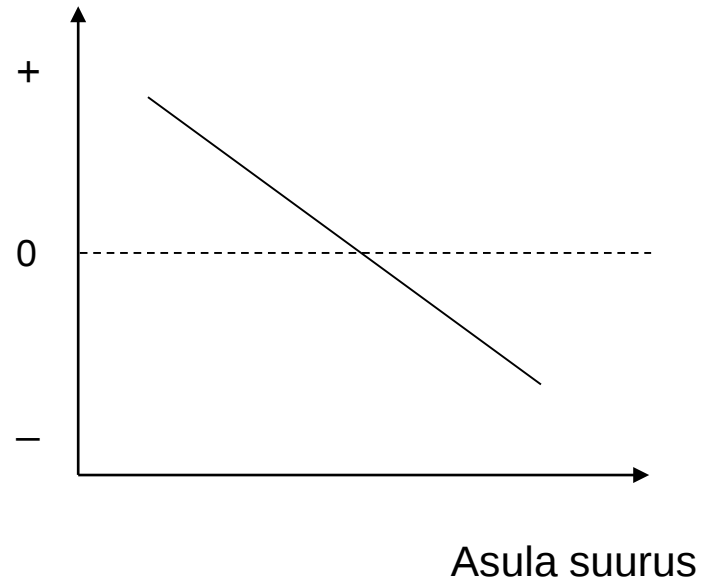
Kuidas on muutunud siserände intensiivus asustuse hierarhias aastatel 1989-2021?

Uurimisküsimused / teemad (2)

Rändesaldo



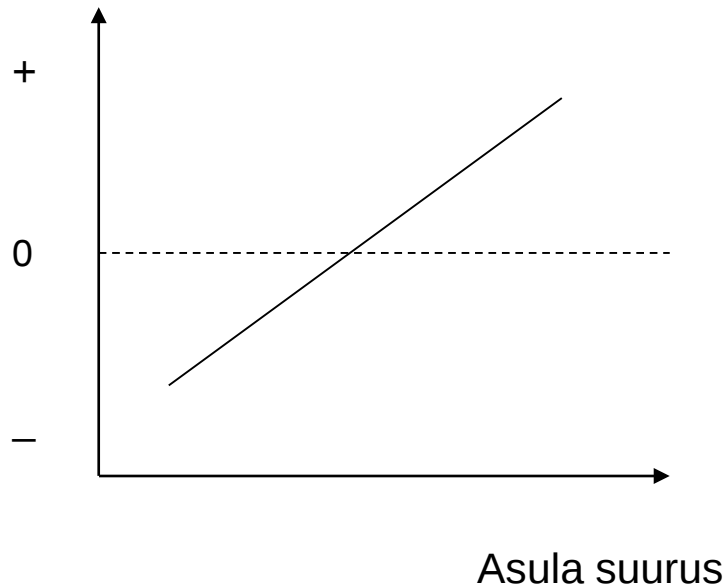
Rändesaldo



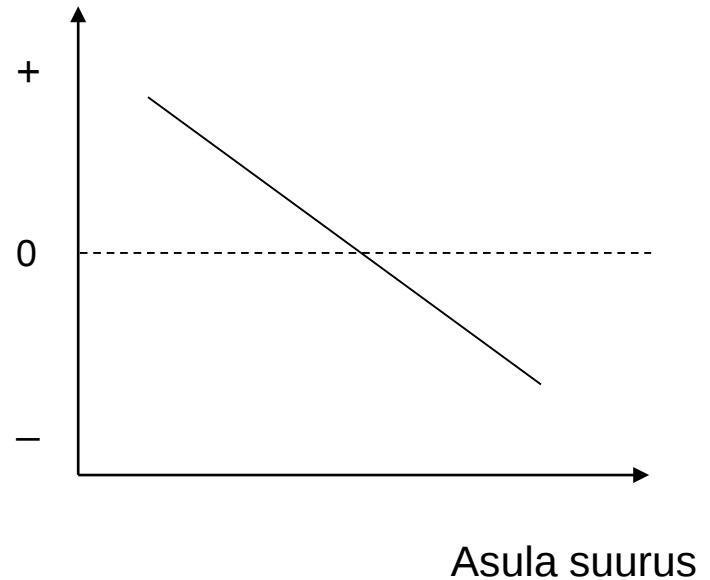
Kuidas on muutunud siserände suunad asustuse hierarhias aastatel 1989-2021?

Uurimisküsimused / teemad (3)

Rändesaldo



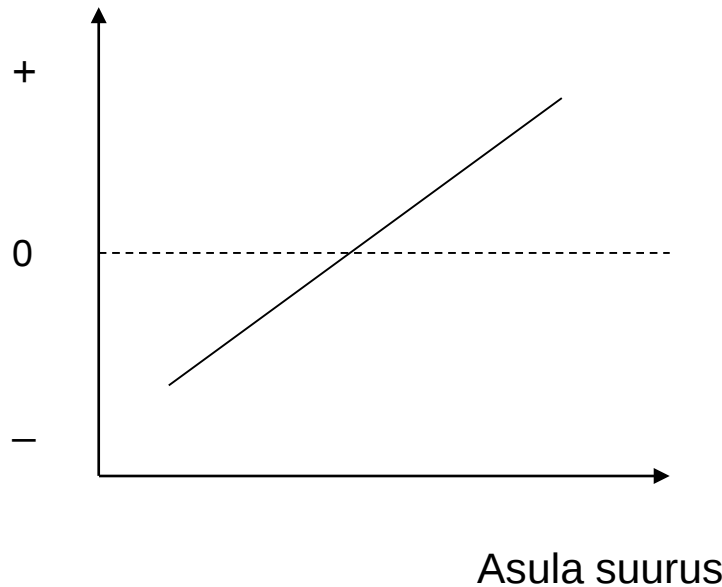
Rändesaldo



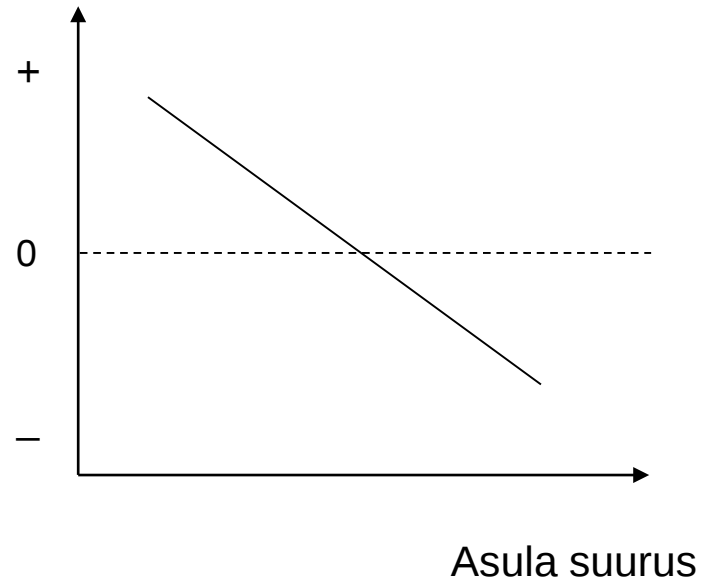
Kuidas on muutunud rändajate rühmad asustuse hierarhias aastatel 1989-2021?

Uurimisküsimused / teemad (4)

Rändesaldo



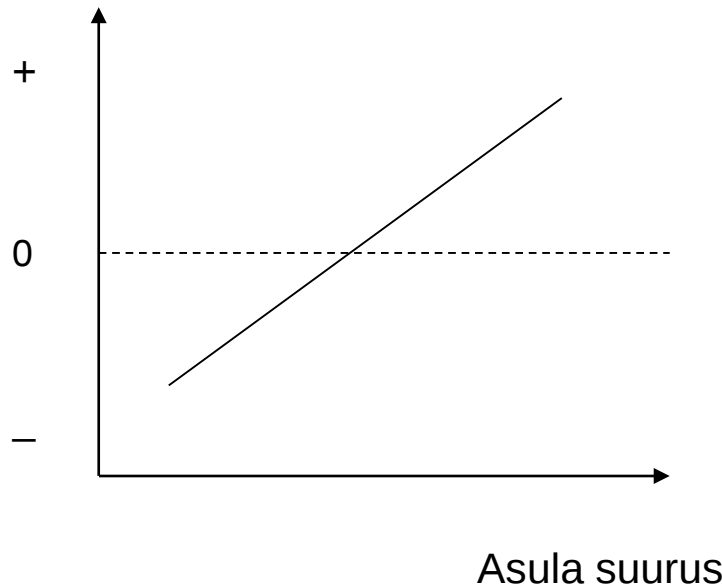
Rändesaldo



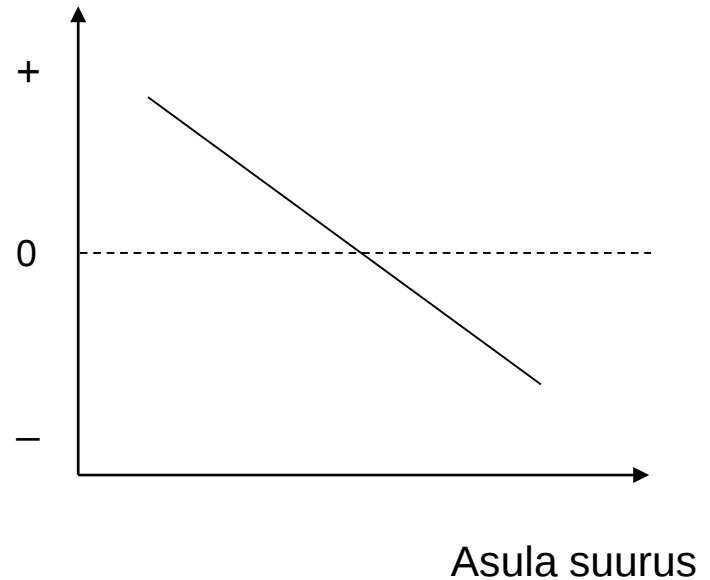
Kuidas on muutunud rändegeograafia asustuse
hierarhias aastatel 1989-2021?

Uurimisküsimused / teemad (5)

Rändesaldo



Rändesaldo



Kuidas on pandeemia mõjutanu rännet asustuse hierarhias?



Andmed: IMO andmetaristu

IMO ühtne kasutajaportaal

Mobiilsusuuringuid toetav uuenduslik ja terviklik andmetaristu koondab erinevaid andmeid inimeste ruumilise mobiilsuse paremaks mõistmiseks

Riigi isikupõhised
e-andmed

Mobiiliandmed

IMO ühtne
kasutajaportaal

Kontekstiandmed

Sensorandmed



Loe rohkem

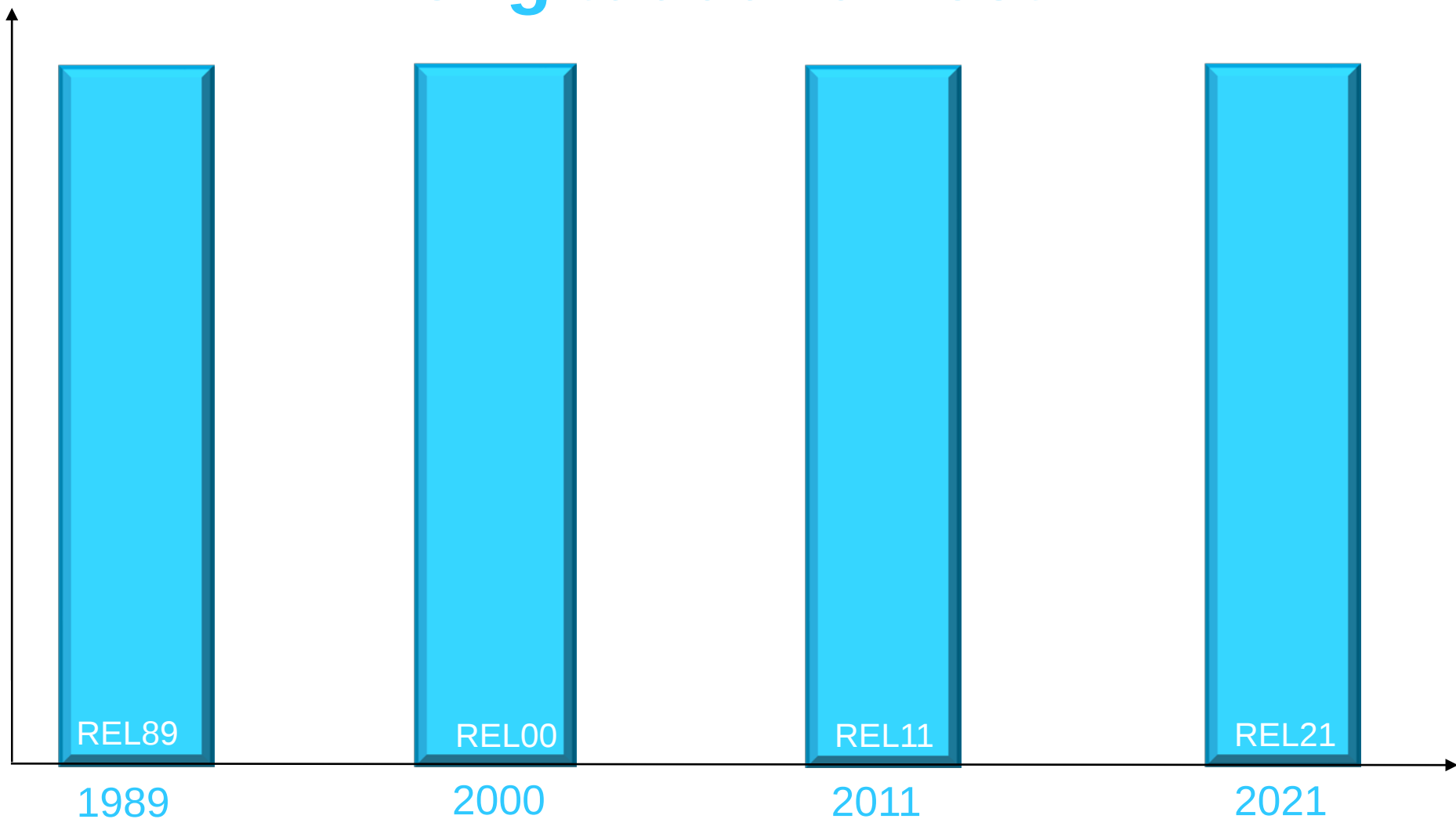
Partnerid



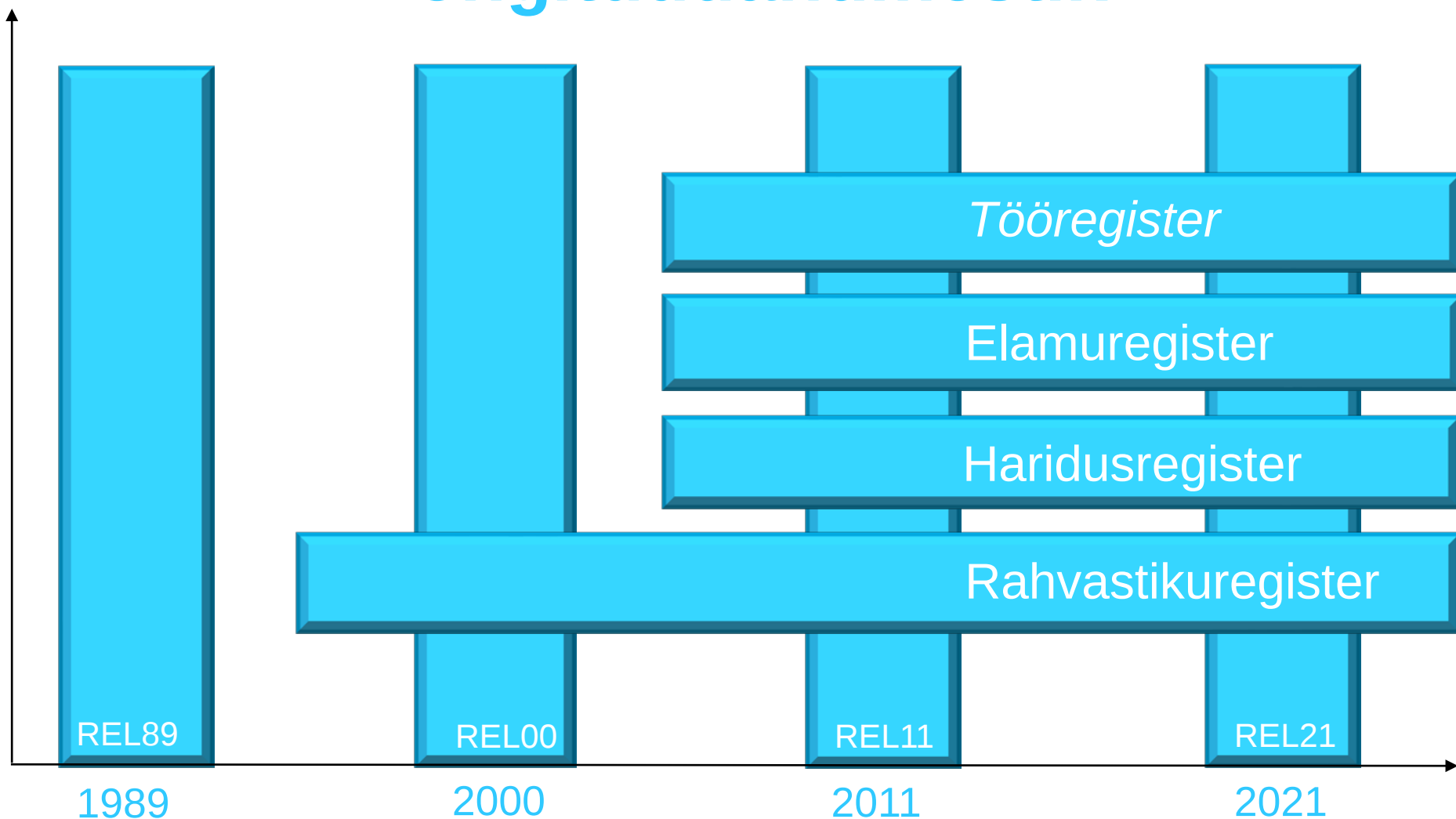
Activate Windows
Go to Settings to activate Windows.

Infotehnoloogiline Mobiilsusobservatoorium

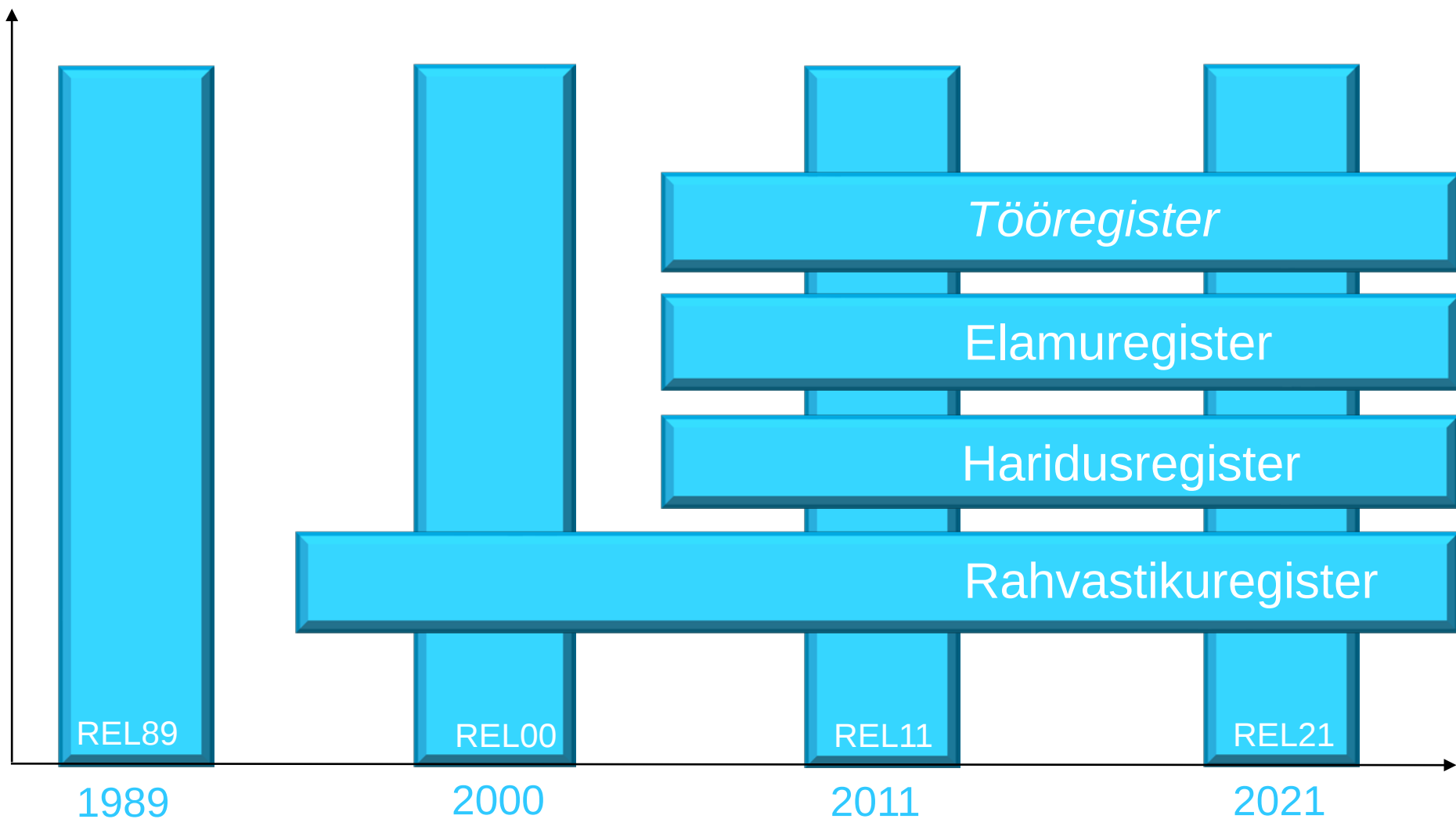
Eesti elanike sotsiaal-ruumiline longituudandmestik



Eesti elanike sotsiaal-ruumiline longituudandmestik



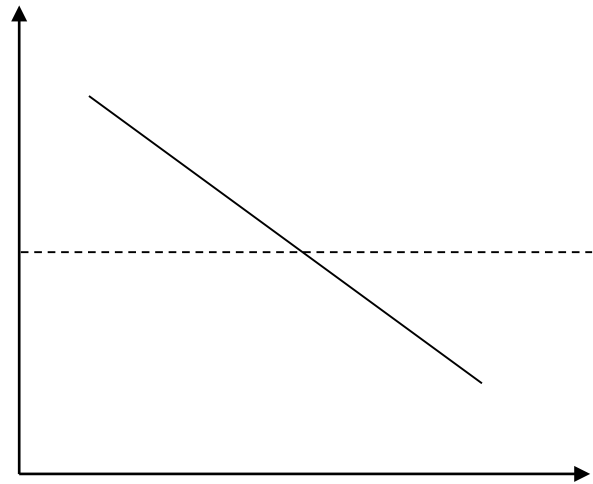
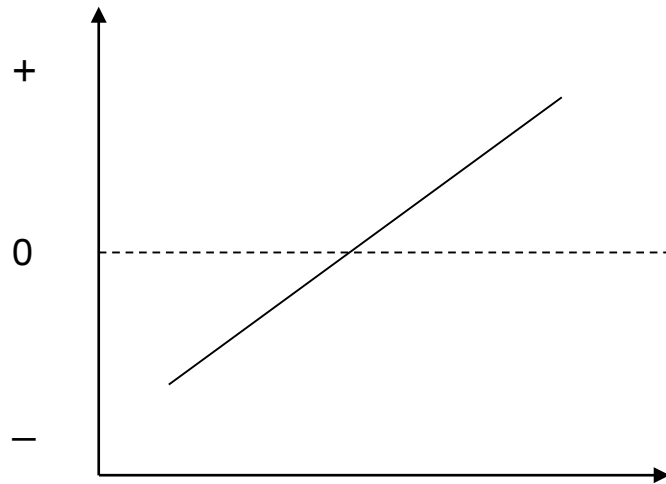
Geokodeerimine



Ruumiüksused

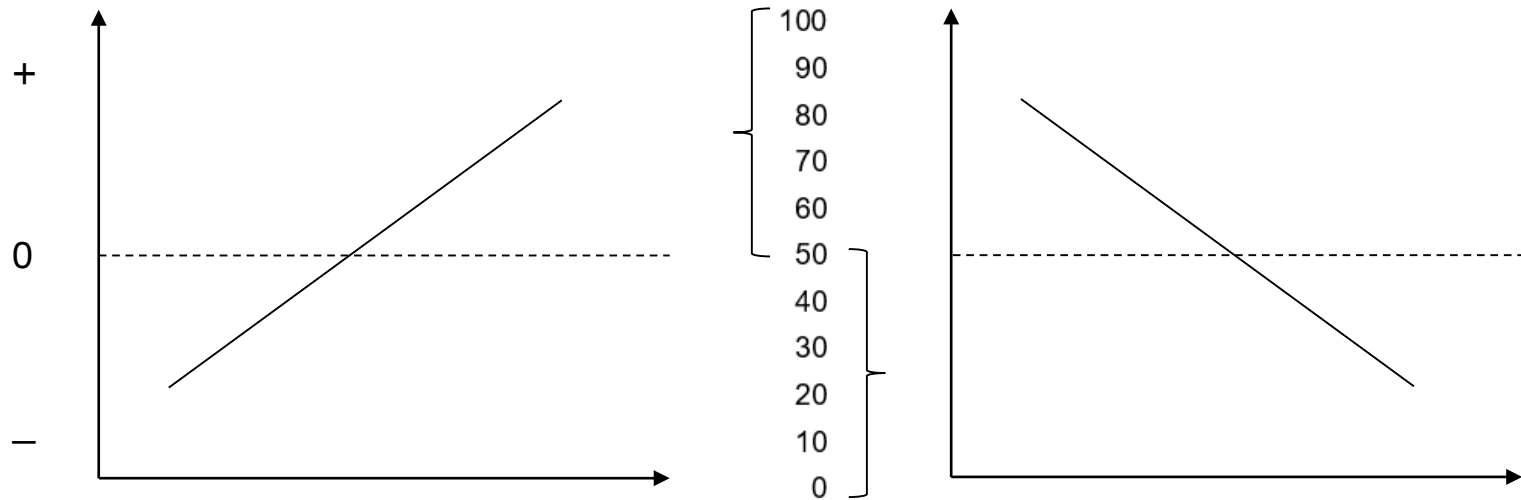
- ❖ Viis asustushierarhia taset
- ❖ Linnaregioonid 2011 administratiivjaotuse alusel
- ❖ Kandid

Koondumisindeks



$$MI = \frac{UM}{UM + DM} \times 1000$$

Koondumisindeks



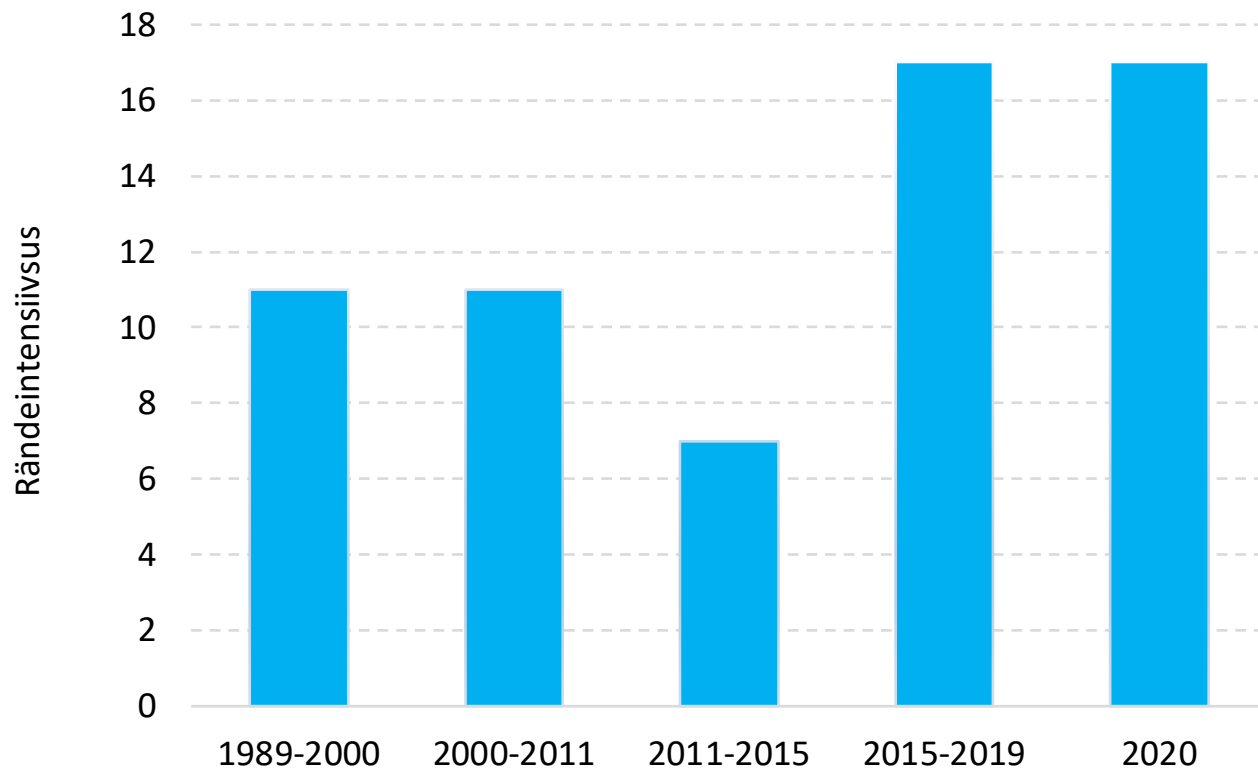
Linnastumine

Vastulinnastumine

$$MI = \frac{UM}{UM + DM} \times 1000$$

Rändeintensiivsus asustuse hierarhias

Rändeintensiivsus asustuse hierarhias, 1989–2020



Rändeintensiivsus asustuse hierarhias, 1989–2020

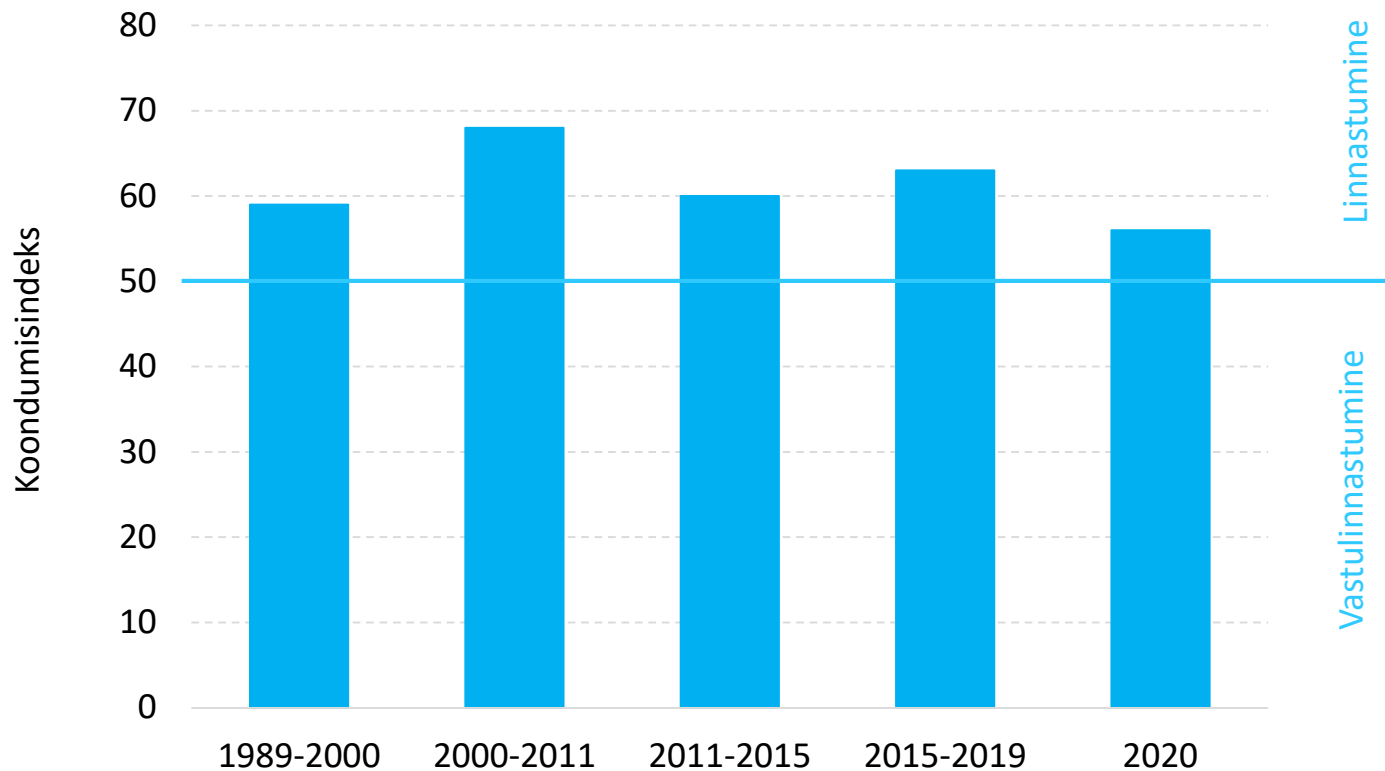
		1989- 2000	2000- 2011	2011- 2015	2015- 2019	2020
Kogurahvastik		11	11	7	17	17
Emakeel	Eesti	16	16	8	21	21
	Vene	5	6	4	10	10
Vanus	0-14	15	17	8	15	17
	15-29	18	19	14	37	37
	30-49	6	6	5	16	19
	50-64	5	4	3	9	9
	65+	6	5	2	6	5
Sugu	Mees	13	13	6	18	18
	Naine	11	12	7	17	16
Haridustase	Esimene	15	20	7	23	20
	Teine	10	10	6	18	17
	Kolmas	6	7	7	15	15
Amet	Kõrge	7	7	7	25	20
	Keskmine	5	8	6	24	20
	Madal	8	7	6	19	19



Linnastumine ja vastulinnastumine Eestis

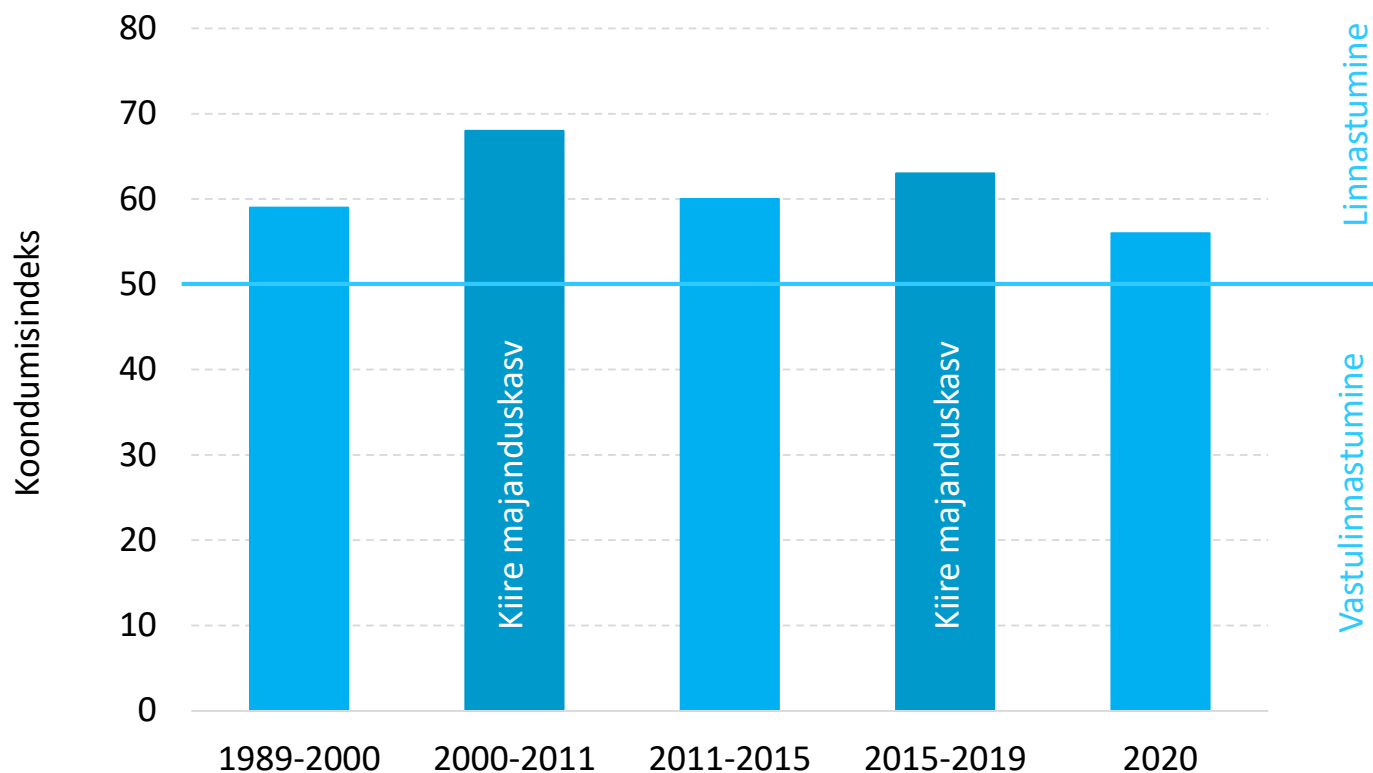
Eesti Geograafia Seltsi aastakoosolek
Tallinn, 10. aprill 2022

Koondumisindeks asustuse hierarhias, 1989–2020

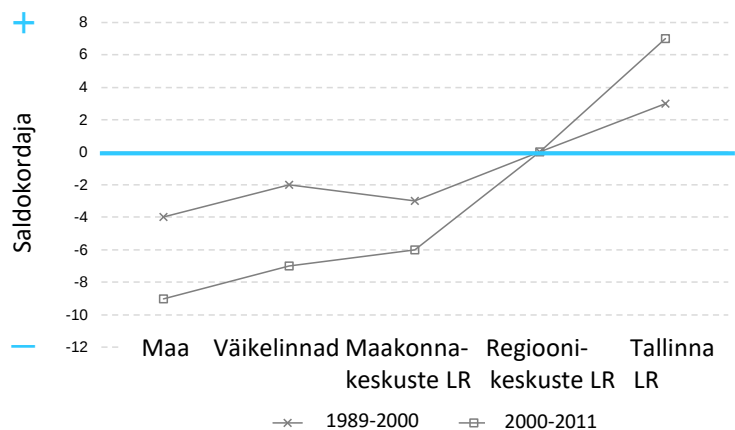


Koondumisindeks asustuse hierarhias, 1989–2020

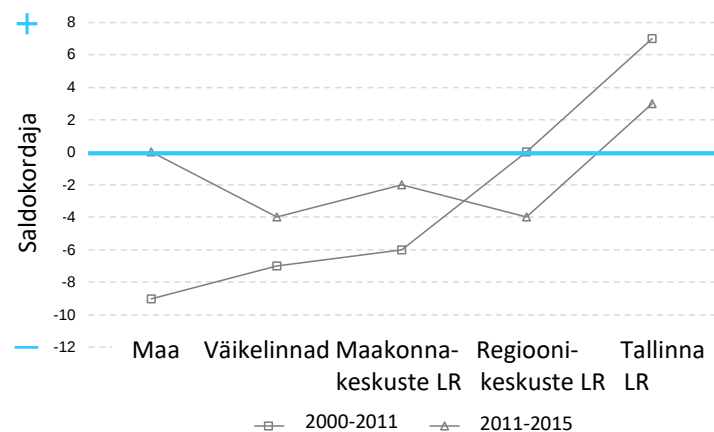
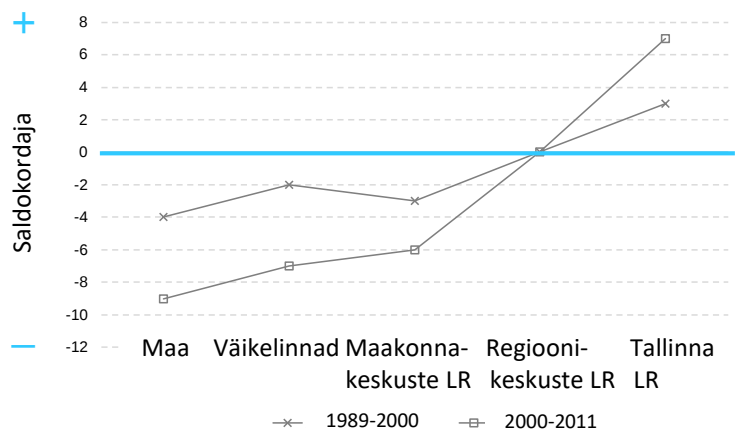
Linnastumine ja vastulinnastumine pulseerivad majanduskasvuga samas rütmis



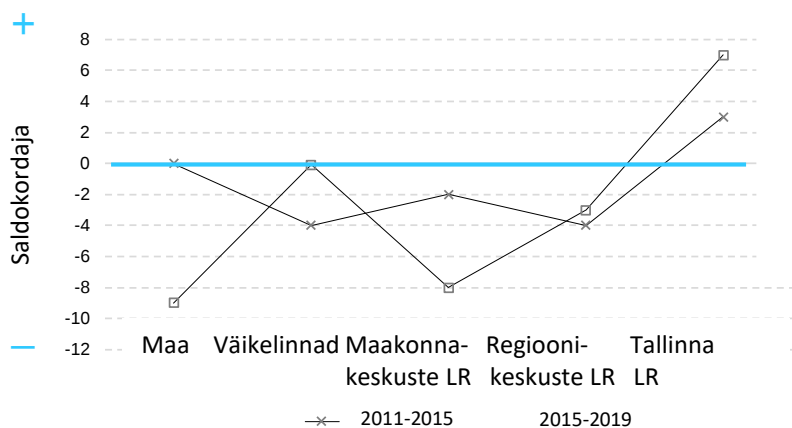
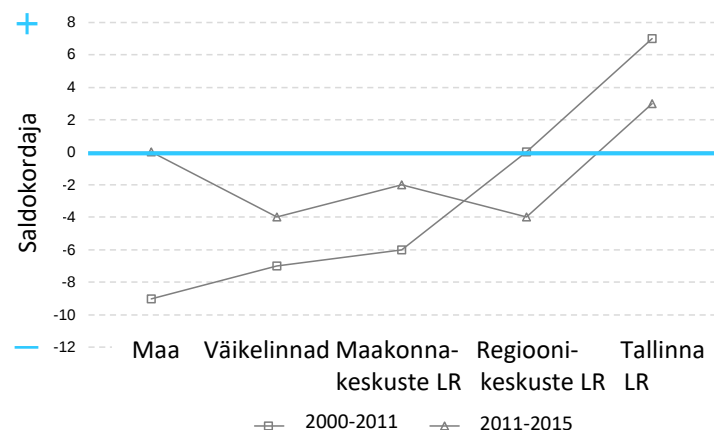
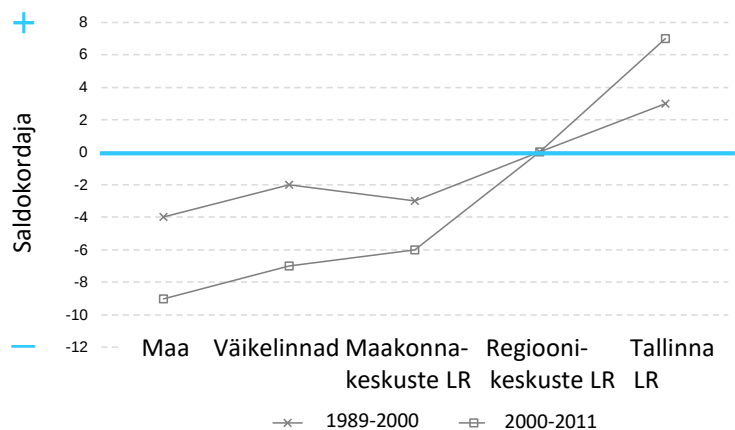
Rändesuunad asustuse hierarhias, 1989–2020



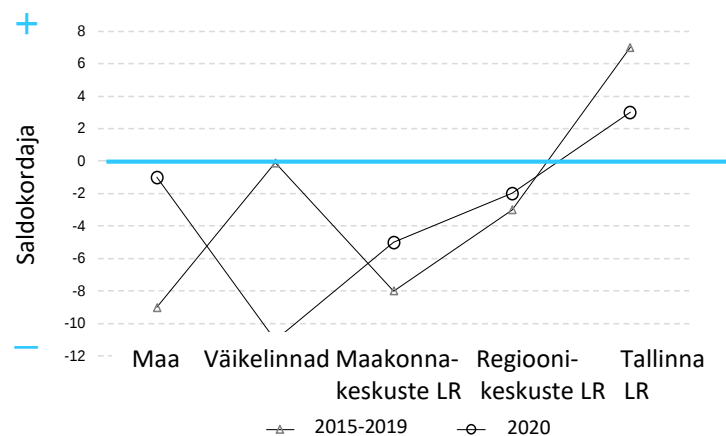
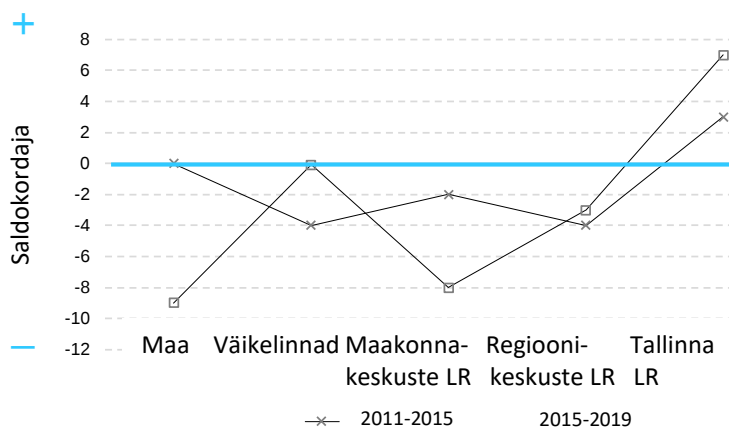
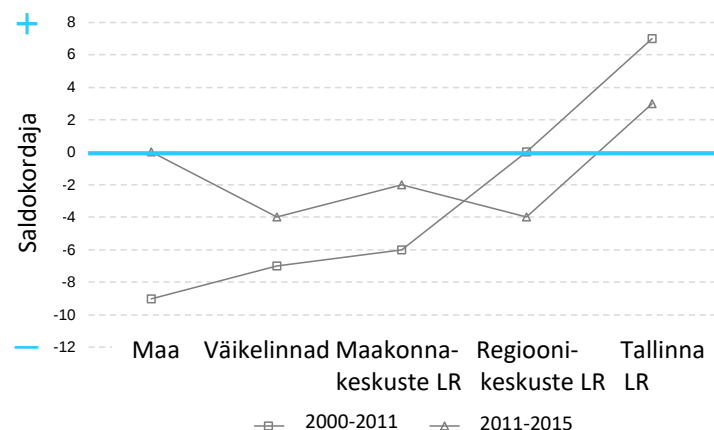
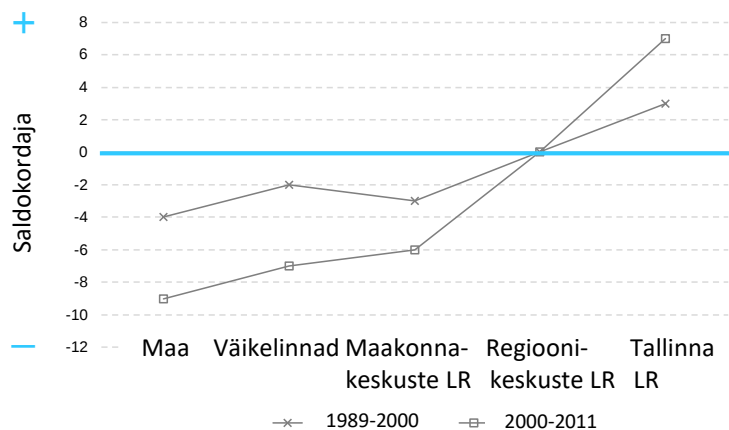
Rändesuunad asustuse hierarhias, 1989–2020



Rändesuunad asustuse hierarhias, 1989–2020



Rändesuunad asustuse hierarhias, 1989–2020



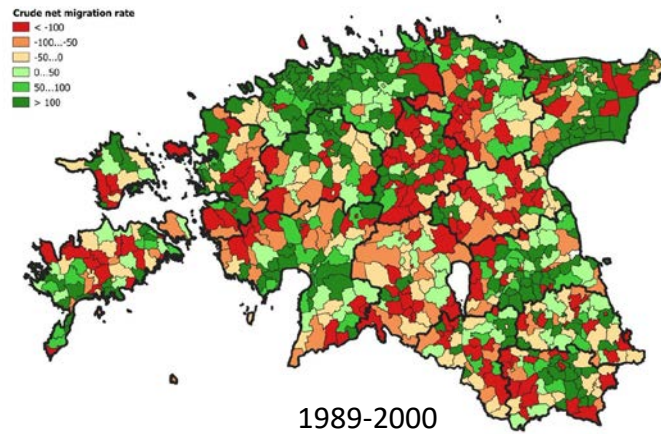
Koondumisindeks asustuse hierarhias, 1989–2020

		1989- 2000	2000- 2011	2011- 2015	2015- 2019	2020
Kogurahvastik		59	68	60	63	56
Emakeel	Eesti	60	67	56	62	54
	Vene	53	74	79	73	65
Vanus	0-14	73	79	54	53	47
	15-29	58	72	69	75	68
	30-49	45	57	51	57	53
	50-64	31	40	57	52	47
	65+	49	50	62	54	48
Sugu	Mees	57	67	56	63	56
	Naine	61	70	64	64	57
Haridustase	Esimene	65	77	65	67	58
	Teine	48	58	61	66	59
	Kolmas	52	58	57	65	55
Amet	Kõrge	52	58	51	71	57
	Keskmine	49	58	55	72	60
	Madaõ	46	55	60	65	60

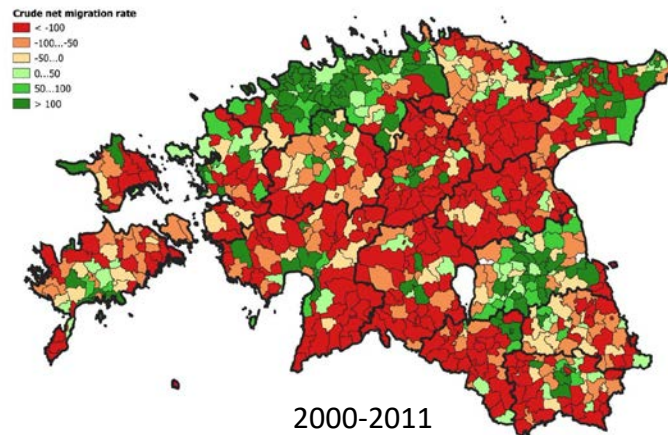
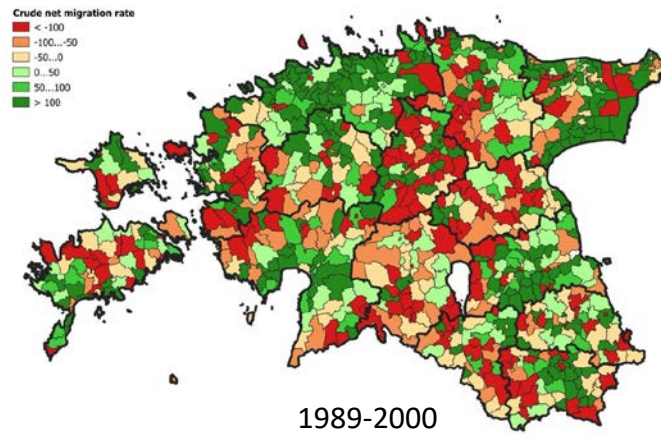


Maapiirkondade rände- geograafia

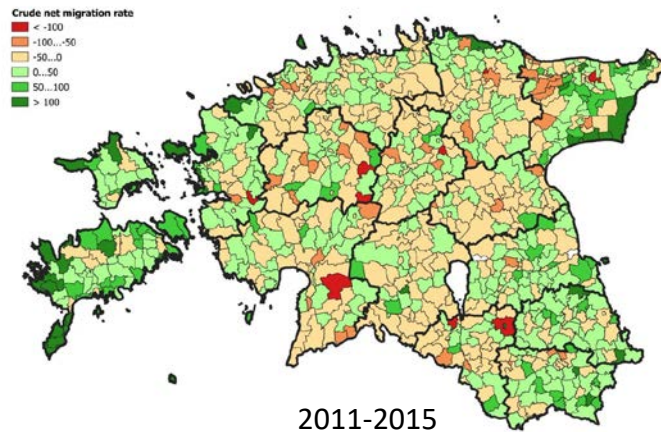
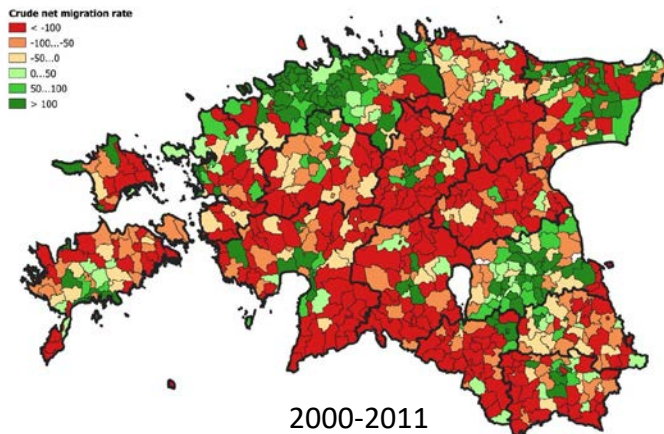
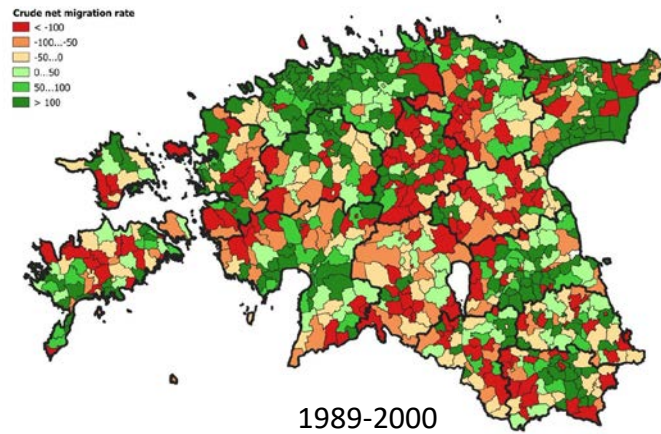
Eesti Geograafia Seltsi aastakoosolek
Tallinn, 10. aprill 2022



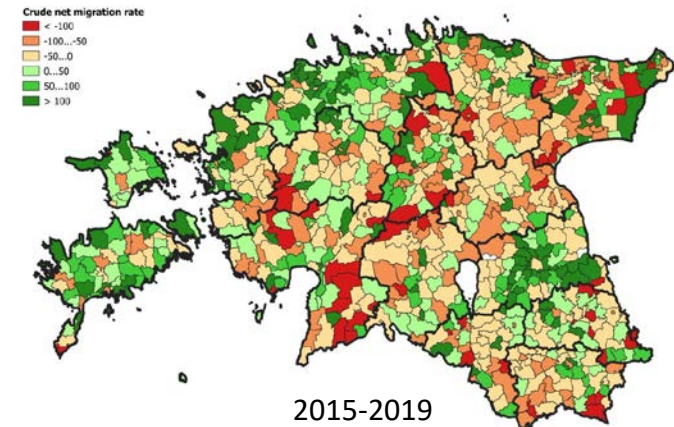
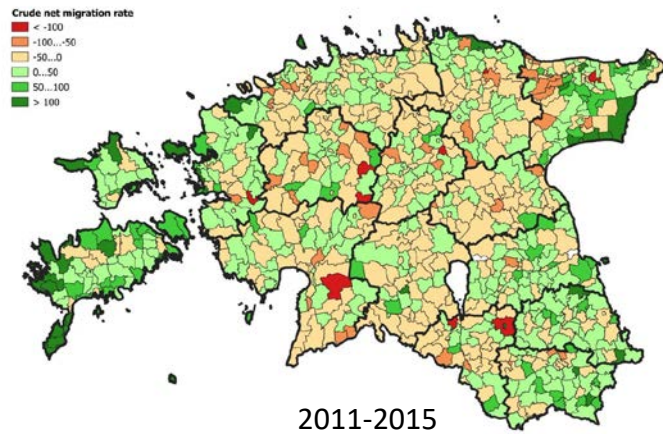
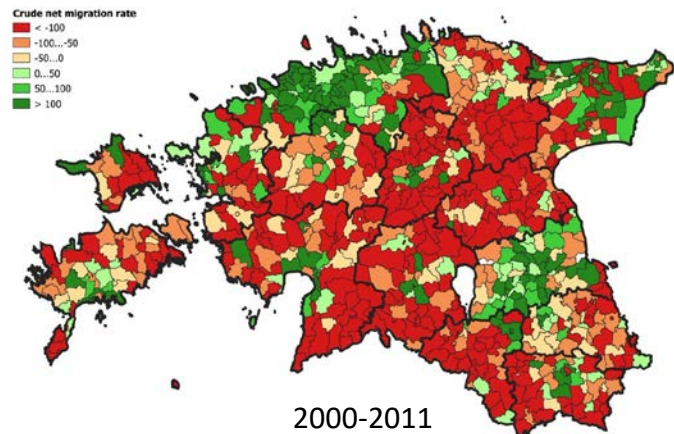
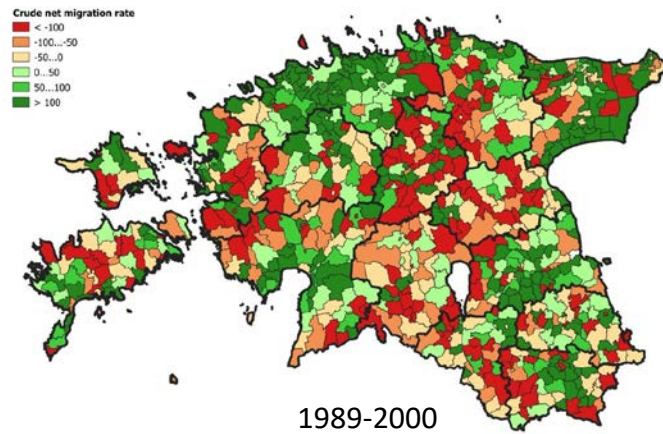
Kantide
rände-
saldo-
kordaja



Kantide
rände-
saldo-
kordaja



Kantide
rände-
saldo-
kordaja

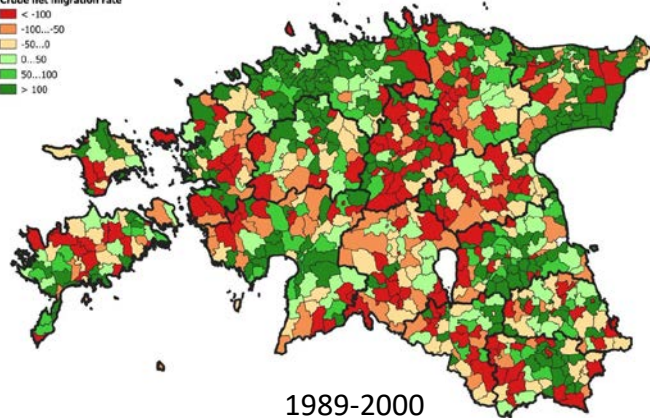


Kantide
rände-
saldo-
kordaja

Kantide rände- saldo- kordaja

Crude net migration rate

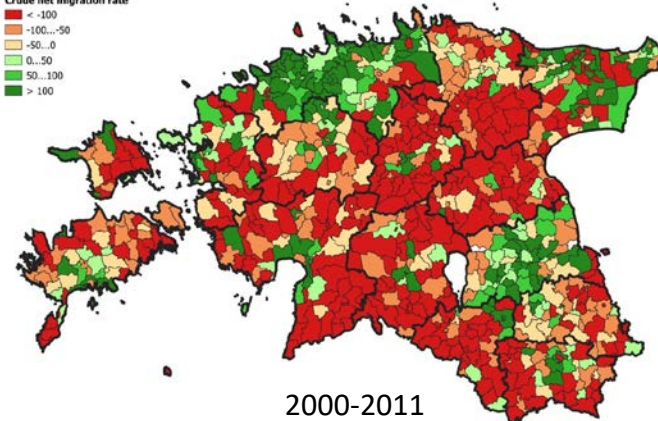
- < -100
- 100...-50
- 50...0
- 0...50
- 50...100
- > 100



1989-2000

Crude net migration rate

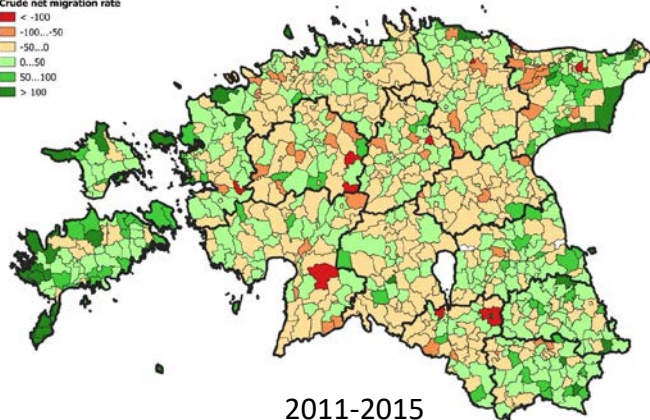
- < -100
- 100...-50
- 50...0
- 0...50
- 50...100
- > 100



2000-2011

Crude net migration rate

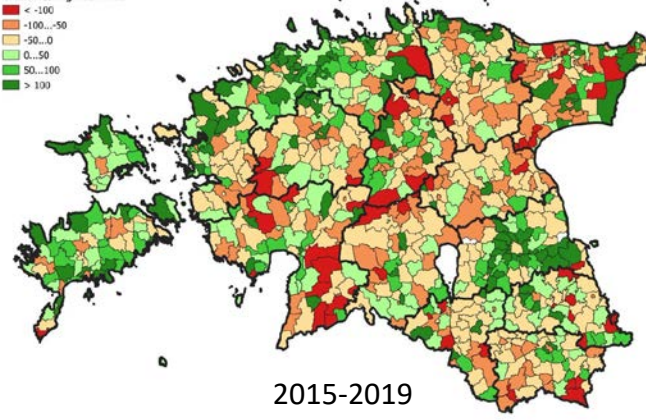
- < -100
- 100...-50
- 50...0
- 0...50
- 50...100
- > 100



2011-2015

Crude net migration rate

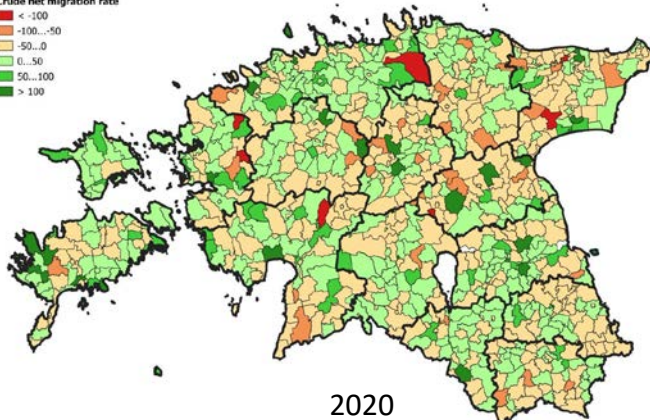
- < -100
- 100...-50
- 50...0
- 0...50
- 50...100
- > 100



2015-2019

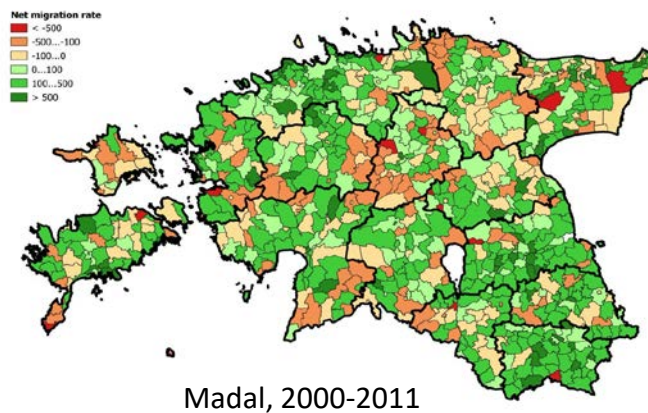
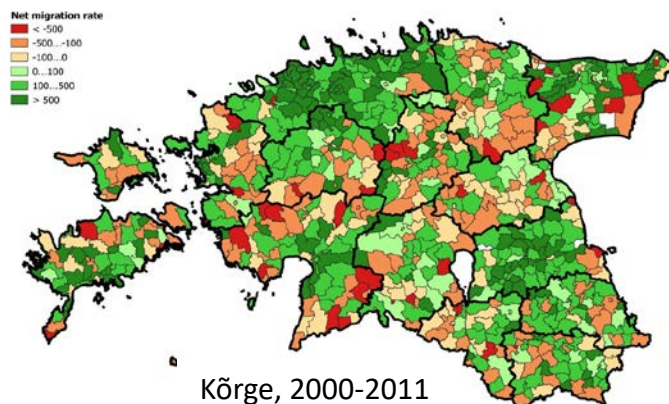
Crude net migration rate

- < -100
- 100...-50
- 50...0
- 0...50
- 50...100
- > 100

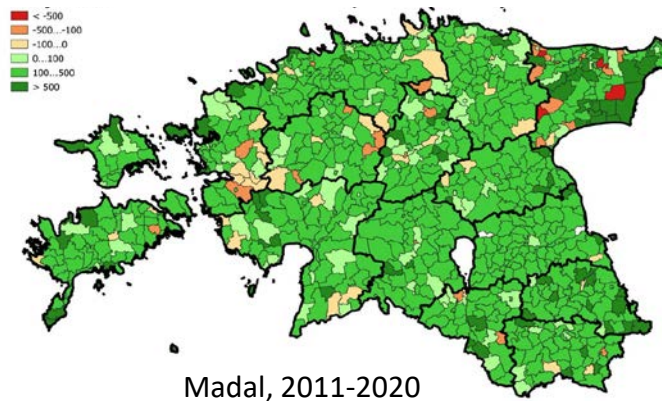
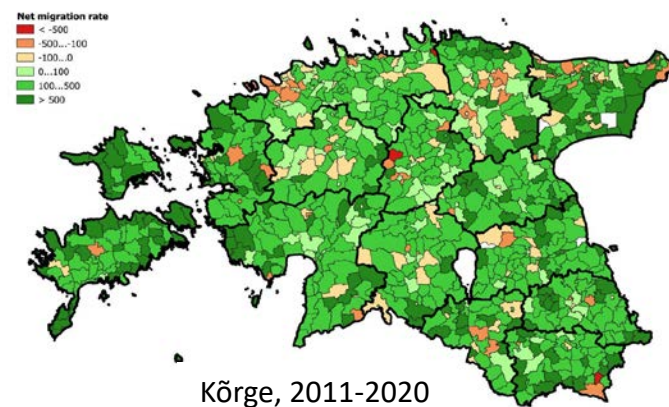
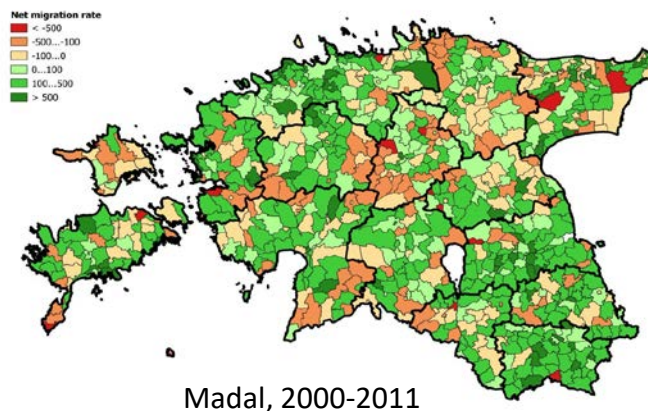
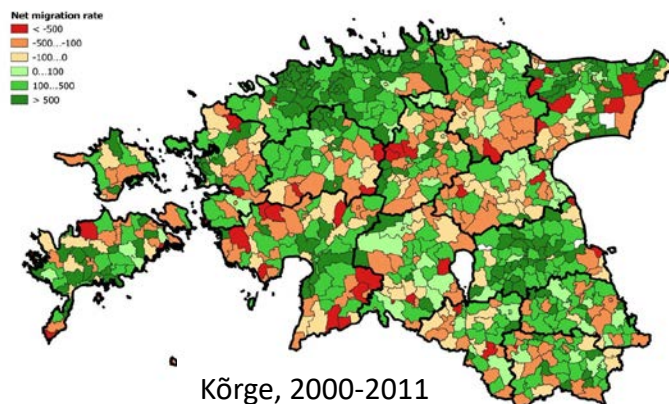


2020

Kantide rändesaldokordaja ameti aluse



Kantide rändesaldokordaja ameti aluse





Kokkuvõtteks

❖ Järgilinnastumine

- ❖ 30-aasta perioodi jooksul on olnud valdav linnastumine, eriti ränne Tallinnasse
- ❖ Tingitud noorte täisealiste rändest
- ❖ Rändeeas suured noorte täisealiste põlvkonnad

❖ Vastulinnastumine

- ❖ Süvenenud aeglasema majanduskasvu ajal, sh pandeemia ajal
- ❖ Tingitud 30+ vanuste ja perede rändest, eriti pandeemia ajal
- ❖ Süvenenud haritumate ja kõrgema sissetulekuga inimeste seas

Suur tänu!

Tiit Tammaru

Tartu Ülikool

Teaduste Akadeemia uurija-professor

Koostöös: Kadi Kalm, Jaak Kliimask, Jānis Zālīte