

# Vienlīdzība un pareiza nodokļu sistēma Latvijā un pasaulē

**Gints Turlajs**

Ģenerāldirektors

Smart Continent LV Ekoterm SIA

Latvijas Republikas Saeima

Konference

“Kāds progresīvais nodoklis ir vajadzīgs Latvijā?”

05.06.2015.



## Main challenges

---

### **1. Reducing income inequality**

- Spending on social programmes is low and not targeted enough.
- The tax system weighs on employment and is weakened by informality.

### **2. Raising productivity and ensuring robust convergence**

- Deficiencies in the business environment undermine productivity growth.
- The vocational education and lifelong learning systems do not fully provide the skills needed.

### **3. Limiting the risk of repeated boom and bust cycles**

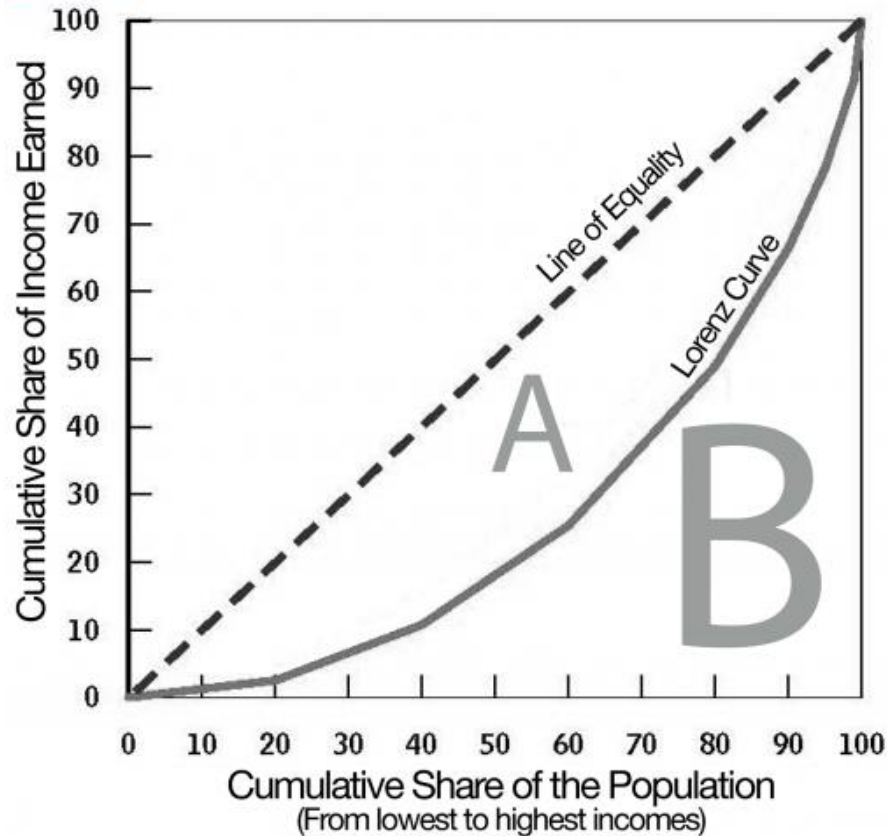
- The economy is volatile and vulnerable to external shocks.

# Nevienlīdzība un nodokļu sistēma

- Nevienlīdzība pasaulē ir vēsturiski rekordaugsta un augoša, kāda vēsturiski nav bijusi, pašlaik ļoti aktuāla tēma, pasaules labākie ekonomisti to ļoti intensīvi pēta.
- Notiek zināma konverģence starp valstīm, bet kopējā tendence ir uz nevienlīdzības palielināšanos.
- Iemesli:
  - *t.s. network economy*, vienotā standarta nozīme, līdz ar ko uzvar daži uzņēmumi (piemēram, facebook, google, utt.);
  - darba automatizācija, vienkāršais darbaspēks vairs nav nepieciešams;
  - ekonomikas doktrīnas 1990tajos gados: t.s. Washington consensus, neoliberālās idejas – to autori un piekritēji lielā mērā jau ir mainījuši viedokli un kaunās par tā laika nostāju.
- Iespēju ko darīt nav daudz: mazināt nevienlīdzību jau iekasējot nodokļus, un izmantot iekasētos nodokļus sociāliem mērķiem.
- Vairāki izcili ekonomisti ir pratuši pierādīt, ka nodokļi būtiski neietekmē ekonomisko aktivitāti un ir laba iespēja pārdalīt labklājību.

# Džini (GINI) koeficients

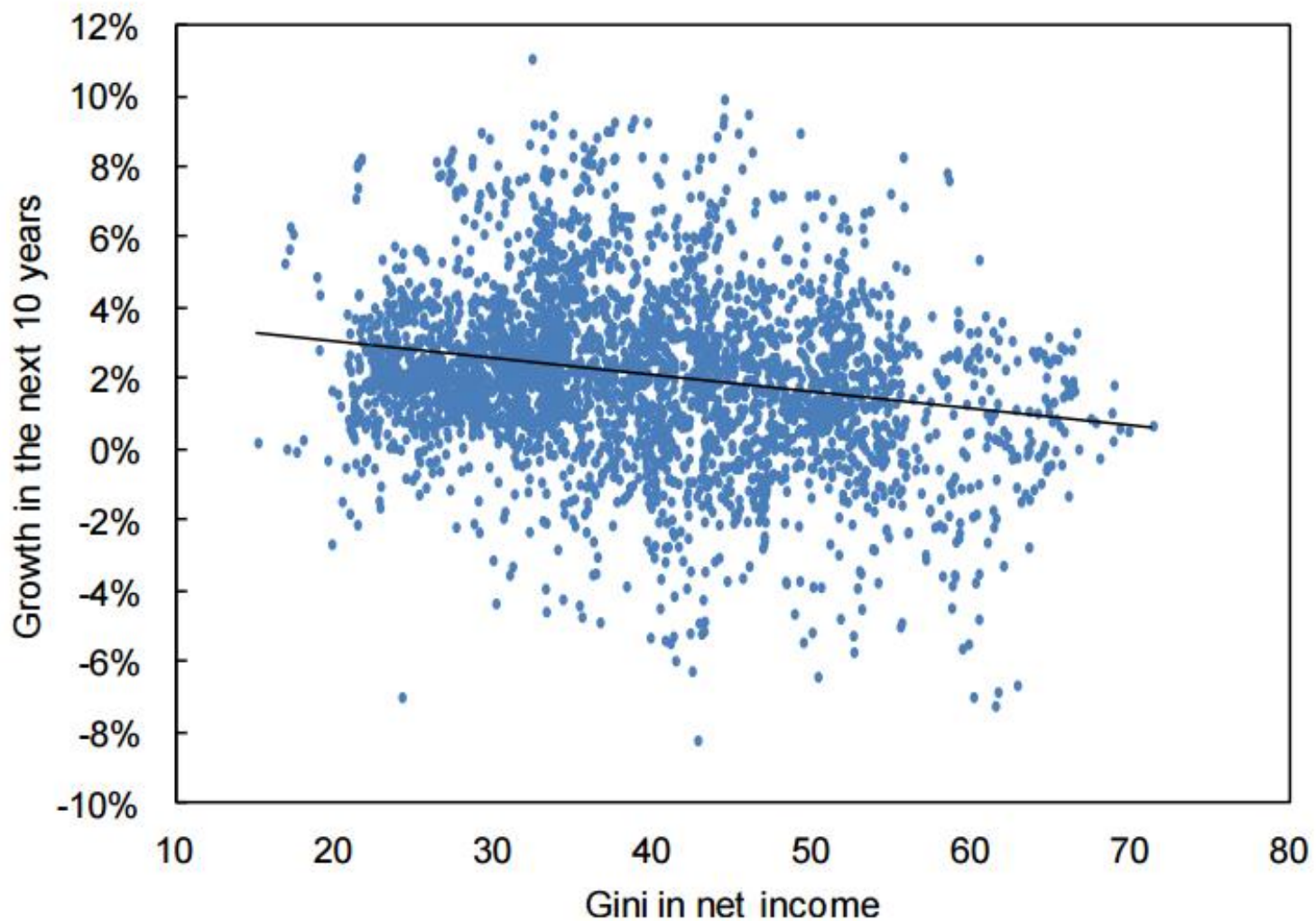
Our World in Data Graphical Representation of the Gini Coefficient:  $Gini = A / (A + B)$



The author Max Roser licensed this visualisation under a CC BY-SA license. You are welcome to share but please refer to its original source where you find more information: <http://www.ourworldindata.org/data/growth-and-distribution-of-prosperity/income-inequality>

Avots: <http://ourworldindata.org/data/growth-and-distribution-of-prosperity/income-inequality/>

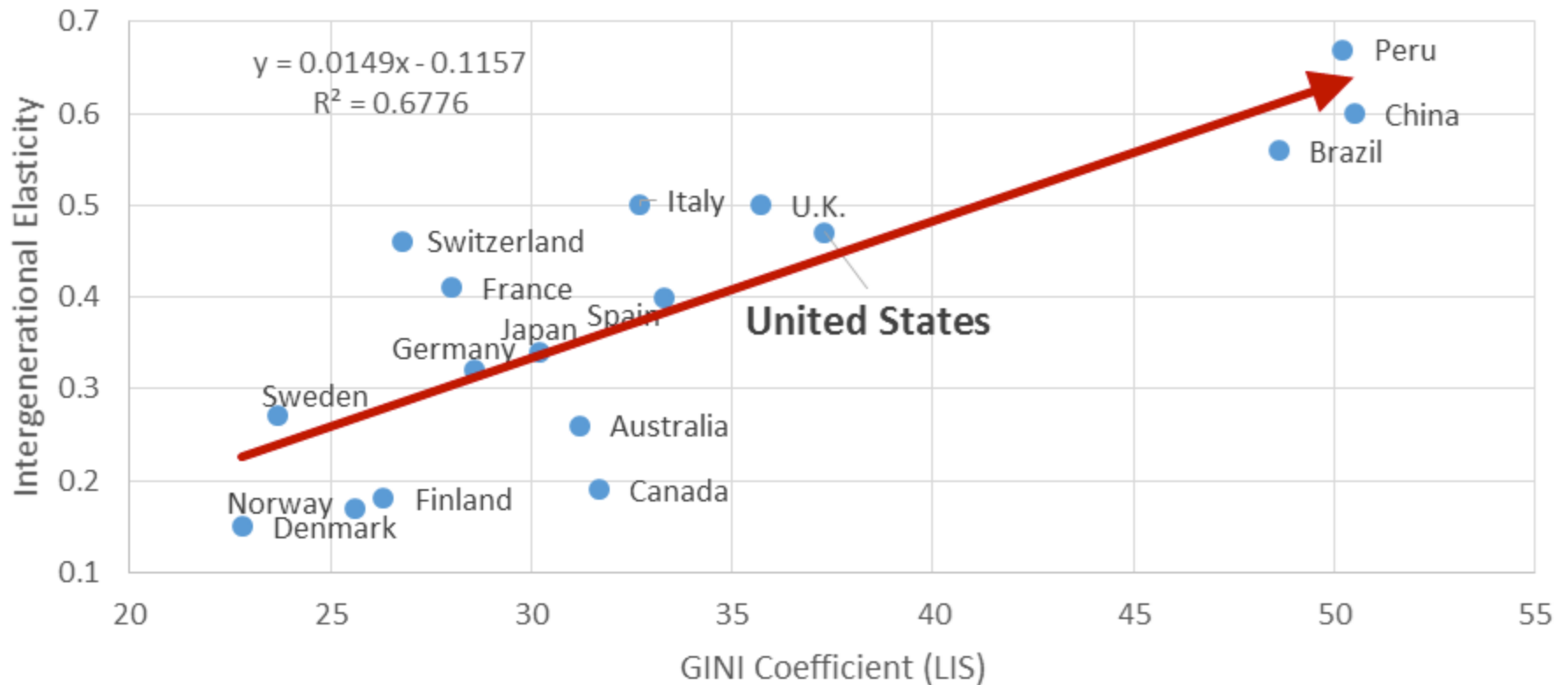
# Negatīva sakarība starp GINI mērīto nevienlīdzību un ekonomikas izaugsmi



Avots: IMF, Jonathan D. Ostry, Andrew Berg, and Charalambos G. Tsangarides

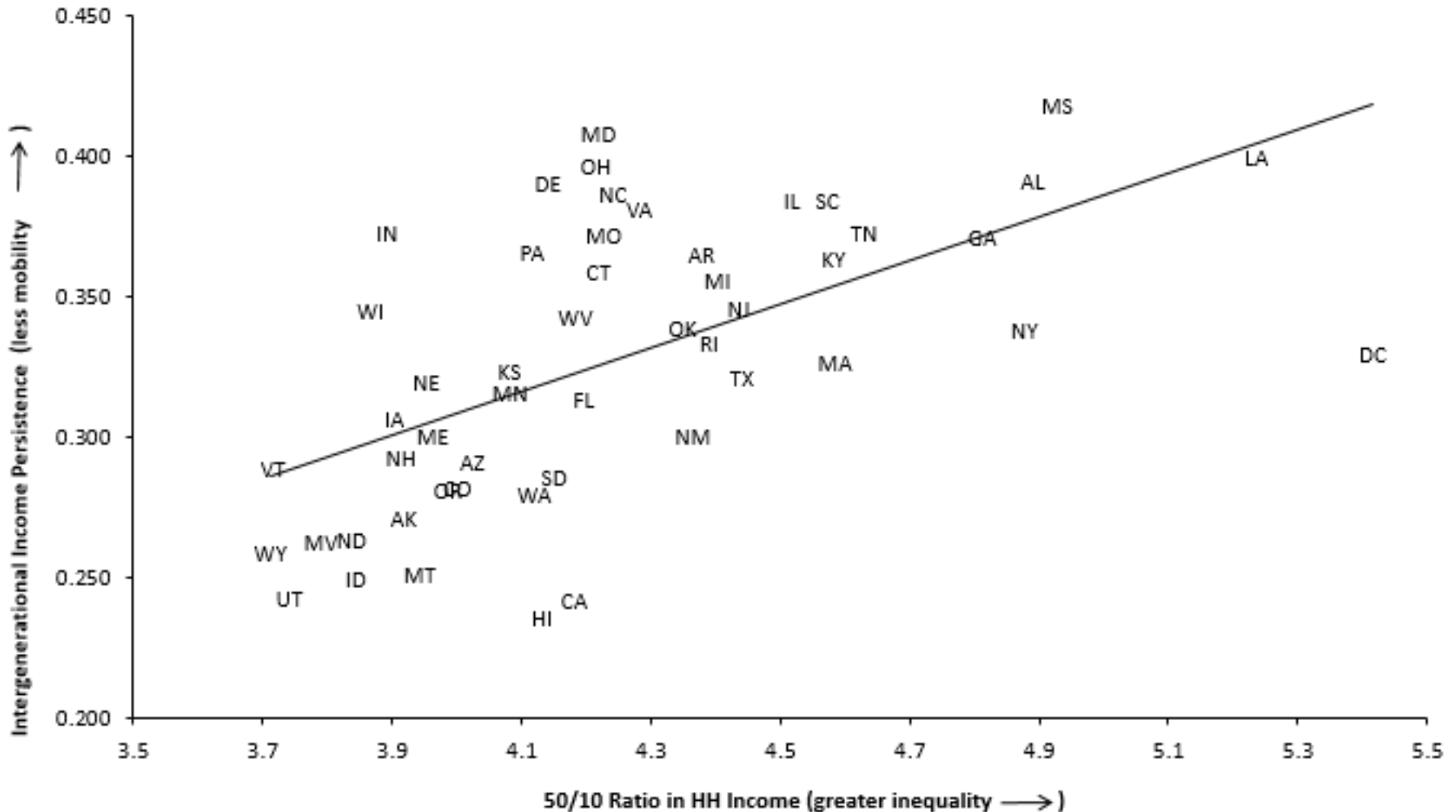
# Saikne starp vecāku un bērnu ienākumiem un GINI koeficients jeb «Great Gatsby curve»

## Relationship between Economic Inequality and Mobility across Countries



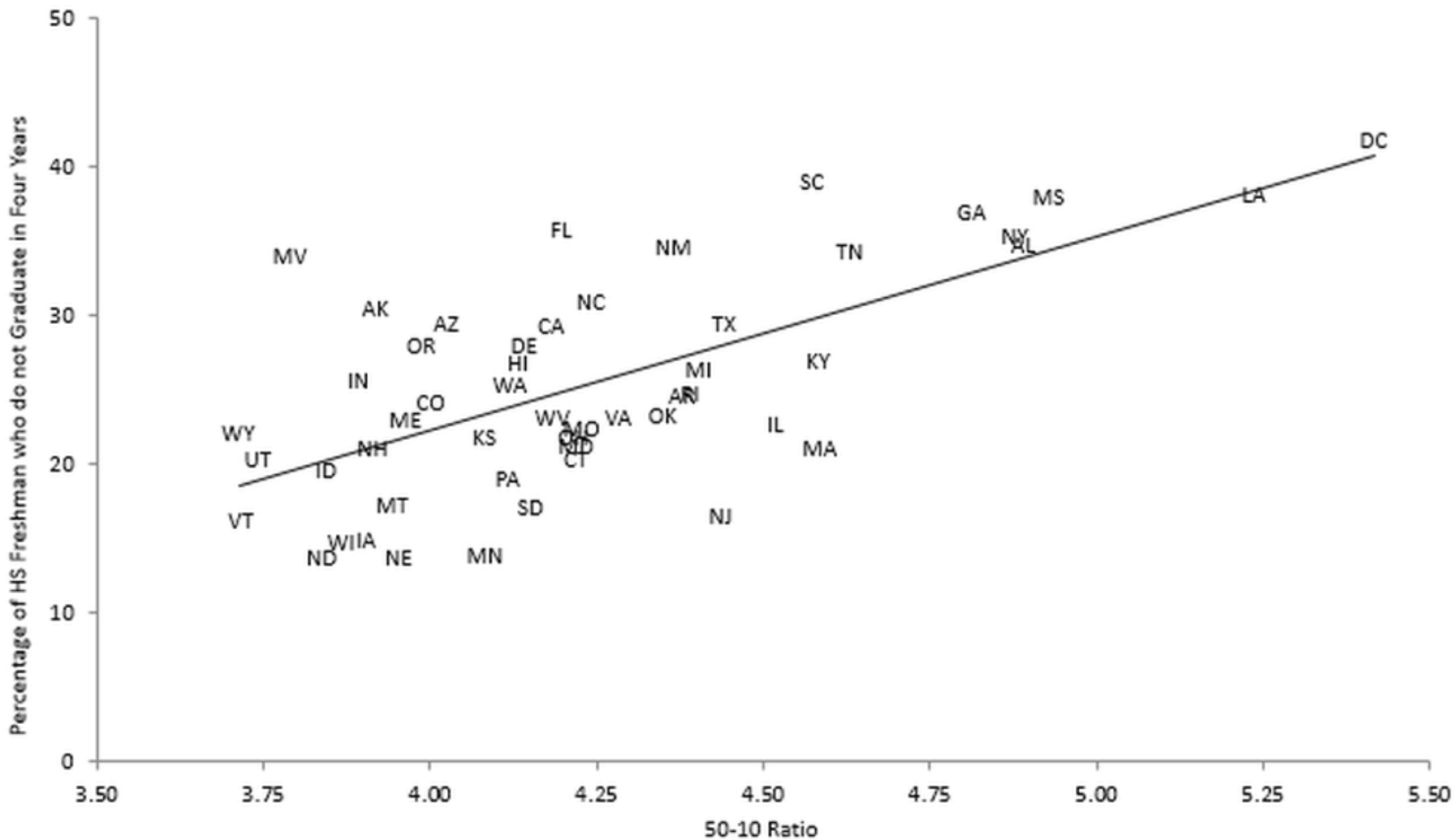
Avots: Carter C. Price, PhD, Washington Centre for Equitable Growth

## Saistība starppaudžu ienākumu korelācijai un ienākumu nevienlīdzībai ASV štatos



Avots: World Economic Forum, Melissa S. Kearney un Phillip Levine

# Saistība starp vidusskolu nebeigušo īpatsvaru un ienākumu nevienlīdzību ASV štatos



Avots: World Economic Forum, Melissa S. Kearney un Phillip Levine



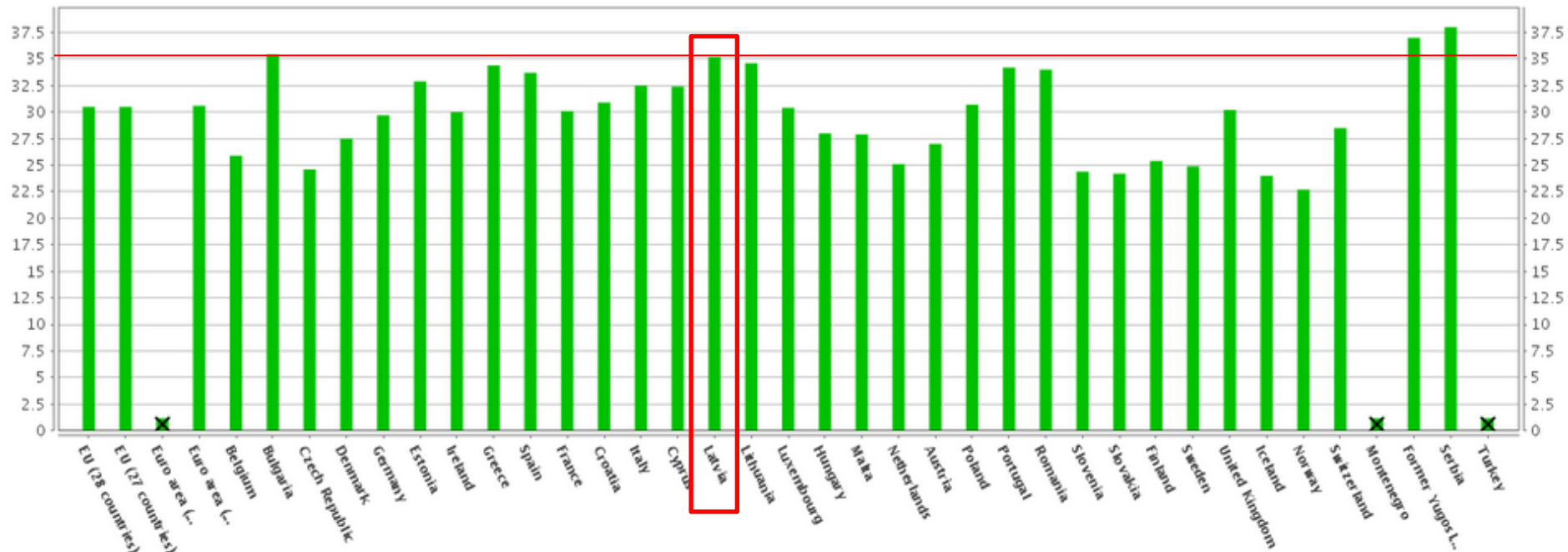
# Arī ASV nodokļu sistēma ir ļoti progresīva

**Table 4.5. Alternative measures of progressivity of taxes in selected OECD countries, mid-2000s**

	B. Percentage share of richest decile		
	1. Share of taxes of richest decile	2. Share of market income of richest decile	3. Ratio of shares for richest decile (1/2)
Australia	36.8	28.6	1.29
Austria	28.5	26.1	1.10
Belgium	25.4	27.1	0.94
Canada	35.8	29.3	1.22
Czech Republic	34.3	29.4	1.17
Denmark	26.2	25.7	1.02
Finland	32.3	26.9	1.20
France	28.0	25.5	1.10
Germany	31.2	29.2	1.07
Iceland	21.6	24.0	0.90
Ireland	39.1	30.9	1.26
Italy	42.2	35.8	1.18
Japan	28.5	28.1	1.01
Korea	27.4	23.4	1.17
Luxembourg	30.3	26.4	1.15
Netherlands	35.2	27.5	1.28
New Zealand	35.9	30.3	1.19
Norway	27.4	28.9	0.95
Poland	28.3	33.9	0.84
Slovak Republic	32.0	28.0	1.14
Sweden	26.7	26.6	1.00
Switzerland	20.9	23.5	0.89
United Kingdom	38.6	32.3	1.20
United States	45.1	33.5	1.35
OECD-24	31.6	28.4	1.11

Source: Computations based on OECD income distribution questionnaire.

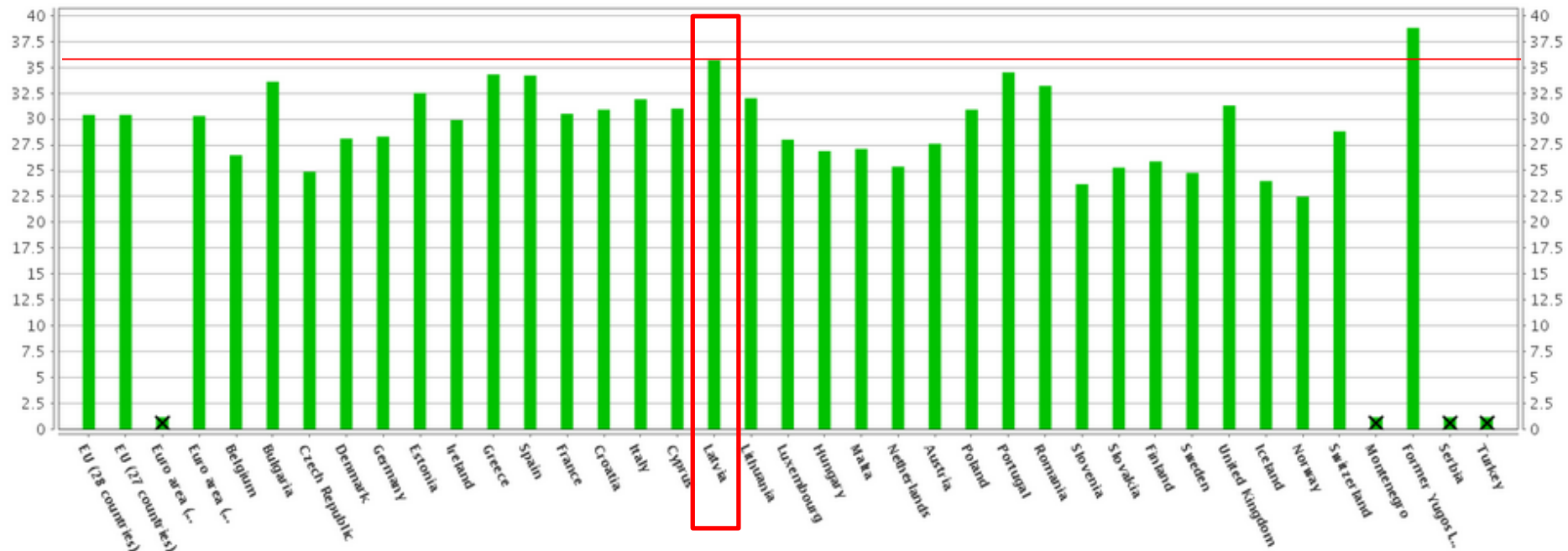
# Džini (Gini) koeficients 2013



Latvija #2 ES aiz Bulgārijas

Avots: Eurostat

# Džini (Gini) koeficients 2012

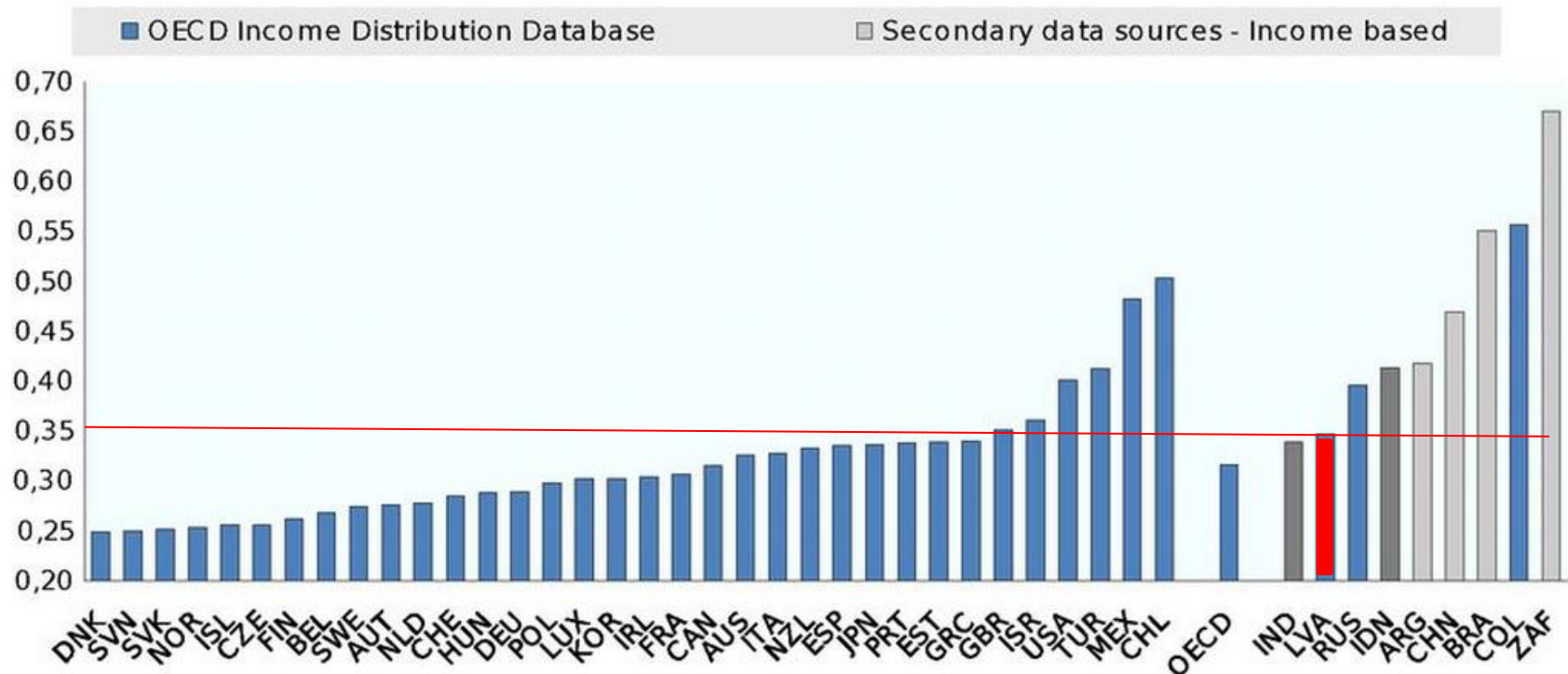


Latvija #1 ES

Avots: Eurostat

# Džini (Gini) koeficients, OECD dati

**Figure 1.1. Income inequality varies greatly across OECD countries and emerging economies**  
 Level of income inequality (Gini coefficient), 2013 or latest available year



Avots: OECD, In It Together: Why Less Inequality Benefits All

# Kopējais nodokļu slogs darbaspēkam un patēriņam %

Implicit tax rates\*

	Labour			Consumption		
	2002	2011	2012	2002	2011	2012
<b>EU28**</b>	<b>35.5</b>	<b>35.8</b>	<b>36.1</b>	<b>19.7</b>	<b>19.9</b>	<b>19.9</b>
<b>EA18**</b>	<b>37.8</b>	<b>37.7</b>	<b>38.5</b>	<b>19.4</b>	<b>19.3</b>	<b>19.3</b>
Belgium	43.3	42.9	42.8	21.4	21.0	21.1
Bulgaria	33.4	24.2	24.5	16.6	21.1	21.5
Czech Republic	41.3	39.0	38.8	18.4	21.8	22.5
Denmark	38.8	34.3	34.4	33.7	31.4	30.9
Germany	38.7	37.3	37.8	18.9	20.0	19.8
Estonia	37.8	35.7	35.0	19.9	25.8	26.0
Ireland	26.0	28.2	28.7	24.4	21.4	21.9
Greece	34.0	30.9	38.0	16.1	16.3	16.2
Spain	32.1	32.9	33.5	15.5	14.1	14.0
France	38.7	38.8	39.5	20.5	19.7	19.8
Croatia	29.5	29.7	29.2	30.1	27.9	29.1
Italy	41.9	42.3	42.8	17.8	17.4	17.7
Cyprus	22.3	26.8	28.8	15.0	17.6	17.6
<b>Latvia</b>	<b>37.8</b>	<b>33.3</b>	<b>33.0</b>	<b>17.0</b>	<b>17.2</b>	<b>17.4</b>
Lithuania	38.1	31.5	31.9	17.9	18.2	17.4
Luxembourg	28.4	32.5	32.9	22.6	28.0	28.9
Hungary	41.2	38.2	39.8	25.0	26.8	28.1
Malta	22.4	22.5	23.3	16.3	18.9	18.7
Netherlands	31.5	37.5	38.5	23.3	24.8	24.5
Austria	40.8	40.8	41.5	22.5	21.2	21.3
Poland	32.4	32.0	33.9	17.9	20.8	19.3
Portugal	22.8	25.4	25.4	18.8	18.2	18.1
Romania	31.2	33.0	30.4	16.2	20.3	20.9
Slovenia	37.7	35.3	35.6	23.7	22.9	23.4
Slovakia	36.7	31.6	32.3	18.7	18.3	16.7
Finland	43.8	39.5	40.1	27.7	26.4	26.4
Sweden	43.8	38.9	38.6	27.0	27.3	26.5
United Kingdom	24.4	25.8	25.2	18.4	19.3	19.0
Iceland	:	:	:	25.8	24.8	24.5
Norway		36.4	36.4	29.7	29.2	29.4

\* Implicit tax rates (ITR) express aggregate tax revenues as a percentage of the potential tax base for each field (see footnote 4).

\*\* EU28 and EA18 aggregates are calculated as GDP-weighted averages of the Member States.

: Data not available

Avots:  
Eurostat

# Nodokļu ieņēmumi pa grupām kā % no IKP

## Tax revenue

	Tax revenue, % of GDP			Tax revenue by type of tax base as a % of total tax revenue*:								
	2002	2011	2012	Labour			Consumption			Capital		
				2002	2011	2012	2002	2011	2012	2002	2011	2012
<b>EU28**</b>	<b>38.8</b>	<b>38.8</b>	<b>39.4</b>	<b>50.8</b>	<b>50.9</b>	<b>51.0</b>	<b>28.8</b>	<b>28.9</b>	<b>28.5</b>	<b>20.7</b>	<b>20.4</b>	<b>20.8</b>
<b>EA18**</b>	<b>39.5</b>	<b>39.5</b>	<b>40.4</b>	<b>53.0</b>	<b>53.3</b>	<b>53.3</b>	<b>27.4</b>	<b>27.3</b>	<b>26.8</b>	<b>19.8</b>	<b>19.8</b>	<b>20.2</b>
<b>Belgium</b>	<b>45.2</b>	<b>44.2</b>	<b>45.4</b>	<b>54.9</b>	<b>54.6</b>	<b>53.9</b>	<b>24.2</b>	<b>24.1</b>	<b>23.7</b>	<b>20.6</b>	<b>20.8</b>	<b>22.0</b>
<b>Bulgaria</b>	<b>28.5</b>	<b>27.3</b>	<b>27.9</b>	<b>41.8</b>	<b>33.8</b>	<b>32.9</b>	<b>41.6</b>	<b>51.9</b>	<b>53.3</b>	<b>16.6</b>	<b>14.3</b>	<b>13.8</b>
<b>Czech Republic</b>	<b>34.6</b>	<b>34.6</b>	<b>35.0</b>	<b>52.9</b>	<b>51.9</b>	<b>51.7</b>	<b>27.9</b>	<b>32.9</b>	<b>33.4</b>	<b>19.3</b>	<b>15.2</b>	<b>14.9</b>
<b>Denmark</b>	<b>47.9</b>	<b>47.7</b>	<b>48.1</b>	<b>54.5</b>	<b>51.3</b>	<b>51.0</b>	<b>33.0</b>	<b>31.5</b>	<b>31.0</b>	<b>12.8</b>	<b>17.6</b>	<b>18.4</b>
<b>Germany</b>	<b>38.9</b>	<b>38.5</b>	<b>39.1</b>	<b>60.7</b>	<b>56.0</b>	<b>56.6</b>	<b>26.8</b>	<b>28.2</b>	<b>27.6</b>	<b>12.5</b>	<b>15.8</b>	<b>15.9</b>
<b>Estonia</b>	<b>31.0</b>	<b>32.3</b>	<b>32.5</b>	<b>54.5</b>	<b>52.1</b>	<b>51.0</b>	<b>38.4</b>	<b>41.3</b>	<b>41.9</b>	<b>7.1</b>	<b>6.6</b>	<b>7.1</b>
<b>Ireland</b>	<b>28.3</b>	<b>28.2</b>	<b>28.7</b>	<b>35.3</b>	<b>43.0</b>	<b>42.7</b>	<b>38.8</b>	<b>34.8</b>	<b>34.8</b>	<b>26.0</b>	<b>22.2</b>	<b>22.5</b>
<b>Greece</b>	<b>33.7</b>	<b>32.4</b>	<b>33.7</b>	<b>38.3</b>	<b>36.5</b>	<b>41.9</b>	<b>36.7</b>	<b>38.6</b>	<b>36.3</b>	<b>25.0</b>	<b>25.0</b>	<b>21.8</b>
<b>Spain</b>	<b>34.1</b>	<b>31.8</b>	<b>32.5</b>	<b>48.1</b>	<b>55.0</b>	<b>53.0</b>	<b>27.7</b>	<b>26.8</b>	<b>26.5</b>	<b>25.7</b>	<b>20.9</b>	<b>22.9</b>
<b>France</b>	<b>43.3</b>	<b>43.7</b>	<b>45.0</b>	<b>51.5</b>	<b>52.3</b>	<b>52.3</b>	<b>26.2</b>	<b>25.2</b>	<b>24.7</b>	<b>22.9</b>	<b>23.2</b>	<b>23.6</b>
<b>Croatia</b>	<b>37.9</b>	<b>35.3</b>	<b>35.7</b>	<b>38.9</b>	<b>41.4</b>	<b>40.7</b>	<b>50.5</b>	<b>47.3</b>	<b>49.1</b>	<b>10.7</b>	<b>11.3</b>	<b>10.3</b>
<b>Italy</b>	<b>40.5</b>	<b>42.4</b>	<b>44.0</b>	<b>49.9</b>	<b>52.0</b>	<b>51.1</b>	<b>26.1</b>	<b>25.3</b>	<b>24.7</b>	<b>23.9</b>	<b>22.7</b>	<b>24.2</b>
<b>Cyprus</b>	<b>30.9</b>	<b>35.3</b>	<b>35.3</b>	<b>32.5</b>	<b>35.7</b>	<b>37.1</b>	<b>38.5</b>	<b>36.2</b>	<b>36.8</b>	<b>29.0</b>	<b>28.1</b>	<b>26.1</b>
<b>Latvia</b>	<b>28.6</b>	<b>27.6</b>	<b>27.9</b>	<b>51.7</b>	<b>50.0</b>	<b>49.0</b>	<b>36.7</b>	<b>38.3</b>	<b>38.4</b>	<b>11.6</b>	<b>11.7</b>	<b>12.6</b>
<b>Lithuania</b>	<b>29.1</b>	<b>27.4</b>	<b>27.2</b>	<b>50.8</b>	<b>46.4</b>	<b>46.5</b>	<b>40.1</b>	<b>41.1</b>	<b>39.8</b>	<b>9.7</b>	<b>12.7</b>	<b>13.9</b>
<b>Luxembourg</b>	<b>39.3</b>	<b>38.2</b>	<b>39.3</b>	<b>38.5</b>	<b>44.2</b>	<b>44.3</b>	<b>27.3</b>	<b>27.8</b>	<b>28.1</b>	<b>34.2</b>	<b>28.0</b>	<b>27.5</b>
<b>Hungary</b>	<b>38.0</b>	<b>37.3</b>	<b>39.2</b>	<b>50.3</b>	<b>47.3</b>	<b>46.4</b>	<b>37.0</b>	<b>39.1</b>	<b>40.0</b>	<b>12.6</b>	<b>13.6</b>	<b>13.5</b>
<b>Malta</b>	<b>30.0</b>	<b>33.0</b>	<b>33.6</b>	<b>36.9</b>	<b>33.5</b>	<b>34.6</b>	<b>39.3</b>	<b>40.2</b>	<b>38.8</b>	<b>23.8</b>	<b>26.3</b>	<b>26.6</b>
<b>Netherlands</b>	<b>37.7</b>	<b>38.6</b>	<b>39.0</b>	<b>49.7</b>	<b>56.3</b>	<b>57.5</b>	<b>30.2</b>	<b>28.8</b>	<b>28.3</b>	<b>20.1</b>	<b>14.9</b>	<b>14.2</b>
<b>Austria</b>	<b>43.6</b>	<b>42.2</b>	<b>43.1</b>	<b>55.2</b>	<b>56.7</b>	<b>57.4</b>	<b>28.5</b>	<b>27.9</b>	<b>27.6</b>	<b>16.5</b>	<b>15.6</b>	<b>15.2</b>
<b>Poland</b>	<b>32.7</b>	<b>32.3</b>	<b>32.5</b>	<b>41.1</b>	<b>38.4</b>	<b>40.4</b>	<b>36.3</b>	<b>39.1</b>	<b>36.3</b>	<b>23.7</b>	<b>22.9</b>	<b>23.7</b>
<b>Portugal</b>	<b>31.4</b>	<b>33.2</b>	<b>32.4</b>	<b>37.7</b>	<b>41.7</b>	<b>41.4</b>	<b>38.1</b>	<b>36.6</b>	<b>37.4</b>	<b>24.2</b>	<b>21.6</b>	<b>21.1</b>
<b>Romania</b>	<b>28.1</b>	<b>28.4</b>	<b>28.3</b>	<b>43.9</b>	<b>39.3</b>	<b>40.0</b>	<b>38.9</b>	<b>44.2</b>	<b>45.1</b>	<b>17.2</b>	<b>16.4</b>	<b>15.0</b>
<b>Slovenia</b>	<b>37.8</b>	<b>37.2</b>	<b>37.6</b>	<b>54.3</b>	<b>52.2</b>	<b>52.5</b>	<b>36.1</b>	<b>37.3</b>	<b>37.9</b>	<b>9.7</b>	<b>10.6</b>	<b>9.8</b>
<b>Slovakia</b>	<b>33.0</b>	<b>28.6</b>	<b>28.3</b>	<b>45.8</b>	<b>44.1</b>	<b>45.4</b>	<b>32.7</b>	<b>36.2</b>	<b>33.4</b>	<b>21.4</b>	<b>19.7</b>	<b>21.2</b>
<b>Finland</b>	<b>44.7</b>	<b>43.7</b>	<b>44.1</b>	<b>52.2</b>	<b>52.3</b>	<b>53.2</b>	<b>29.9</b>	<b>32.3</b>	<b>32.4</b>	<b>17.9</b>	<b>15.4</b>	<b>14.3</b>
<b>Sweden</b>	<b>47.5</b>	<b>44.4</b>	<b>44.2</b>	<b>62.5</b>	<b>57.5</b>	<b>58.6</b>	<b>26.7</b>	<b>28.9</b>	<b>28.4</b>	<b>10.8</b>	<b>13.7</b>	<b>13.0</b>
<b>United Kingdom</b>	<b>34.8</b>	<b>35.8</b>	<b>35.4</b>	<b>38.6</b>	<b>39.1</b>	<b>38.9</b>	<b>33.0</b>	<b>33.2</b>	<b>33.8</b>	<b>28.4</b>	<b>27.7</b>	<b>27.4</b>
<b>Iceland</b>	<b>35.2</b>	<b>35.9</b>	<b>36.8</b>	<b>:</b>	<b>:</b>	<b>:</b>	<b>37.6</b>	<b>34.6</b>	<b>35.0</b>	<b>:</b>	<b>:</b>	<b>:</b>
<b>Norway</b>	<b>43.1</b>	<b>42.7</b>	<b>42.2</b>	<b>43.2</b>	<b>40.7</b>	<b>41.5</b>	<b>29.7</b>	<b>25.8</b>	<b>25.7</b>	<b>27.1</b>	<b>33.5</b>	<b>32.8</b>

\* Shares may be more than 100% for Member States, where a recording of amounts assessed but not collected is chosen to approximate accrual. Please refer additionally to methodological notes in Annex B of the Taxation trends publication.

\*\* EU28 and EA18 aggregates are calculated as GDP-weighted averages of the Member States.

: Data not available

Avots: Eurostat

# Latvijas un ES vidējie nodokļu ieņēmumi kopā kā % no IKP un pa grupām, % no kopējiem ieņēmumiem, 2012

- Nodokļu ieņēmumi, % no IKP:
  - ES28 – 39,4%                      LV – 27,9%
- Nodokļu grupas kā % no kopējiem nodokļu ieņēmumiem

## **Darbspēka**

- ES28 - 51,0%                      LV – 49,0%

## **Patēriņa**

- ES28 – 28.6%                      LV – 38,4%

## **Kapitāla**

- ES28 – 20,8%                      LV – 12,6%

**Kapitāla nodokļu ieņēmumi būtu ļoti būtiski jāceļ!**

## Latvijas nodokļu sistēmas kardināli savādākais raksturs

- Lai arī kopējie skaitļi neizskatās ļoti atšķirīgi, būtiskais ir detaļās:
  - Latvijā nav samazinātā PVN pārtikai, lai arī praktiski visur ES un lielā mērā arī pasaulē tas tā ir – pārtika aizņem ļoti lielu daļu mazturīgo patēriņa groza, lielāko daļu ražo vietējais ražotājs;
  - Latvijā nav progresīvās algu nodokļu sistēmas kā gandrīz visur citur ES, kapitāla pieaugums nekad nenonāk kopējos personas apliekamajos ienākumos kā tas ir daudz kur citur.



## Euronews: Food for thought: Romania slashes VAT on foodstuffs to 9%, 01/06 20:38 CET

---

Romania used to be the only European Union country not to have differentiated VAT on most foodstuffs, with bread being the exception.

But now, Bucharest has slashed the value-added tax from 24 percent to nine percent on all food products, as well as non-alcoholic beverages and catering services.

Alcohol has not been reduced.

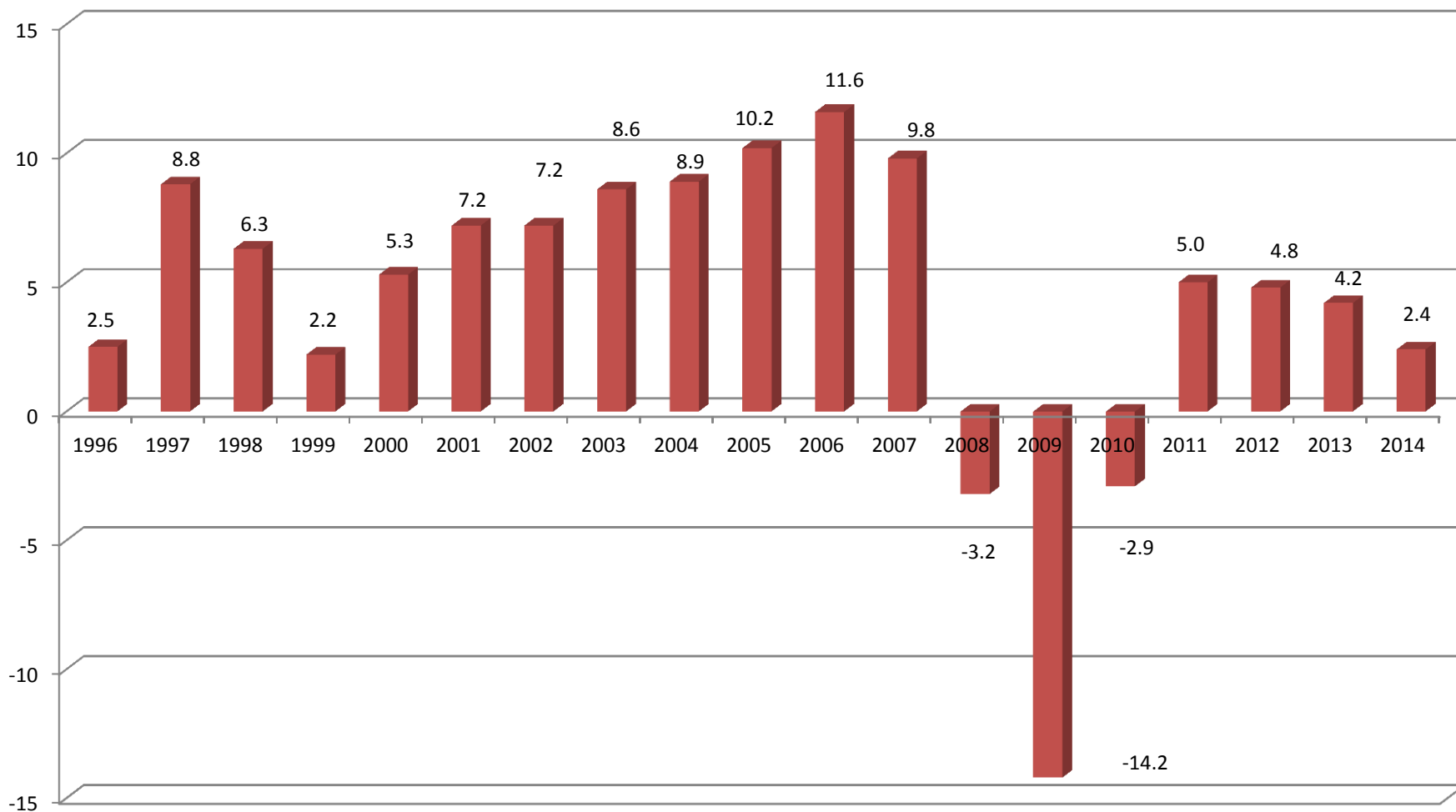
Romanians spend around a third of their income on food – a huge jump from the 18 percent EU average.

A recent INSCOP survey suggests almost 84 percent of Romanians welcome the reduction.

The new measure is expected to have a 4.1 billion euro impact on the state budget by 2018, the government estimates.

<http://www.euronews.com/2015/06/01/food-for-thought-romania-slashes-vat-on-foodstuffs-to-9-percent/>

## IKP % izmaiņas gads uz gadu Latvijā



Dati: CSB

# Progresīvais nodoklis kā automātiskais stabilizators

Automātiskie stabilizatori:

- peldošs valūtas kurss – Latvijā nekad nav un nebūs bijis pieejams;
- progresīvi nodokļi – Latvijā nekad nav bijis pieejams, ienākumi būtu stipri izteiktāki biznesa cikla augšējā fāzē;
- kapitāla pieauguma nodoklis – Latvijā ļoti zems, ienākumi izteikti biznesa cikla augšējā fāzē;
- uzņēmumu ienākuma nodokļi – Latvijā ļoti zemi, ienākumi izteikti biznesa cikla augšējā fāzē;

Rekomendētā literatūra: OECD Economic Outlook 1999,  
<http://www.oecd.org/eco/outlook/2087789.pdf>

Latvijas biznesa cikls ārkārtīgi izteikts,  
standartnovirze IKP gada % izmaiņām **5,9**



## Main challenges

---

### **1. Reducing income inequality**

- Spending on social programmes is low and not targeted enough.
- The tax system weighs on employment and is weakened by informality.

### **2. Raising productivity and ensuring robust convergence**

- Deficiencies in the business environment undermine productivity growth.
- The vocational education and lifelong learning systems do not fully provide the skills needed.

### **3. Limiting the risk of repeated boom and bust cycles**

- The economy is volatile and vulnerable to external shocks.

# Kontakti

## Smart Continent LV Ekoterm SIA

Adrese:

Audēju iela 15  
Rīga, LV-1050

Telefons: +371 29409509

Fakss: +371 66002144

Epasts: [gints@aci.lv](mailto:gints@aci.lv)

[www.smartcontinent.com](http://www.smartcontinent.com)



 **SMART CONTINENT**