

# **Vizualizace dat**

Argumentace a manipulace

27. 10. 2022





~~lež~~

zatajování

manipulace

argumentace

*manipulace* nastavením osy

Registrovat se

Přihlásit se

AHA!

Reflex

ISport.cz

Auto.cz

To se mi líbí 52 tis.

VYHLEDAT

20°  NOVÉ POČASÍ ▶

Čtvrtek 9. říjen 2014 • Svátek slaví Štefan / Sára, zítra Marina

 HOROSKOPY ▶

**BLESK.CZ**

**CELEBRITY** ▼  
ČESKÉ • SVĚTOVÉ • KARLOVY VARY

**ZPRÁVY** ▼  
VOLBY • UDÁLOSTI • KRIMI

**SPORT** ▼  
FOTBAL • HOKEJ • TENIS

**TV:**  
PROGRAM

TV BLESK | PROŽENY | RECEPTY

CESTOVÁNÍ | HOBBY | RÁDCE

DIGITAL | HRY | AUTO



SYNOT  
LIGA



# Teplotní apokalypsa!!



Streda

Čtvrtek

Patek

Sobota



**Exoti i slavní ve volbách: Emil, Heidi Janků a další!**



**12letý chlapec zabil autem malé dítě!**



**Petr Čech hecoval Turky, urážkám se vysmál**



**Svobodová hraje den po pohřbu komedii!**

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SYNOT  
LIGA



# Teplotní apokalypsa!!



Streda



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Pátek



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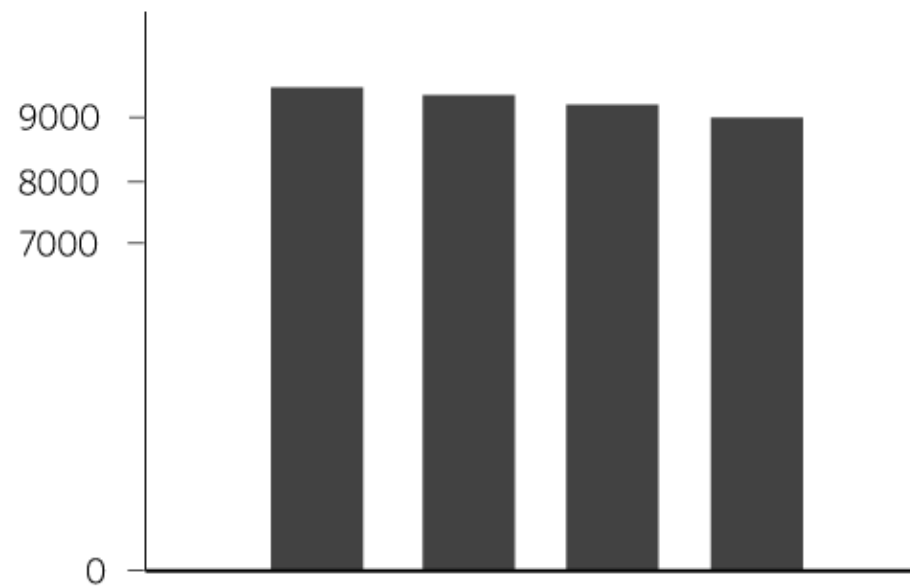
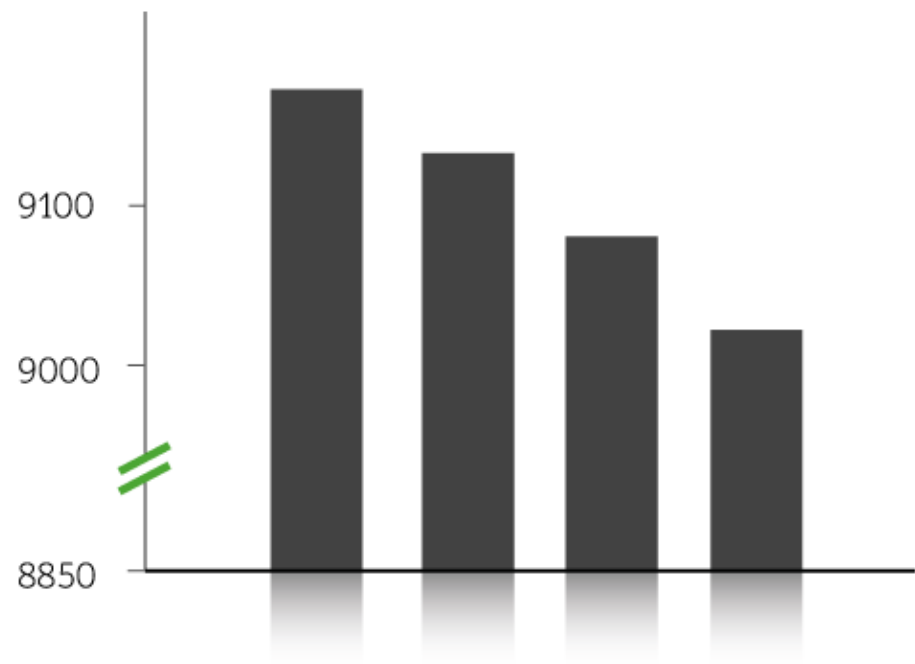
12letý chlapec zabil autem malé dítě!



Petr Čech hecoval Turky, urážkám se vysmál



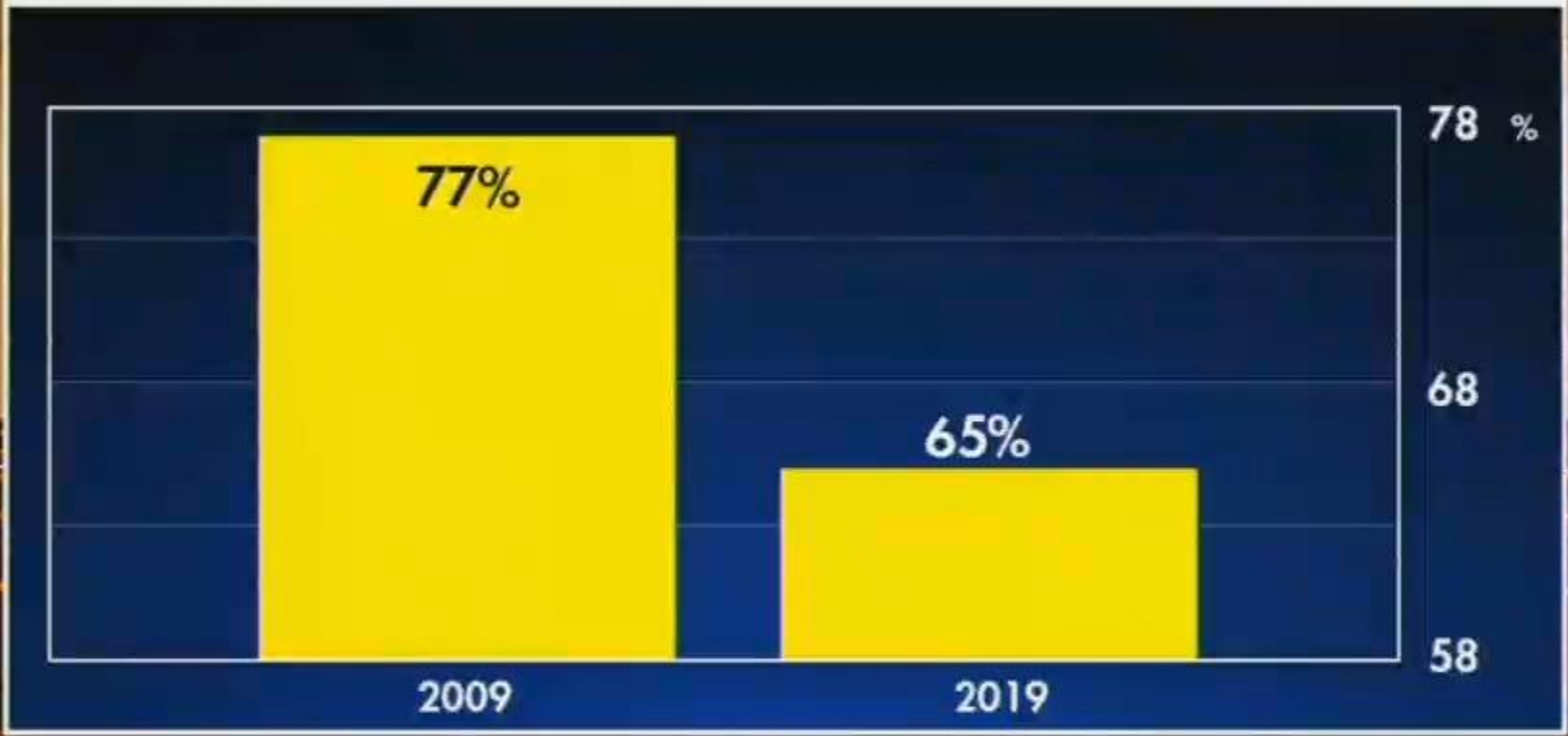
Svobodová hraje den po pohřbu komedii!







# PERCENTAGE OF AMERICANS THAT IDENTIFY AS CHRISTIANS



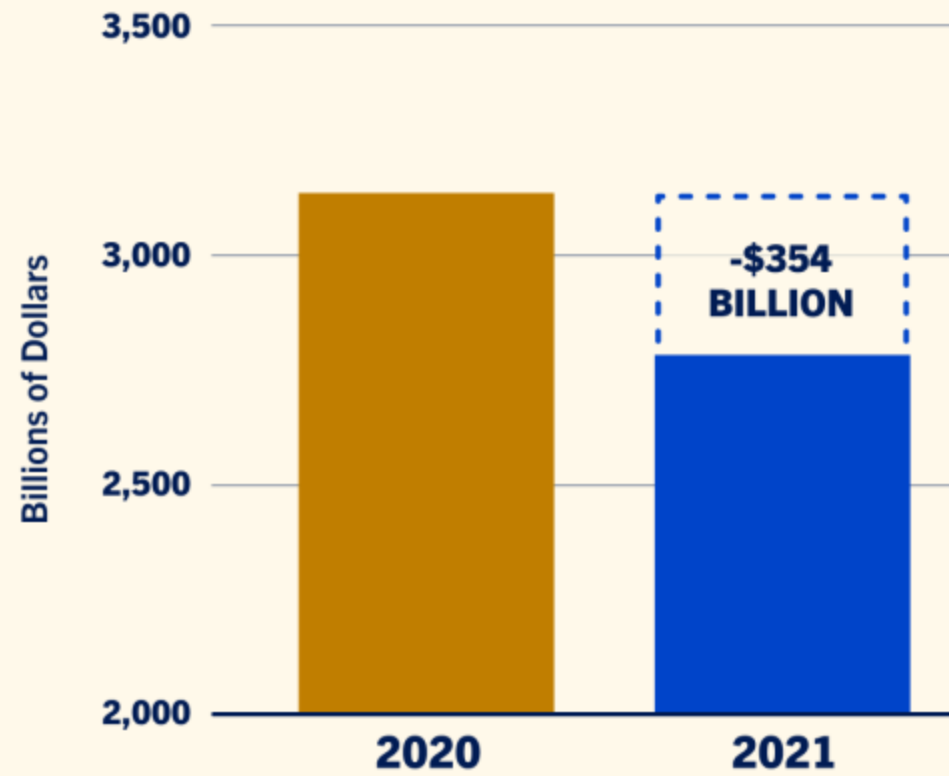
PEW RESEARCH CENTER

**FOX NEWS**  
8:00 ET

**WE USED TO BE AN ENTHUSIASTICALLY CHRISTIAN NATION**

**TUCKER CARLSON** ★ TONIGHT ★

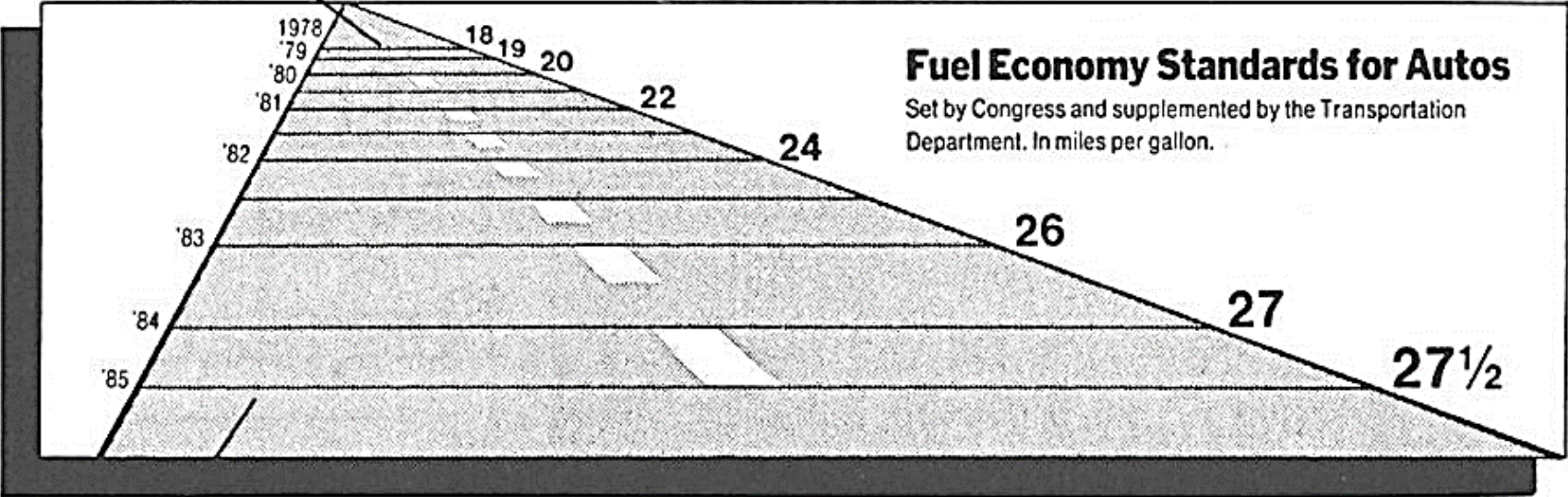
## The Biden-Harris Administration Reduced the Deficit Last Year



SOURCE: OFFICE OF MANAGEMENT AND BUDGET

# lie-factor ≠ 1

This line, representing 18 miles per gallon in 1978, is 0.6 inches long.



This line, representing 27.5 miles per gallon in 1985, is 5.3 inches long.

2. Calculate the lie factor of the following graph (Figure 1). Do you think the concept of a lie-factor is useful or relevant in practice ?

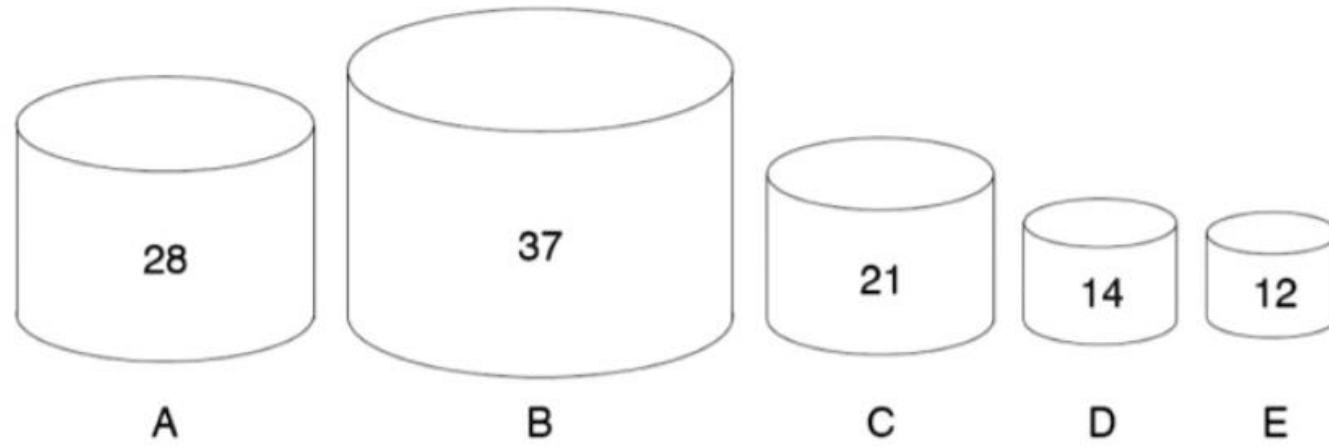


Figure 1: Compute the lie factor for this graph.

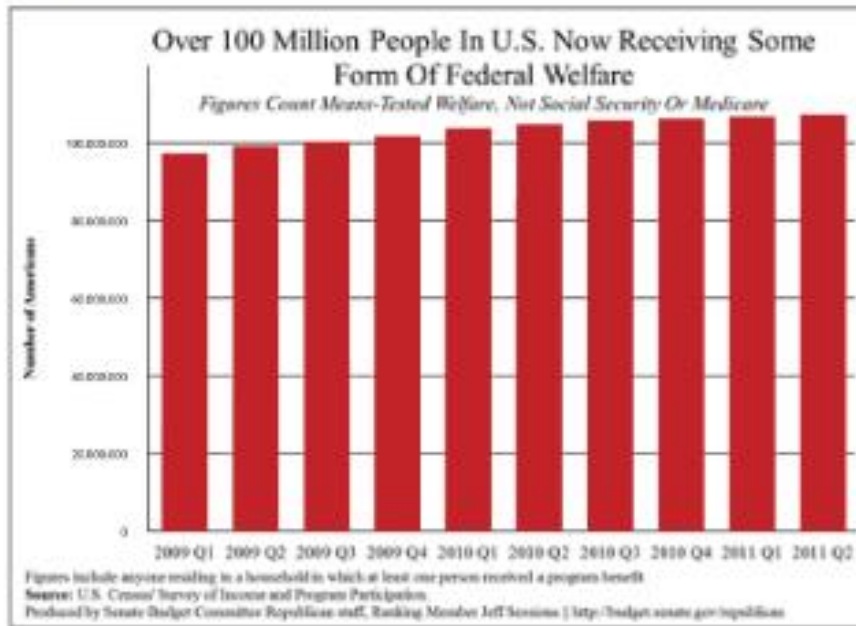
THE BLOG

## Over 100 Million Now Receiving Federal Welfare

2:40 PM, AUG 8, 2012 • BY DANIEL HALPER



A new chart set to be released later today by the Republican side of the Senate Budget Committee details a startling statistic: "Over 100 Million People in U.S. Now Receiving Some Form Of Federal Welfare."



lie factor: 1

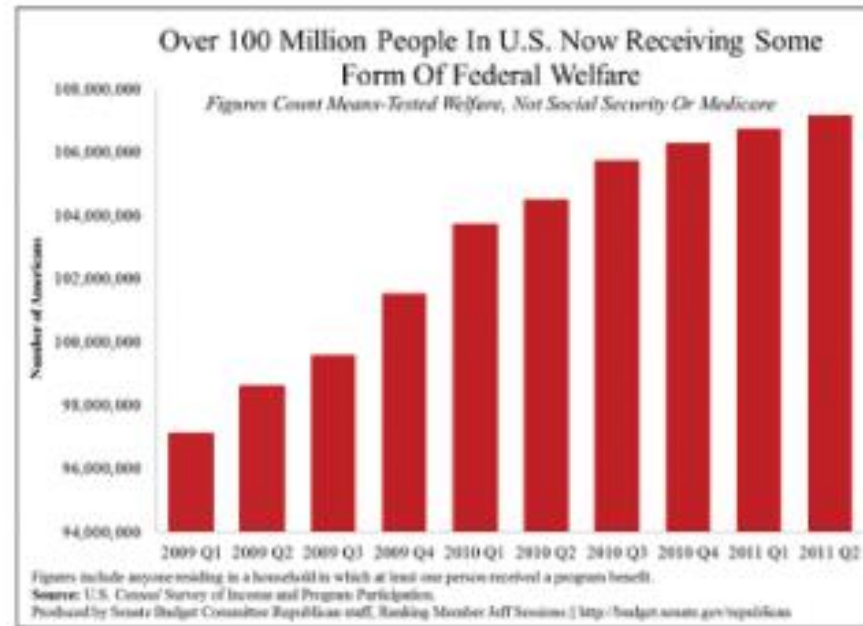
THE BLOG

## Over 100 Million Now Receiving Federal Welfare

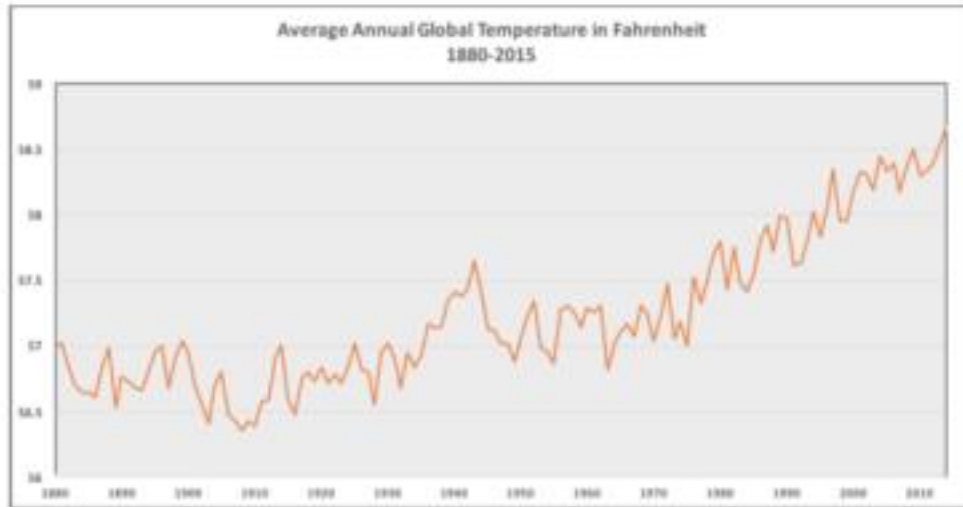
2:40 PM, AUG 8, 2012 • BY DANIEL HALPER



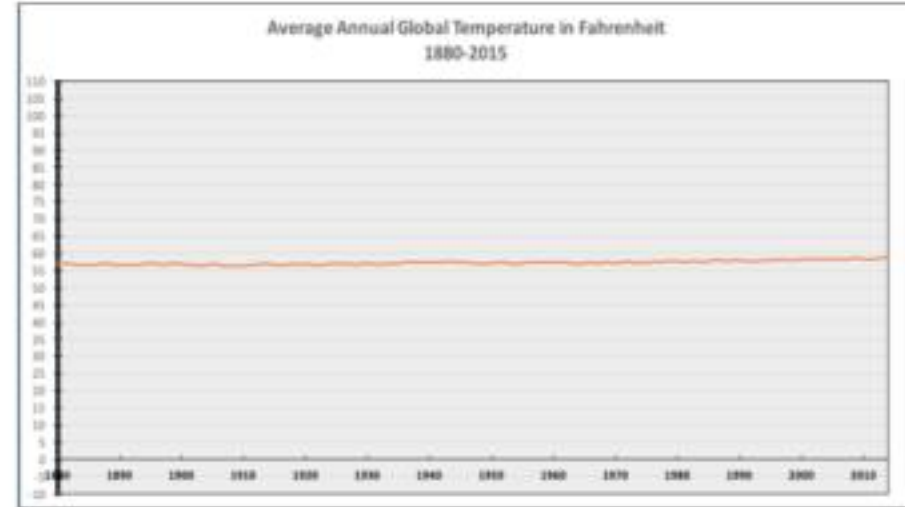
A new chart set to be released later today by the Republican side of the Senate Budget Committee details a startling statistic: "Over 100 Million People in U.S. Now Receiving Some Form Of Federal Welfare."



lie factor: 16,08



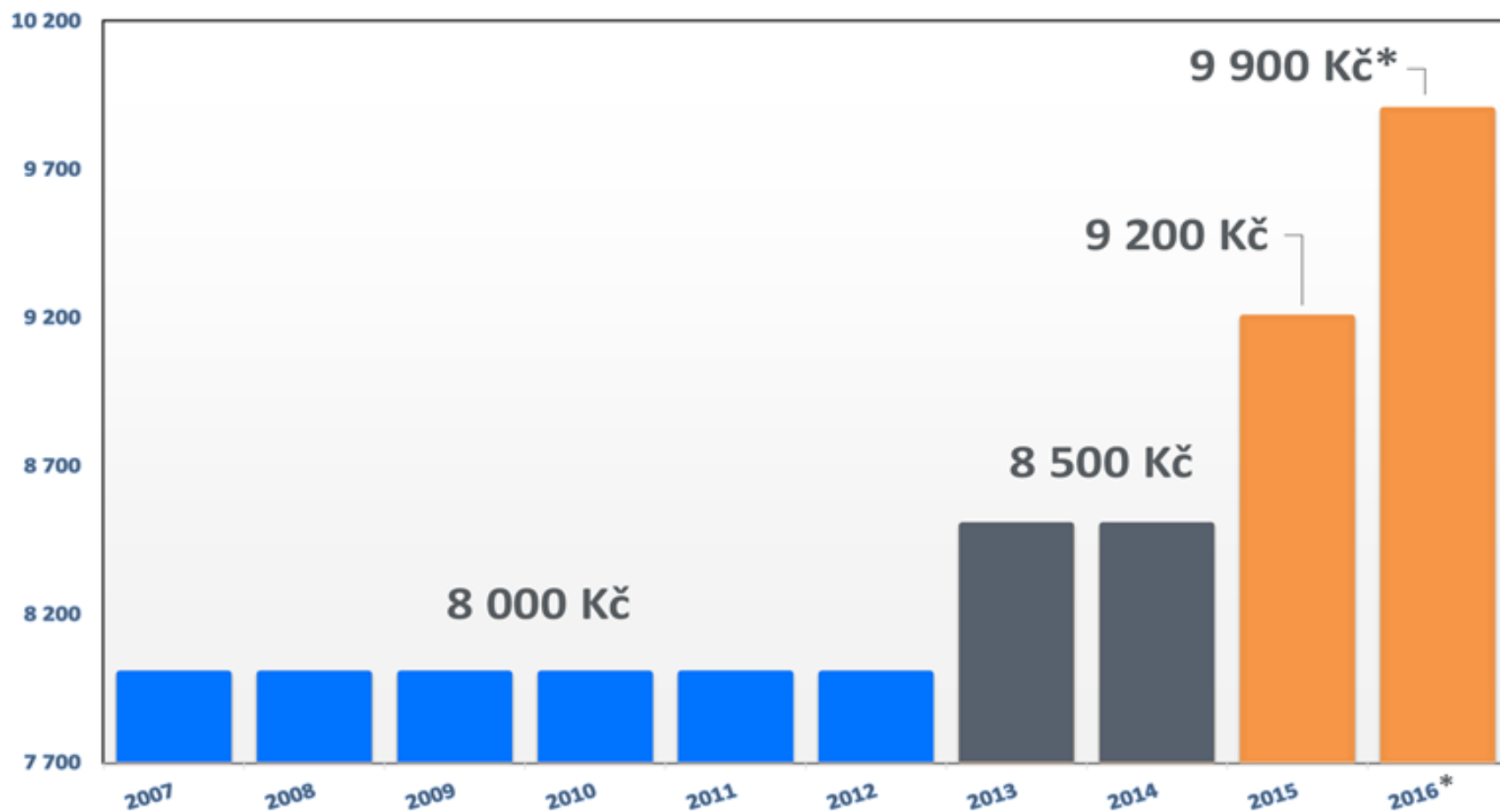
Lie-factor: 110,14



Lie-factor: 0,65

# Vývoj minimální mzdy v ČR v Kč od roku 2007

(zdroj MPSV)



Úřad vlády ČR @strakovka · Aug 20

@SlavekSobotka



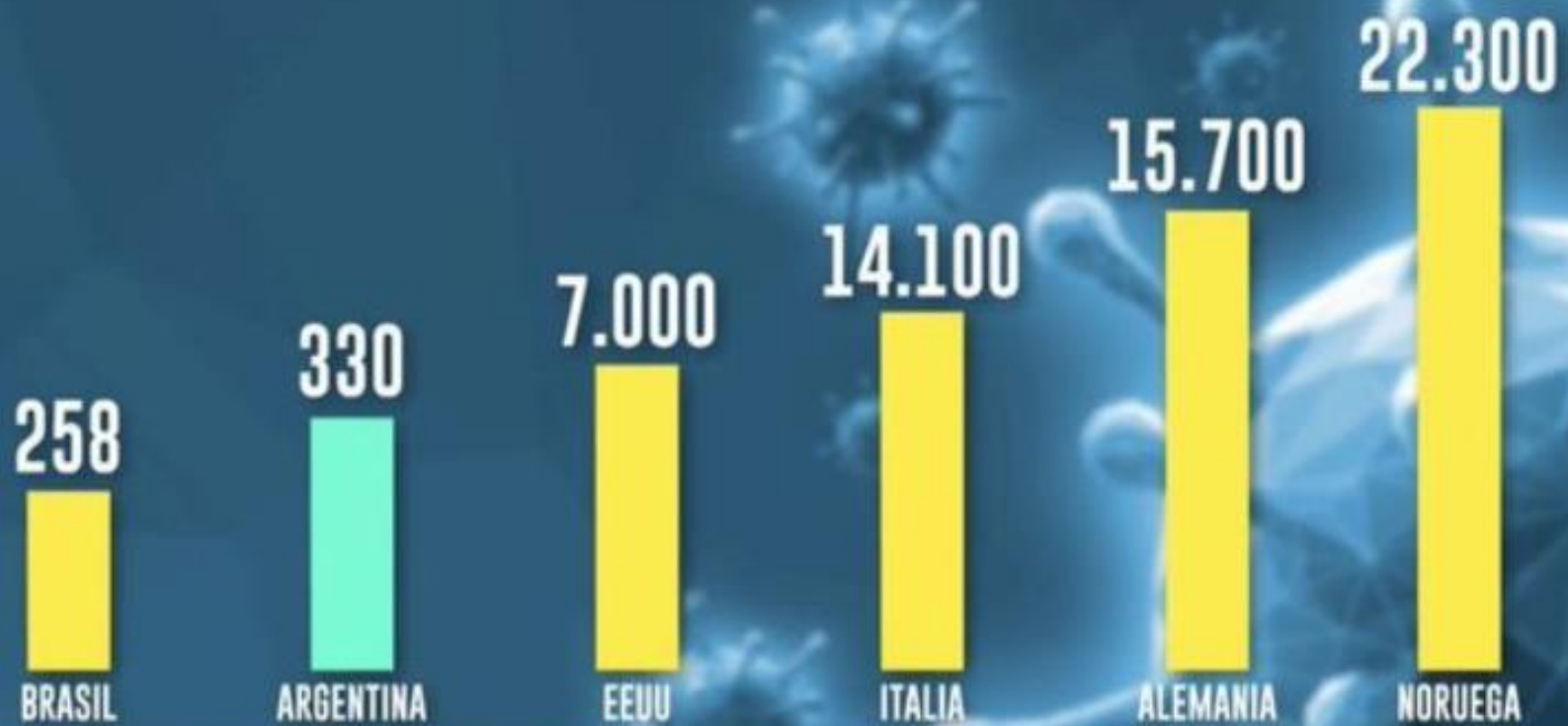
5



8



# TESTEOS POR MILLÓN DE HABITANTES



ANTE LA PRESENCIA DE SÍNTOMAS LLAMAR AL 107 SAN LUIS

Brazílie

**Argentina**

EU

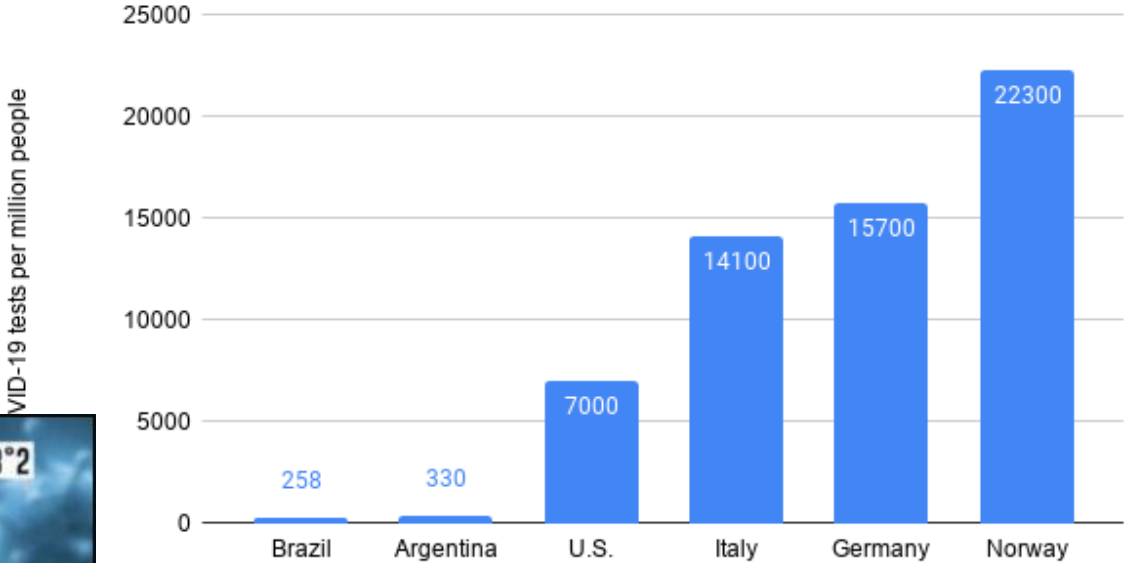
Itálie

Německo

Norsko

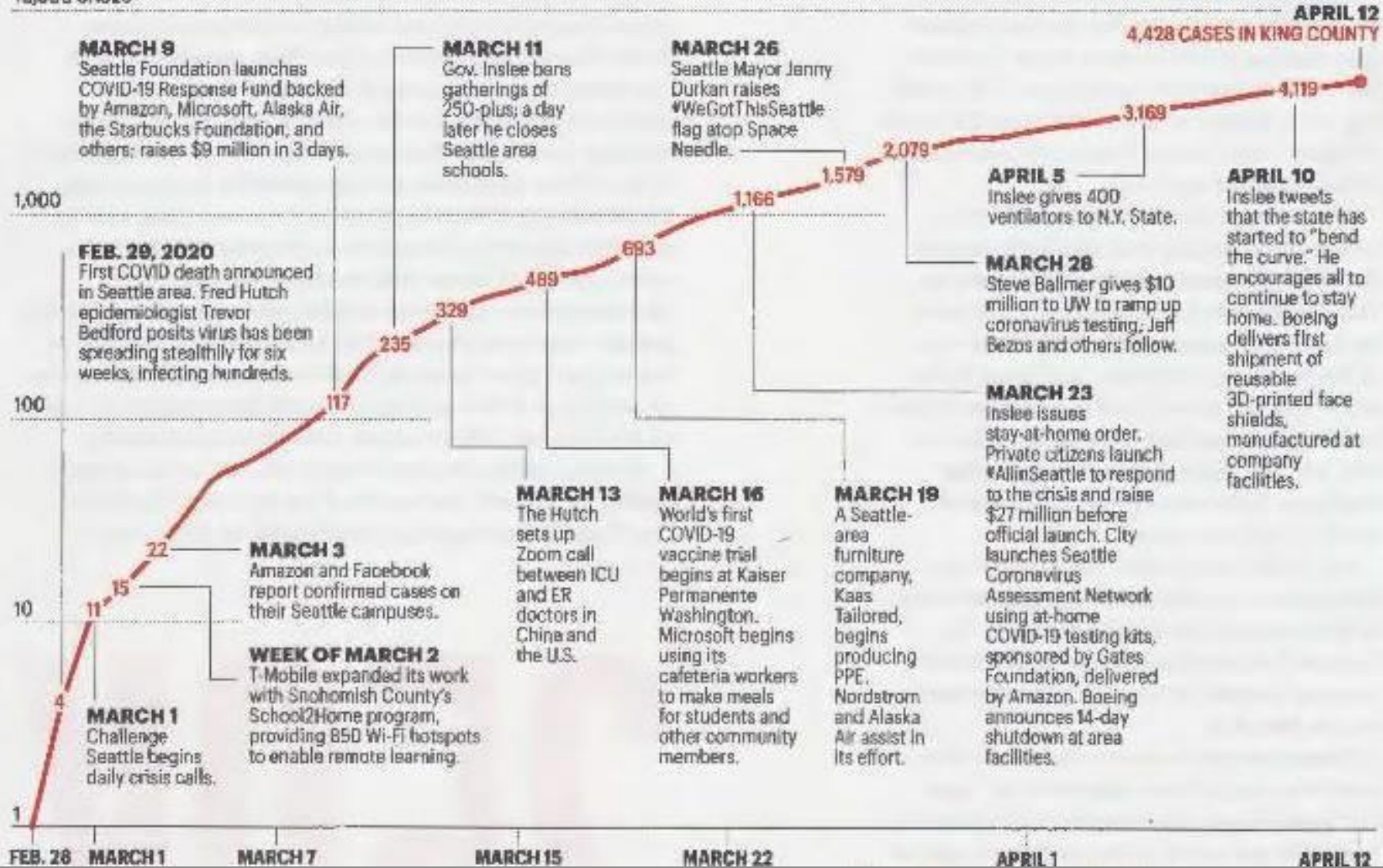


Number of COVID-19 tests per million of people



## AS COVID-19 SPREADS IN SEATTLE, CORPORATIONS JOINED THE FIGHT TO FLATTEN THE CURVE

10,000 CASES



### 36% of Tories want him out

About four in ten Tory voters want Boris Johnson to quit, a poll shows (Chris Smyth writes).

Labour's lead remains only five points, but significant numbers of Tory backers would now prefer a change at No 10.

A majority of voters have consistently said that Johnson

should resign and the latest YouGov poll found that 60 per cent did not want him to be prime minister, against 25 per cent hoping that he is still in No 10 next year. This includes 36 per cent of those who voted Tory in 2019. Only 51 per cent who backed him then say he should stay on.

Only 33 per cent, however, say that Sir Keir Starmer would make a better prime minister, compared with 28 per cent who prefer Johnson. Overall Labour lead by 39 points to 34, largely unchanged from the week before, according to a survey of 1,671 adults last Wednesday and Thursday.

agenda of reform and improvement, a plan for a stronger economy, whereby we have to reform our energy markets, our housing markets, the way our transport networks run, our public sector — we've got to cut the cost of government."

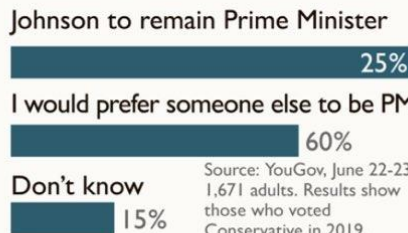
The prime minister said he felt no shame over the by-election defeats, adding that his government had been "quite exceptional".

Tory rebels are urging colleagues to resubmit their confidence letters as they seek to change the rules in an attempt to remove Johnson from office.

The rebels will this week launch a drive to get as many letters as possible submitted to Sir Graham Brady, chairman of the 1922 Committee, to increase

#### What do Tory voters think?

**Q** Given the choice, would you prefer that Boris Johnson was still Prime Minister in a year's time, or would you prefer someone else?



Source: YouGov, June 22-23. 1,671 adults. Results show those who voted Conservative in 2019.

pressure on the prime minister.

The confidence vote this month was held after more than 54 Tory MPs — the requisite 15 per cent of the parliamentary party — requested one. Johnson survived the vote by 211 to 148. Under the present rules he is safe from another challenge for

a year.

However, Tory rebels pushing for MPs who are critical of Johnson to stand in the elections for the 1922 Committee backbenchers in the next fortnight so they can change rules.

One MP said: "It makes sense to get the letters in, Graham Brady has got to have a sense of where the mood is at. If they exceed 54 by a margin he can judge the mood of the party on that basis. There's no point having the rules change until the numbers have changed. It's now for the backbenchers to put the interests of the Conservative Party first. The PM won't say that. Get as many letters in as possible. Forget 54, we've got to go way past that." ■

**PESQUISA IBOPE CONFIRMA: O POVO DO CABO É 40!**

O HOMEM DISPAROU!

Johnson to remain Prime Minister	21%
I would prefer someone else to be PM	33%
Don't know	37%

IBOPE inteligência

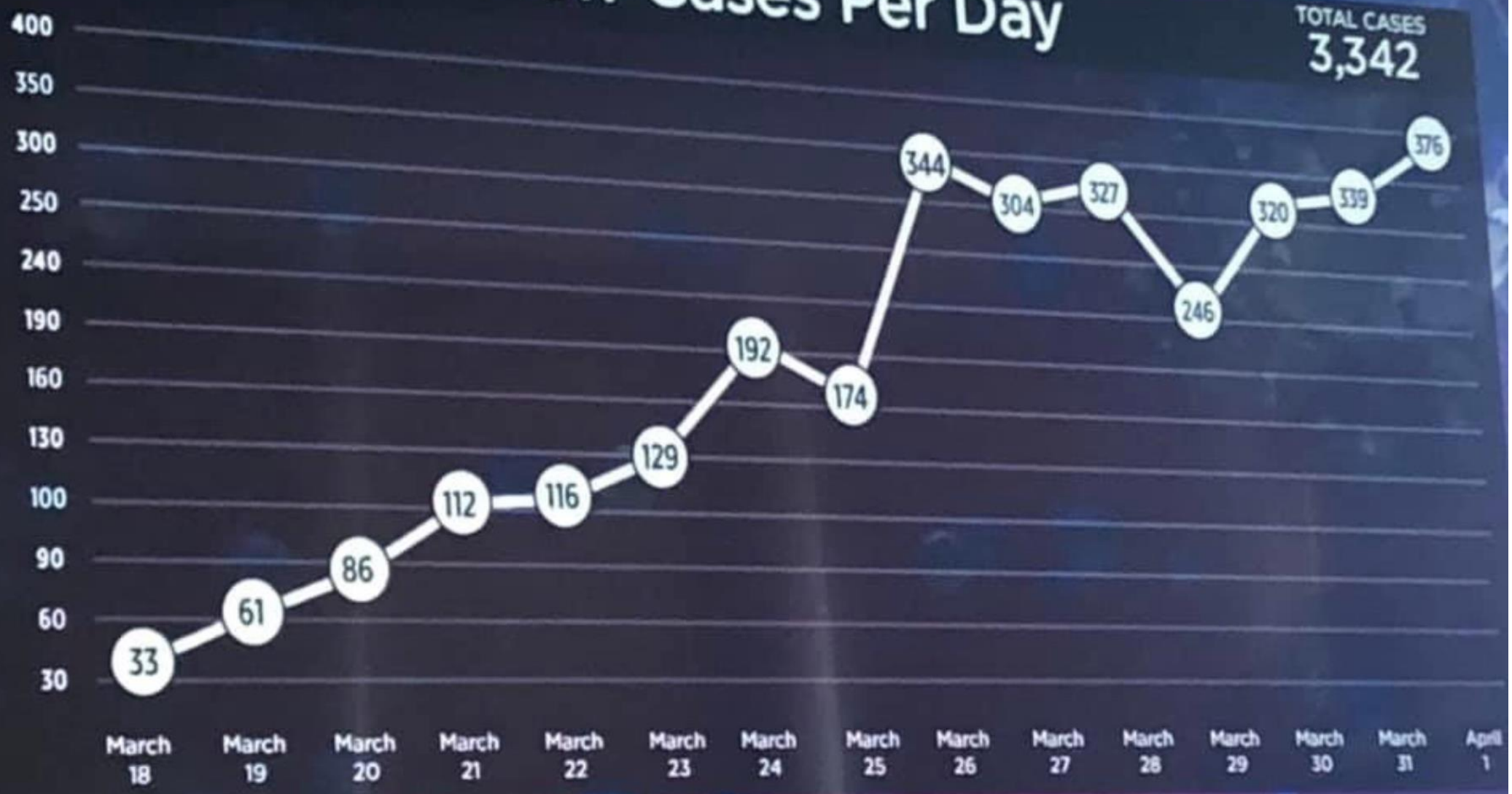
CONSIDERANDO OS VOTOS VÁLIDOS  
Pesquisa registrada no TSE em 27/06/2022, sob o N° PE-03/SP/2022, pelo IBOPE Intelectual de Pesquisas e Consultoria Ltda.

40  
PREFEITO  
**LULA**  
CABRAL  
MÉDINA COMES

FRENTE POPULAR DO CABO | PSB - PP - PDT - PTC - PSL - REPUBLICANOS - PROS - AVANTE - PHN | CNPJ: 38.513.901/0001-50

# New Cases Per Day

TOTAL CASES  
3,342



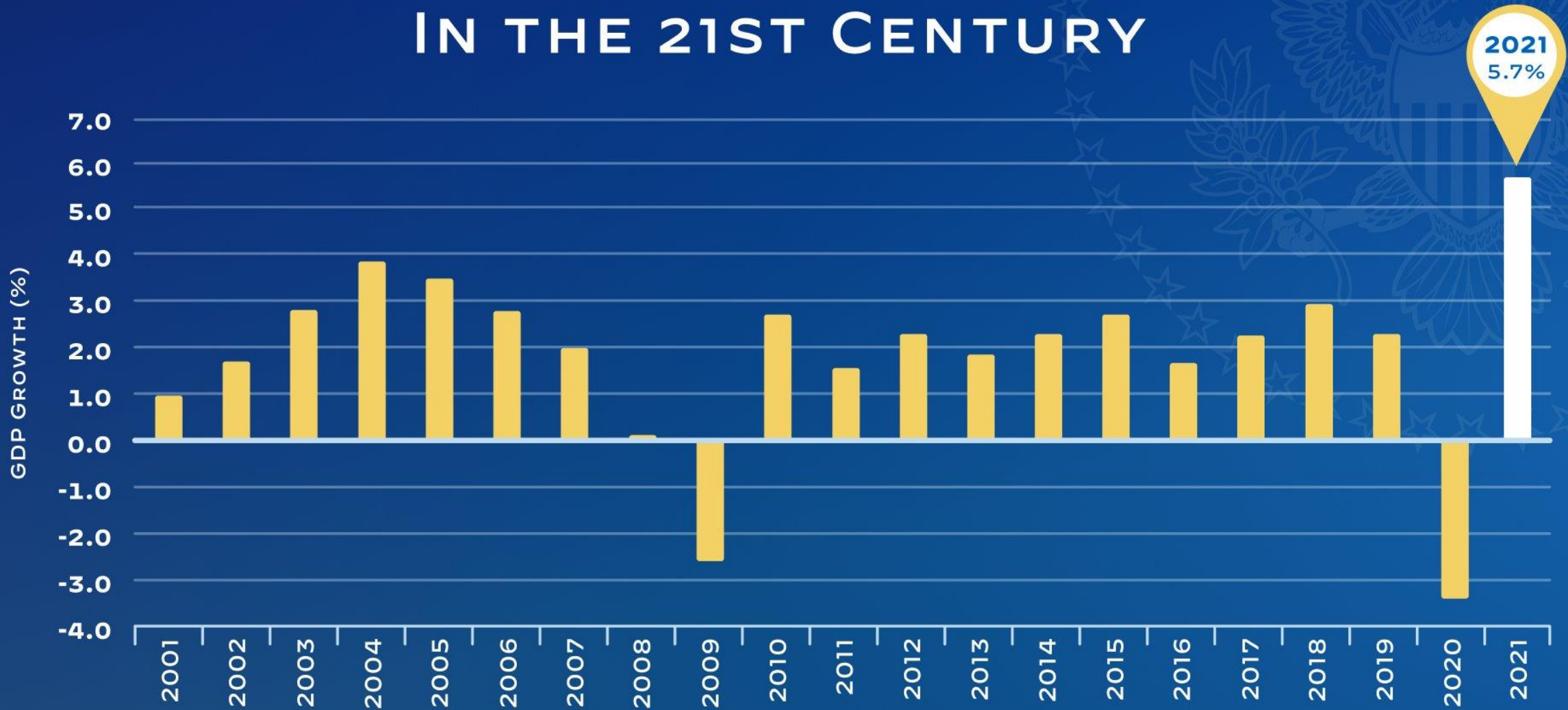


# AMERICA'S ECONOMIC GROWTH IN THE 21ST CENTURY





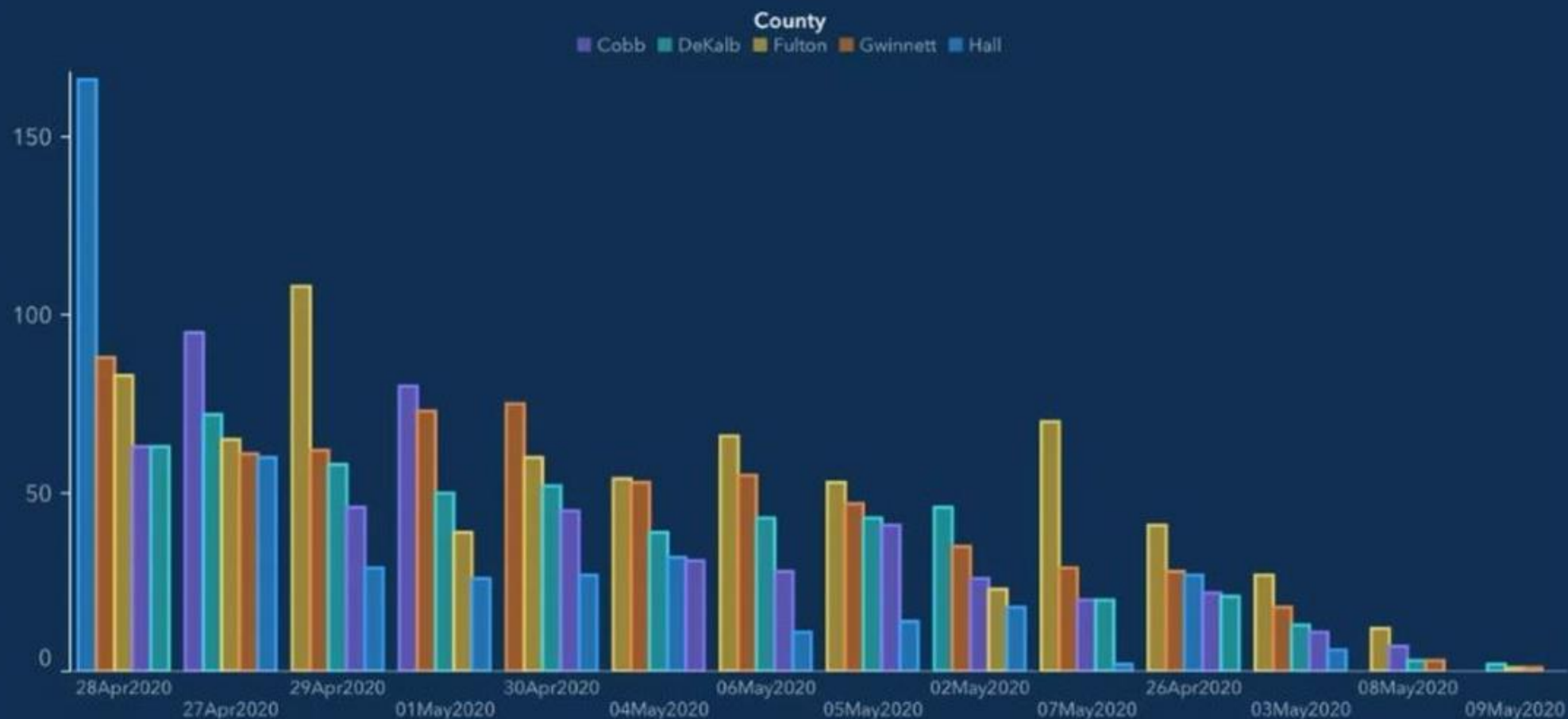
# AMERICA'S ECONOMIC GROWTH IN THE 21ST CENTURY



2021  
5.7%

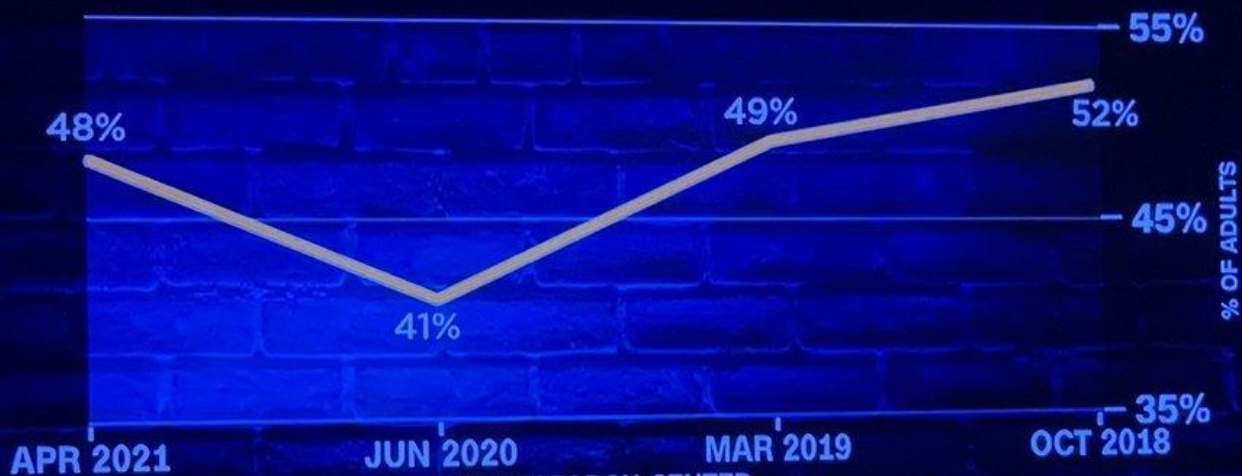
## Top 5 Counties with the Greatest Number of Confirmed COVID-19 Cases

The chart below represents the most impacted counties over the past 15 days and the number of cases over time. The table below also represents the number of deaths and hospitalizations in each of those impacted counties.



# VIOLENT CRIME IS A VERY BIG PROBLEM

## ADULTS



PEW RESEARCH CENTER  
MARGIN OF ERROR: +/- 3.0% PTS

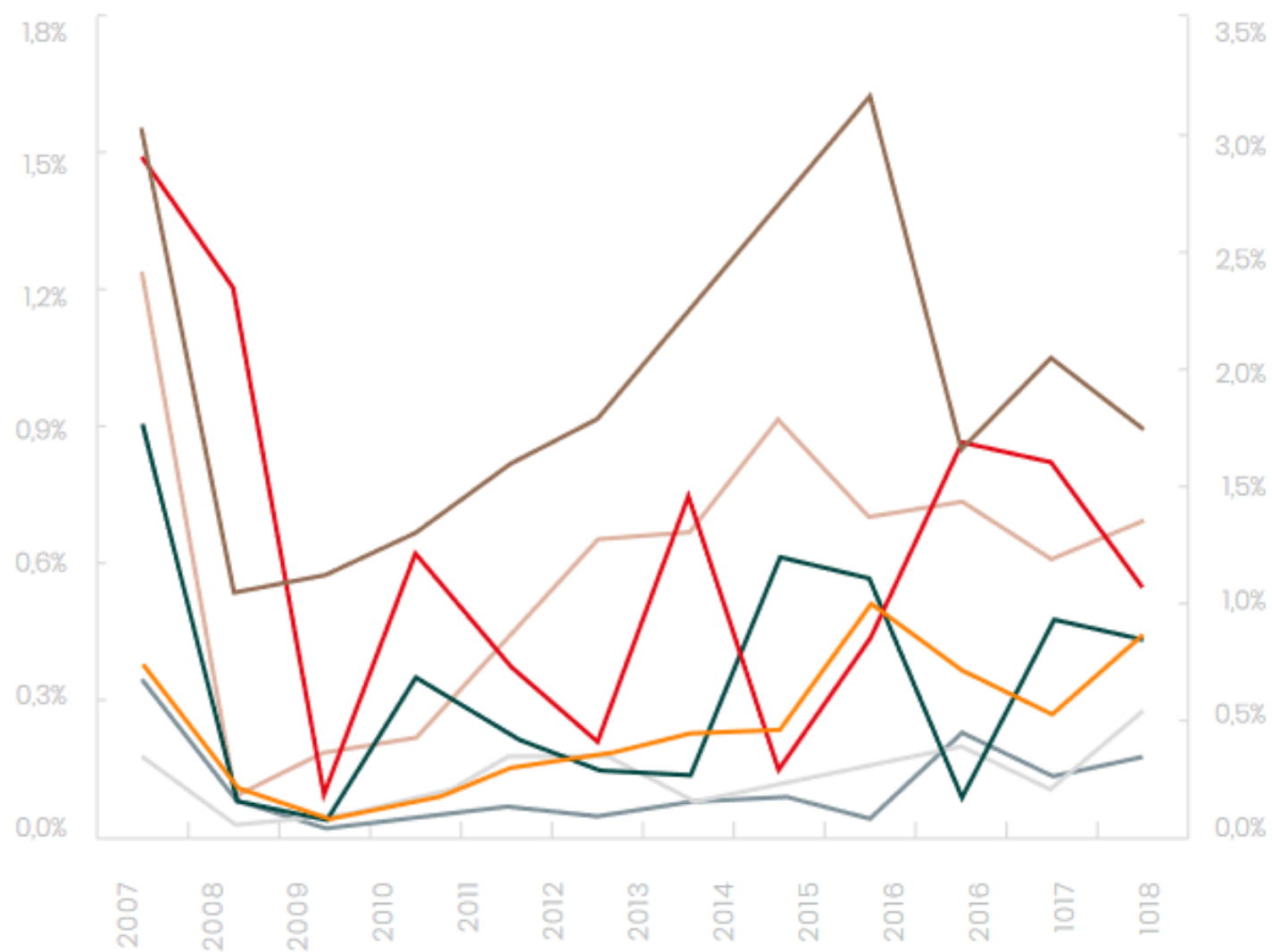
### THE WIZARD OF ODDS

## WHITE HOUSE PREPARES TO ADDRESS SURGE IN VIOLENT CRIME

LIVE  
**CNN**  
6:32 PM PT

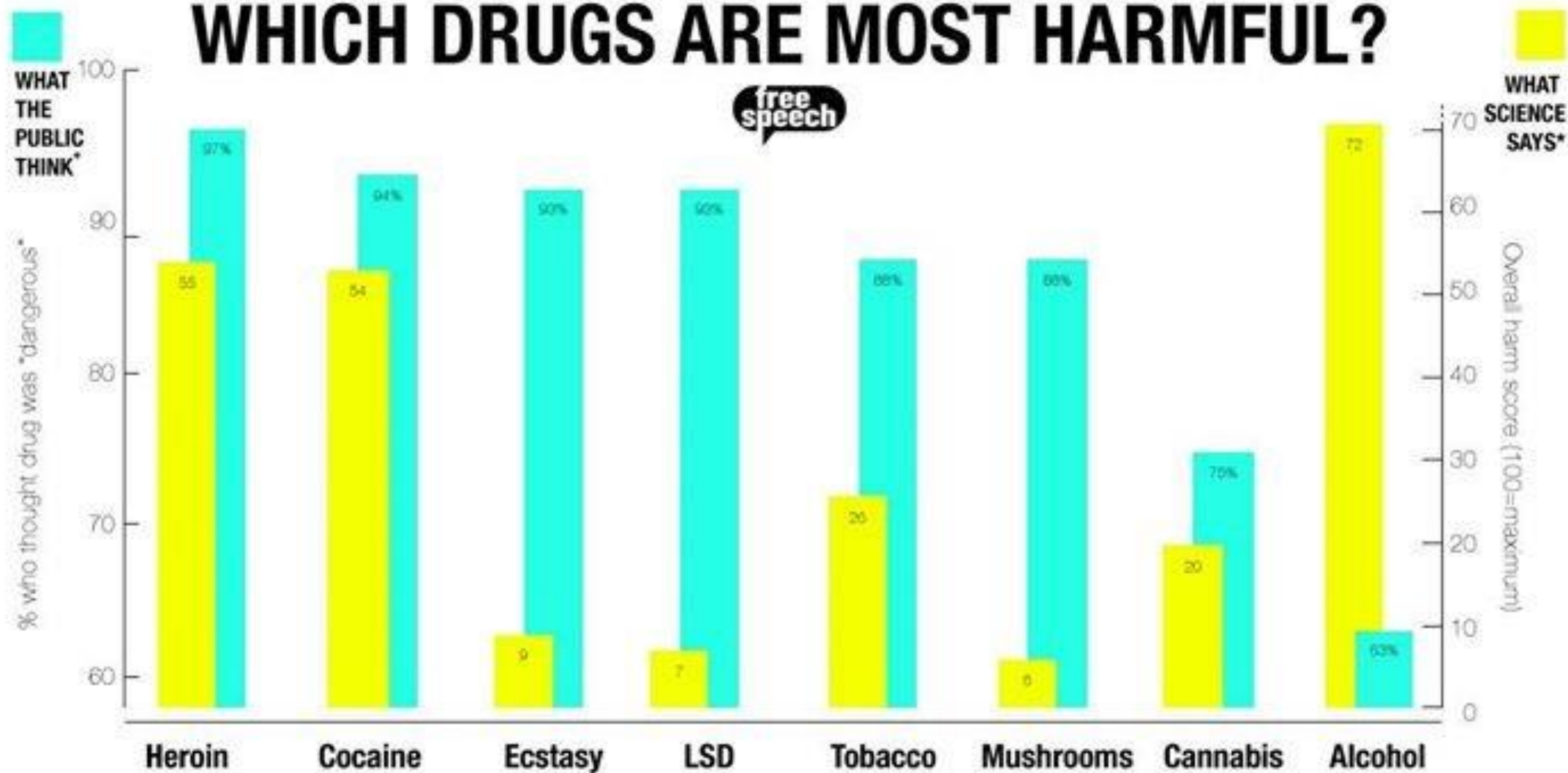
LESS EAGER TO GET THE SHOT," JEFF ZIENTS SAYS ▶ BIDEN WANTED 70 CUOMO PRIME TIME





— Australia   
 — Kanada   
 — Hongkong (SAR)   
 — Wielka Brytania (prawa oś wykresu)  
— Singapur   
 — Stany Zjednoczone   
 — Nowa Zelandia

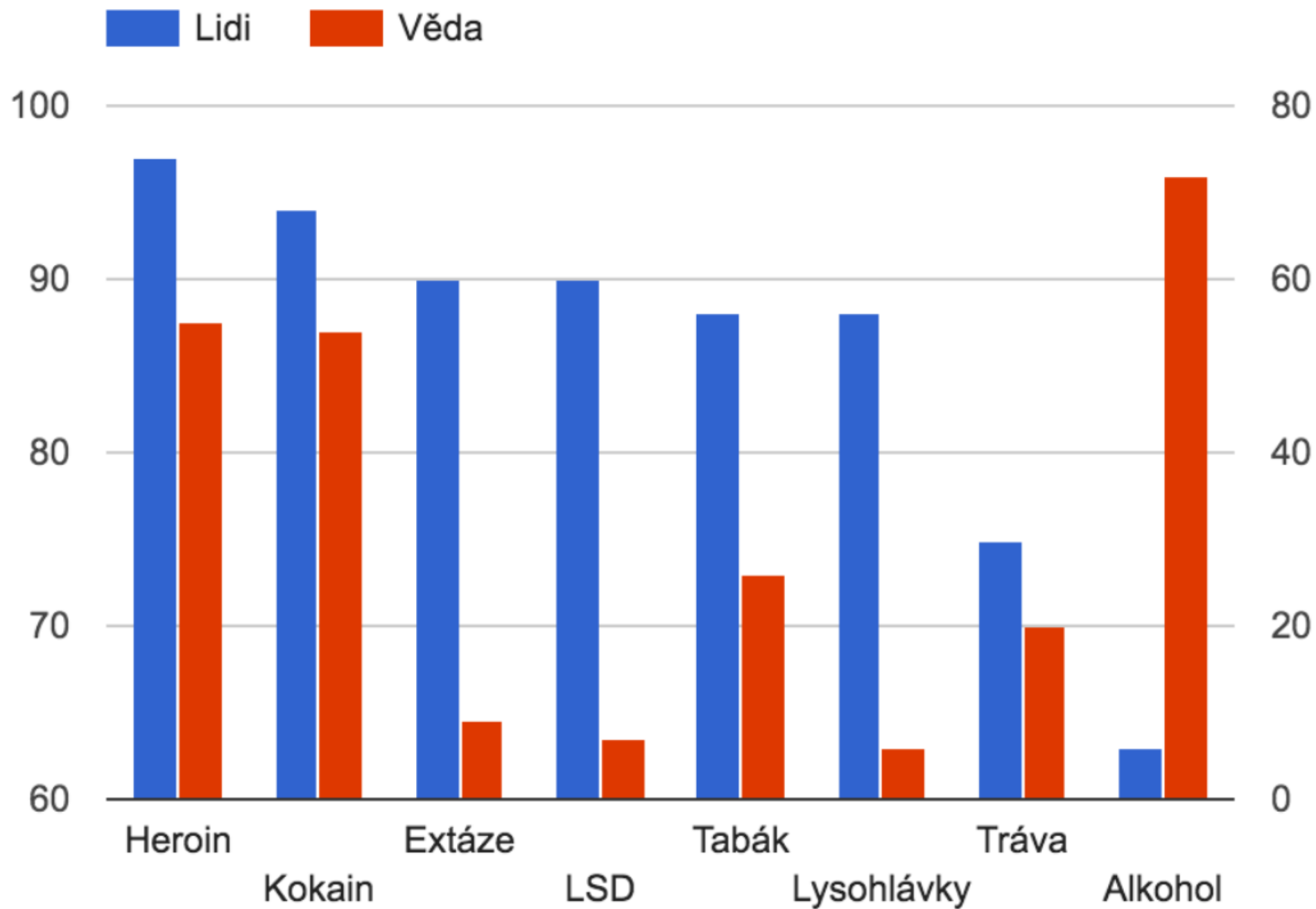
# WHICH DRUGS ARE MOST HARMFUL?



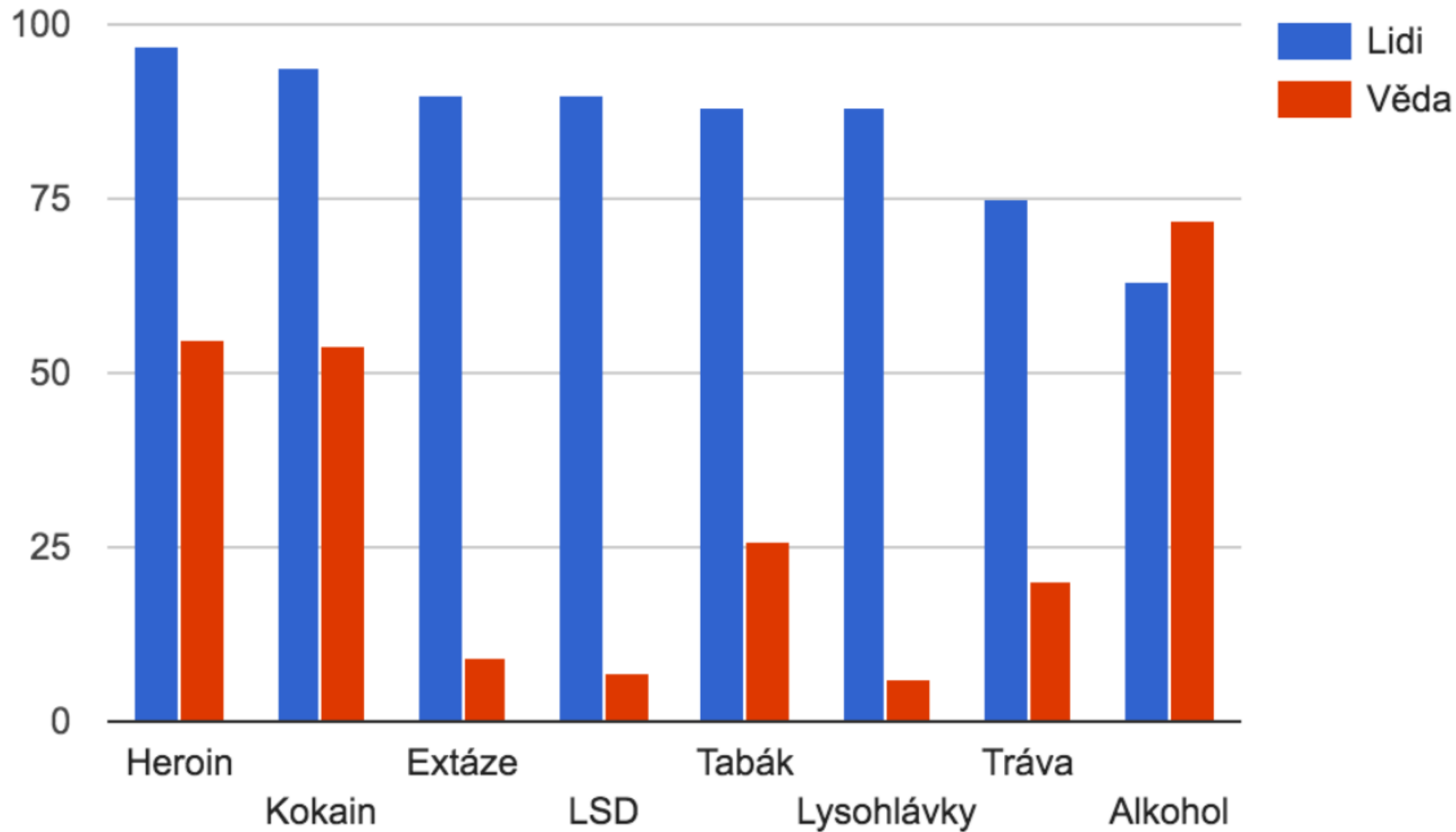
\* YouGov survey - 29<sup>th</sup> Jan 2015

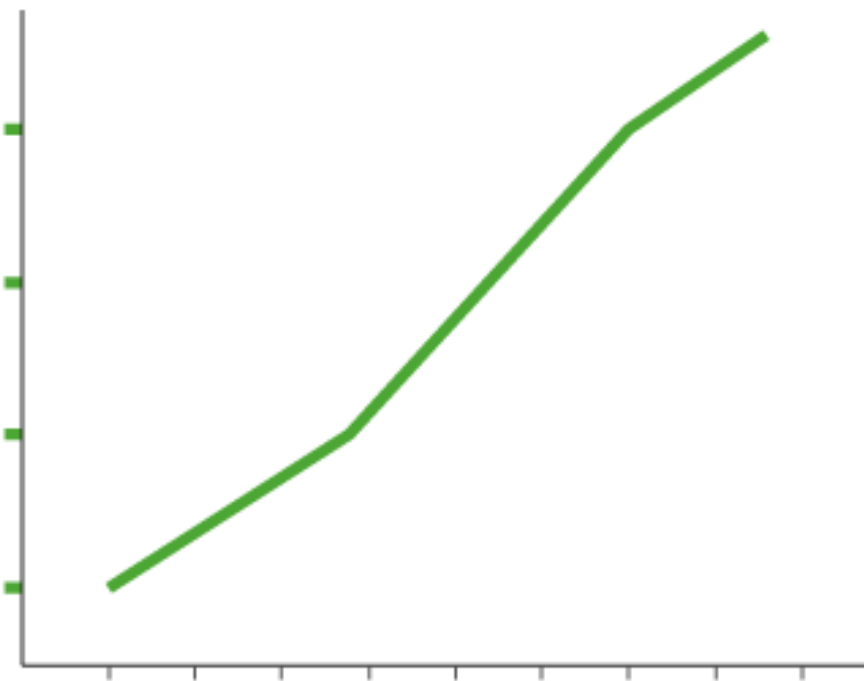
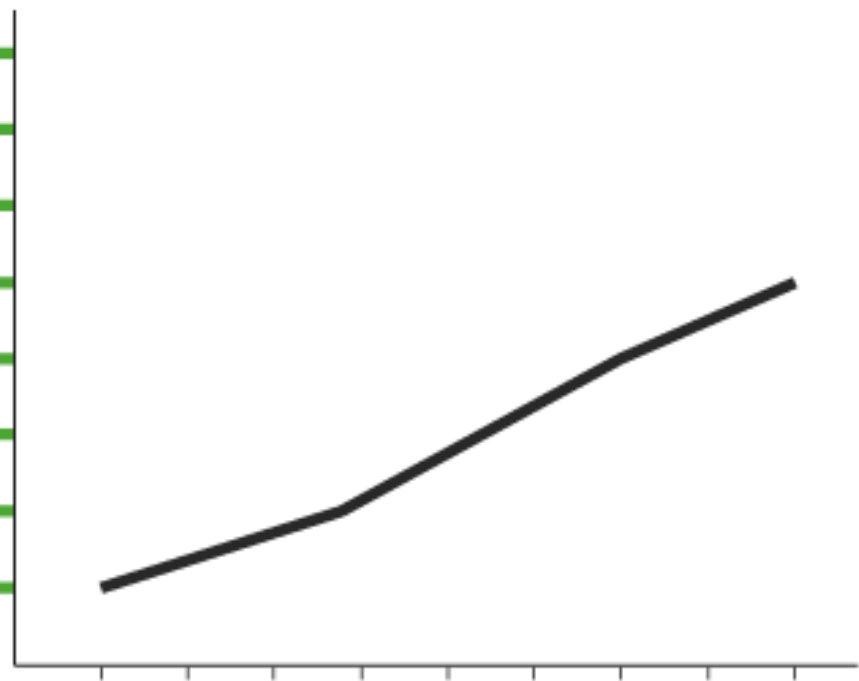
\* Researchers led by Prof. David Nutt asked experts to rank drugs on 16 criteria of harm to the user and to wider society

Dle grafu překreslil: Jan Pospíšil



Dle grafu překreslil: Jan Pospíšil

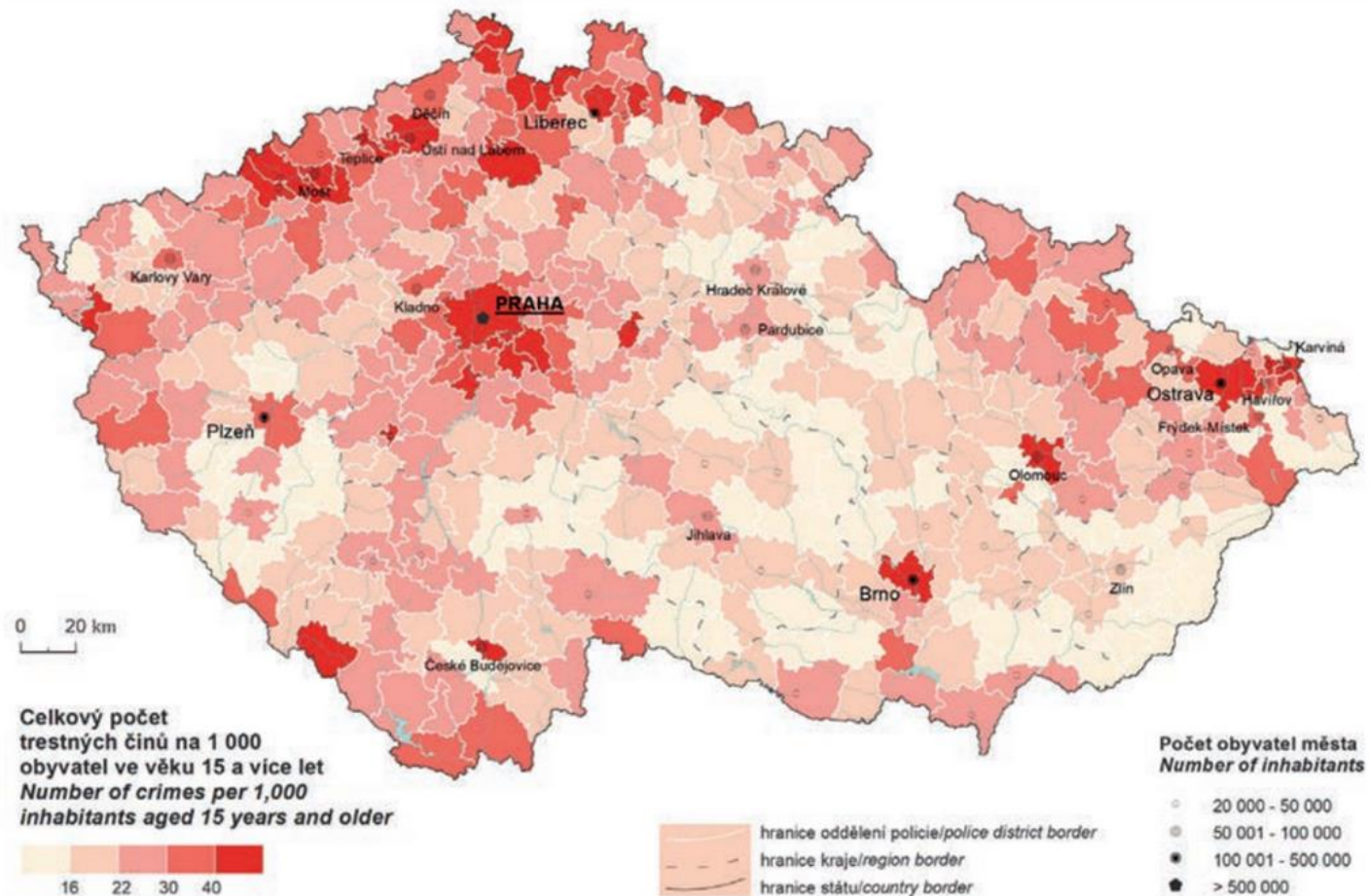




*manipulace* barvou

**Obr 1: Celková kriminalita v Česku v odděleních policie, 2013–2015**

Total crime in the Czech Republic by police districts, 2013–2015



Zdroj: Policejní prezidium ČR (2013–2015), SLDB (2011).

Source: Police Presidium of the CR (2013–2015), The Population and Housing Census (2011).

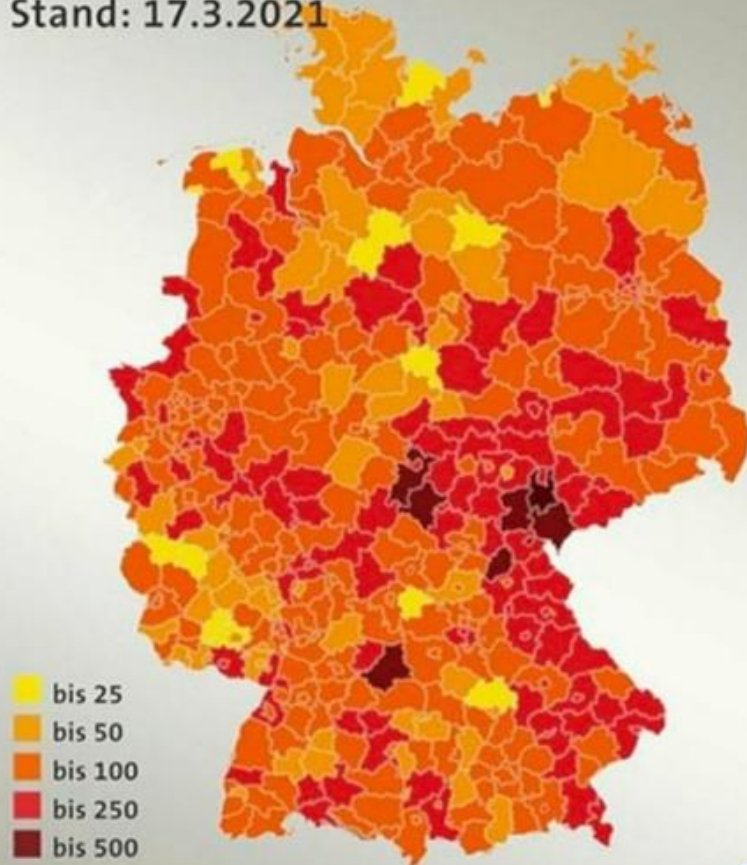


tagesschau



## 7-Tage-Inzidenzen der Landkreise

Stand: 17.3.2021



Quelle: Robert Koch-Institut  
© Maptiler / © openstreetmap.org

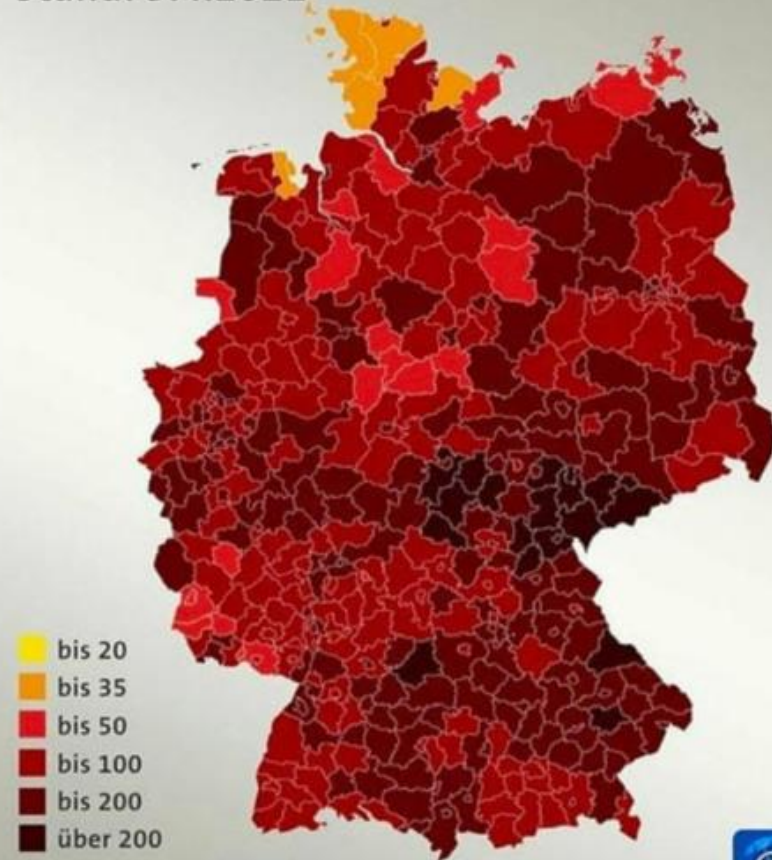


tagesschau



## 7-Tage-Inzidenzen der Landkreise

Stand: 9.4.2021

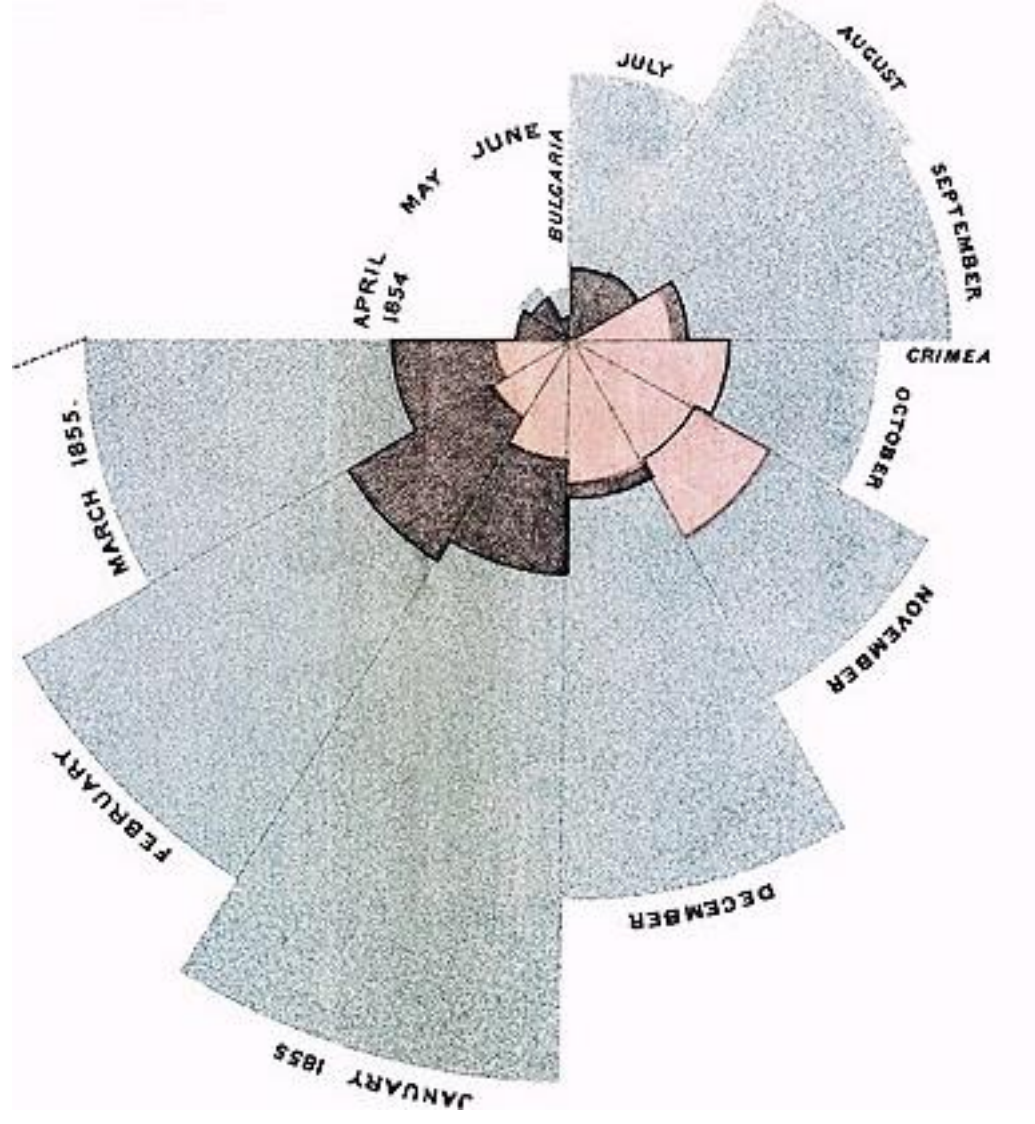


Quelle: Robert Koch-Institut  
© Maptiler / © openstreetmap.org





*manipulace* formou



# 2012 PRESIDENTIAL RUN

GOP CANDIDATES



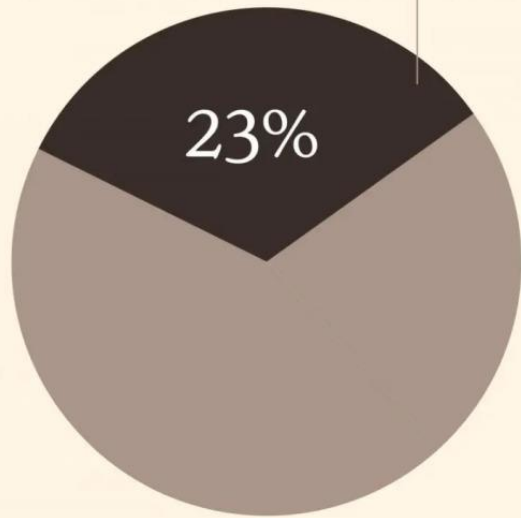
**FOX**

47'

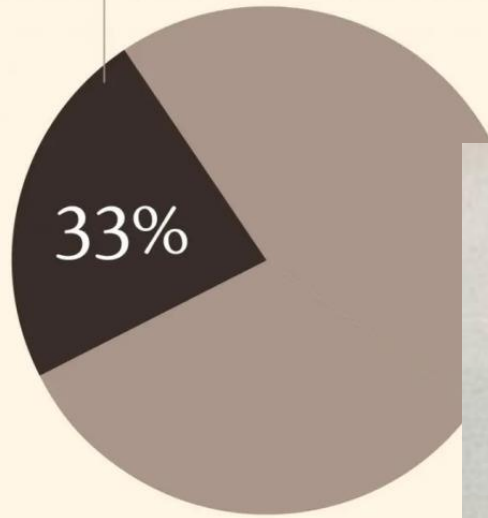
SOURCE: OPINIONS

DYNAMIC

Did not see a doctor when they needed to because of fear of being mistreated as a transgender person.



Reported having at least one negative experience related to being transgender with a health care provider.



National Center for Transgender Equality. US Transgender Survey, 2015. Available at: <http://www.ustranssurvey.org>

## VOTELINE

### SATURDAY'S RESULT

Can Julia Gillard win the next federal election?

10%  
YES

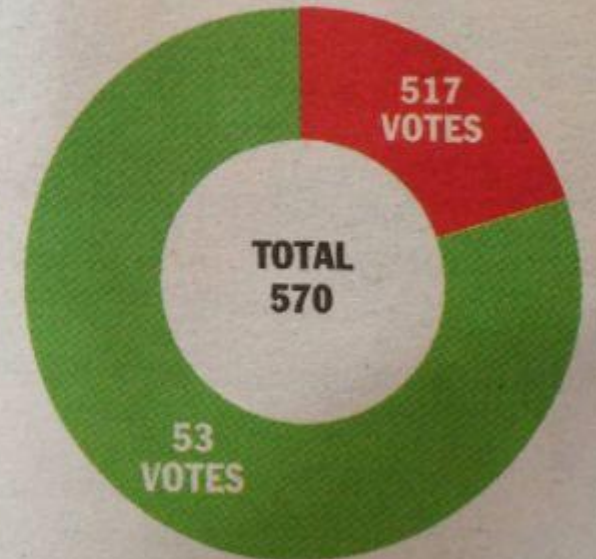
90%  
NO

### TODAY'S QUESTION

Do you like the plan to remove a car lane of the Princes Bridge for sole use by cyclists?

YES	1900 956 434
NO	1900 956 435

Calls cost 38.5c including GST. You can also have your say at [heraldsun.com.au](http://heraldsun.com.au) or [facebook.com/heraldsun](https://www.facebook.com/heraldsun)



# NBC2 VIEWER VOTE

NBC-2.COM

## HOW CONCERNED ARE YOU ABOUT THE ZIKA VIRUS?



88° 4:04

01

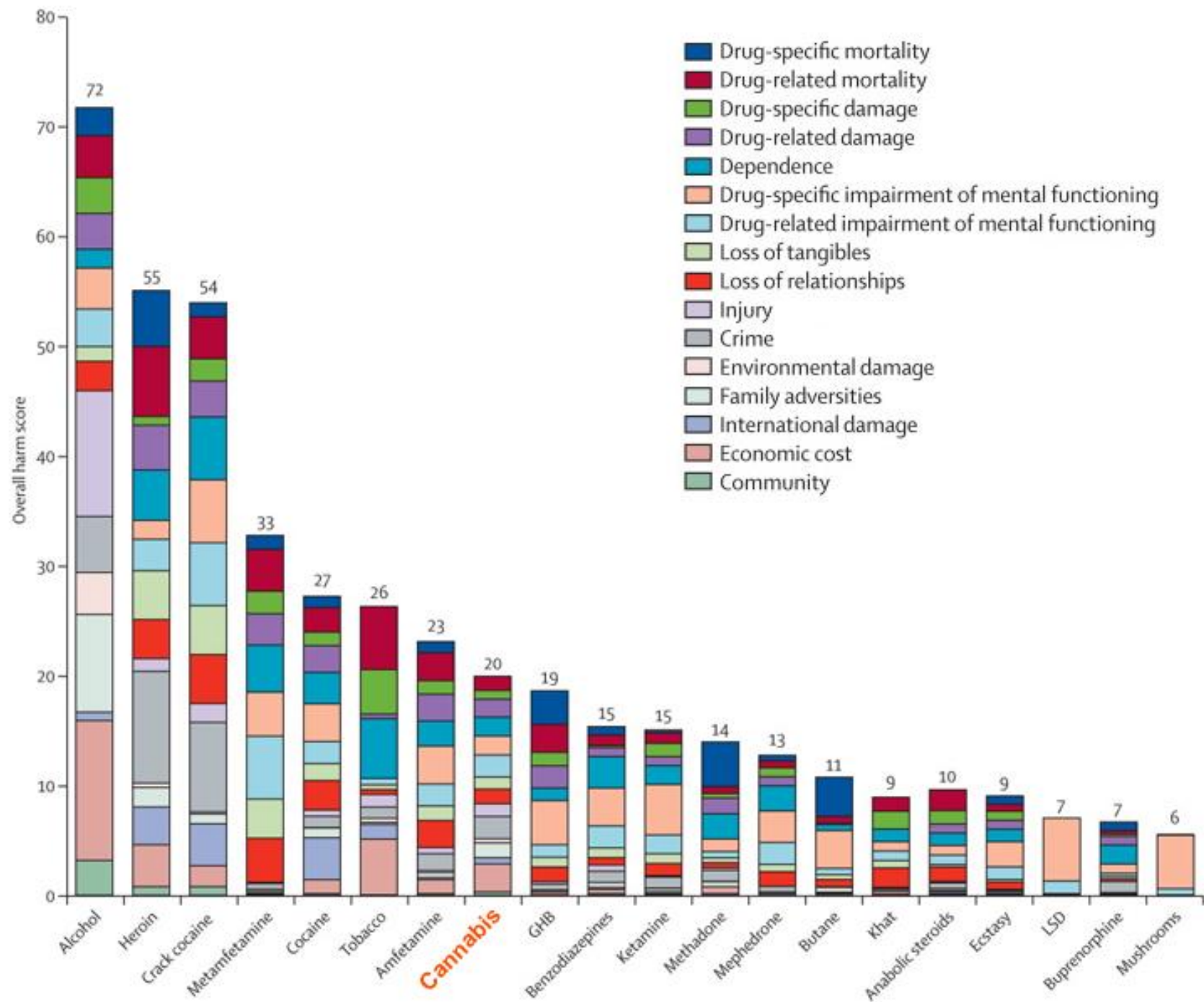
# PENÍZE ZA VOLBY



Zdroj: ČTK



SONY



# Co zaměstnance trápí nejvíce



Přemíra práce

64 %

Nedostatek ocenění

63 %

Odcizení a rutina

60 %

Ponížení

47 %

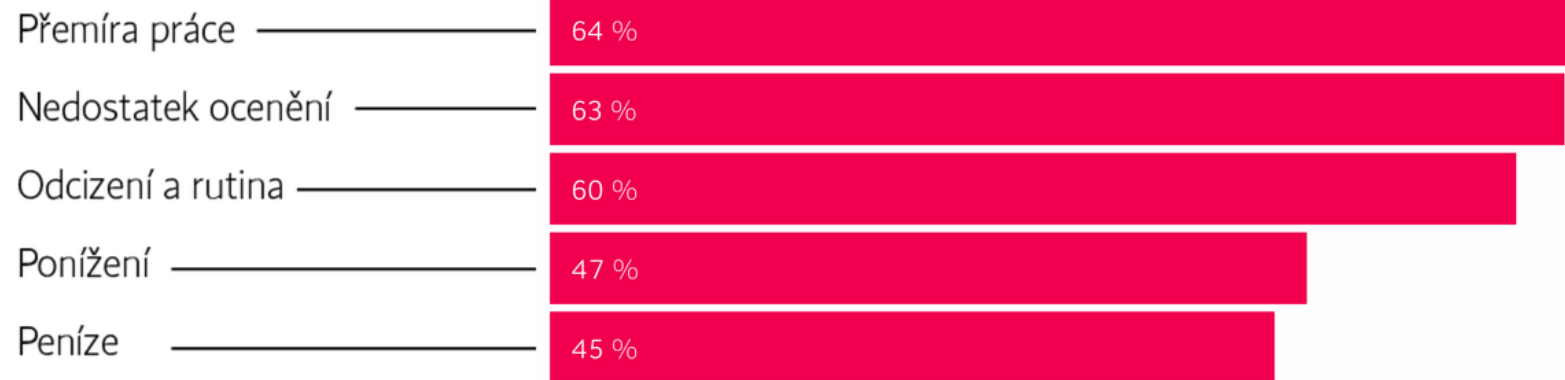
Peníze

45 %





# Co zaměstnance trápí nejvíce



# Co zaměstnance trápí nejvíce



# RESULTADOS

LUNES 29 DE NOVIEMBRE ACTUALIZADO A LAS 6:40 A.M.

ELECCIONES  
**2021**   
★★★★★  
**La Prensa**



**33.87%**

**607,237**  
Votos



**53.61%**

**961,181**  
Votos



**9.21%**

**165,203**  
Votos

# Země uprchlíků Sýrie

Důvody exilu jsou válka, politická perzekuce, přírodní katastrofy, ohrožení života.

**4 013 000** Počet uprchlíků

více než polovina dětí

Počet žádostí do EU 270 000

# Somálsko

**1 106 068** Počet uprchlíků

Počet žádostí do EU 219 000

Počet žádostí do EU 3

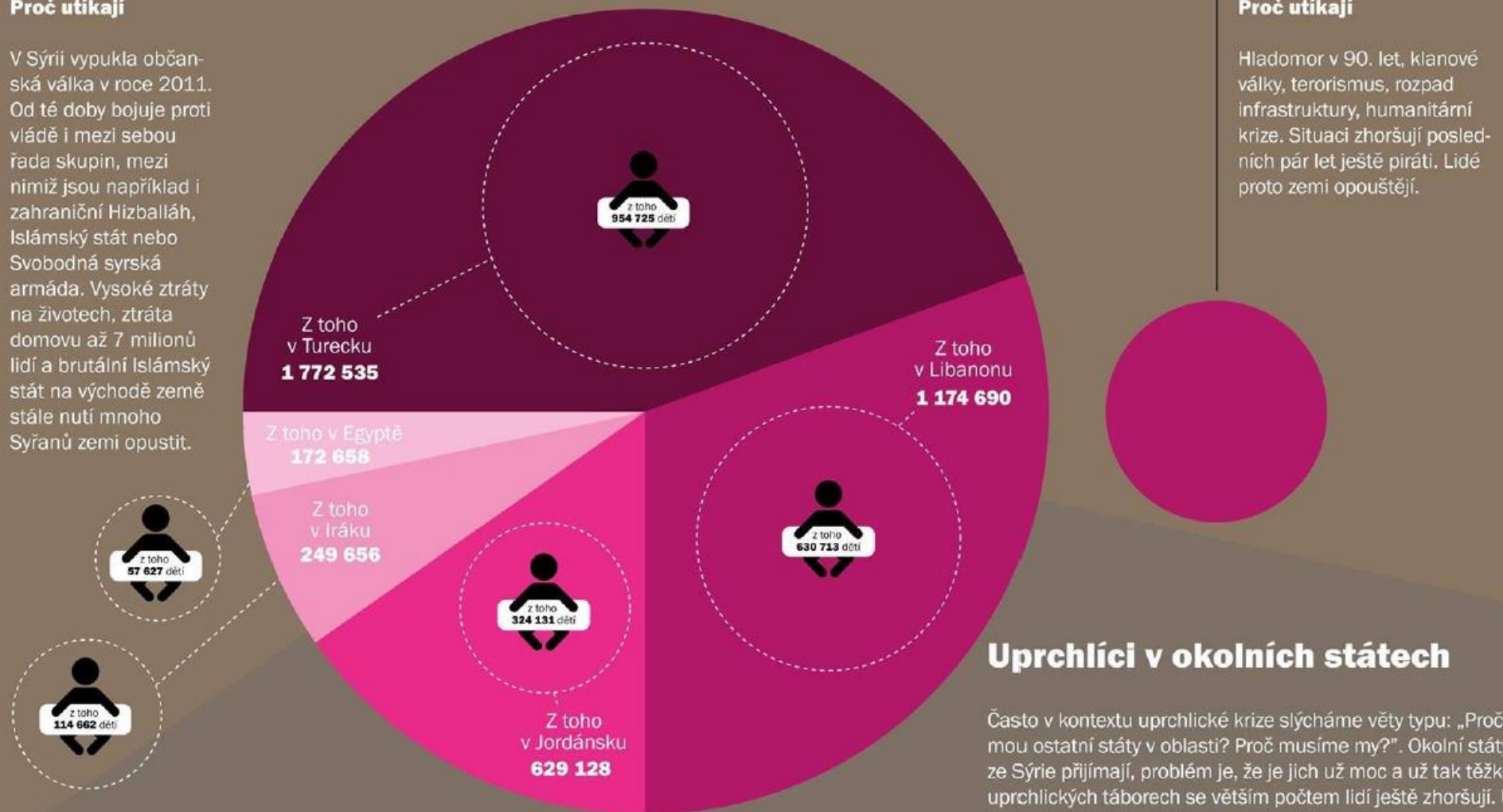


## Proč utíkají

V Sýrii vypukla občanská válka v roce 2011. Od té doby bojuje proti vládě i mezi sebou řada skupin, mezi nimiž jsou například i zahraniční Hizballáh, Islámský stát nebo Svobodná syrská armáda. Vysoké ztráty na životech, ztráta domovu až 7 milionů lidí a brutální Islámský stát na východě země stále nutí mnoho Syřanů zemi opustit.

## Proč utíkají

Hladomor v 90. let, klanové války, terorismus, rozpad infrastruktury, humanitární krize. Situaci zhoršují posledních pár let ještě piráti. Lidé proto zemi opouštějí.



## Uprchlíci v okolních státech

Často v kontextu uprchlické krize slyšíme věty typu: „Proč mou ostatní státy v oblasti? Proč musíme my?“. Okolní státy ze Sýrie přijímají, problém je, že je jich už moc a už tak těžk uprchlických táborech se větším počtem lidí ještě zhoršují. tedy pokoušejí dostat jinam, nejčastěji do Evropy.

# Země uprchlíků Sýrie

Důvody exilu jsou válka, politická perzekuce, přírodní katastrofy, ohrožení života.

**4 013 000** Počet uprchlíků

více než polovina dětí

# Somálsko

**1 106 068** Počet uprchlíků

Počet žádostí do EU 219 000

Počet žádostí do EU 370 000

Data: 3,6x víc

## Proč utíkají

V Sýrii vypukla občanská válka v roce 2011. Od té doby bojuje proti vládě i mezi sebou řada skupin, mezi nimiž jsou například i zahraniční Hizballáh, Islámský stát nebo Svobodná syrská armáda. Vysoké ztráty na životech, ztráta domovu až 7 milionů lidí a brutální Islámský stát na východě země stále nutí mnoho Syřanů zemi opustit.



Plocha: 14,7x víc

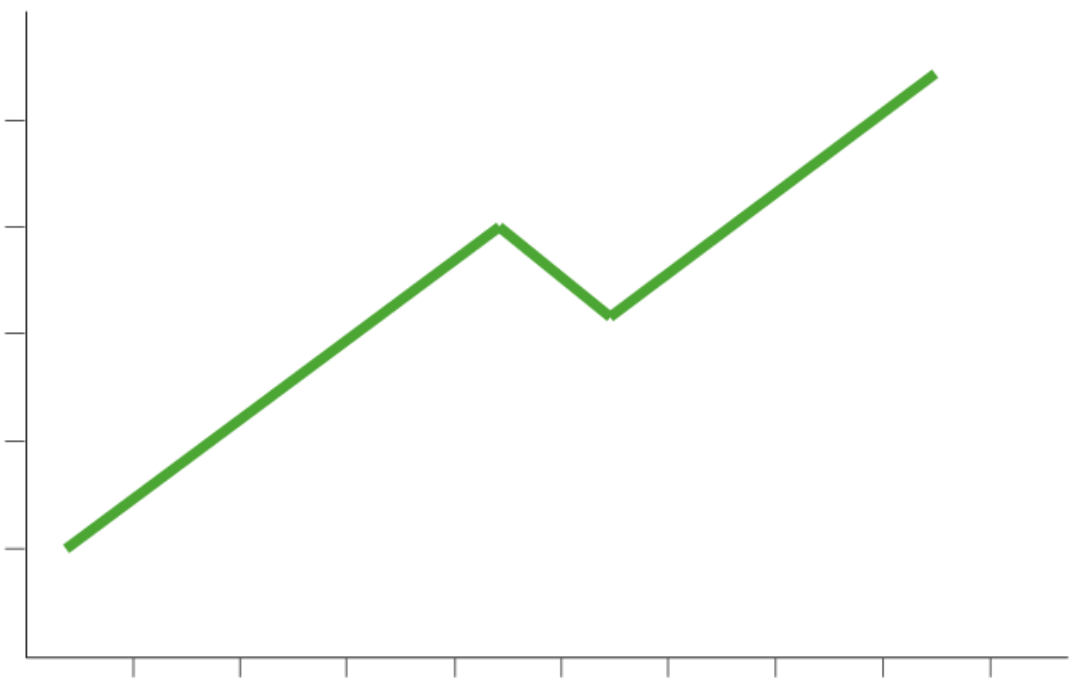
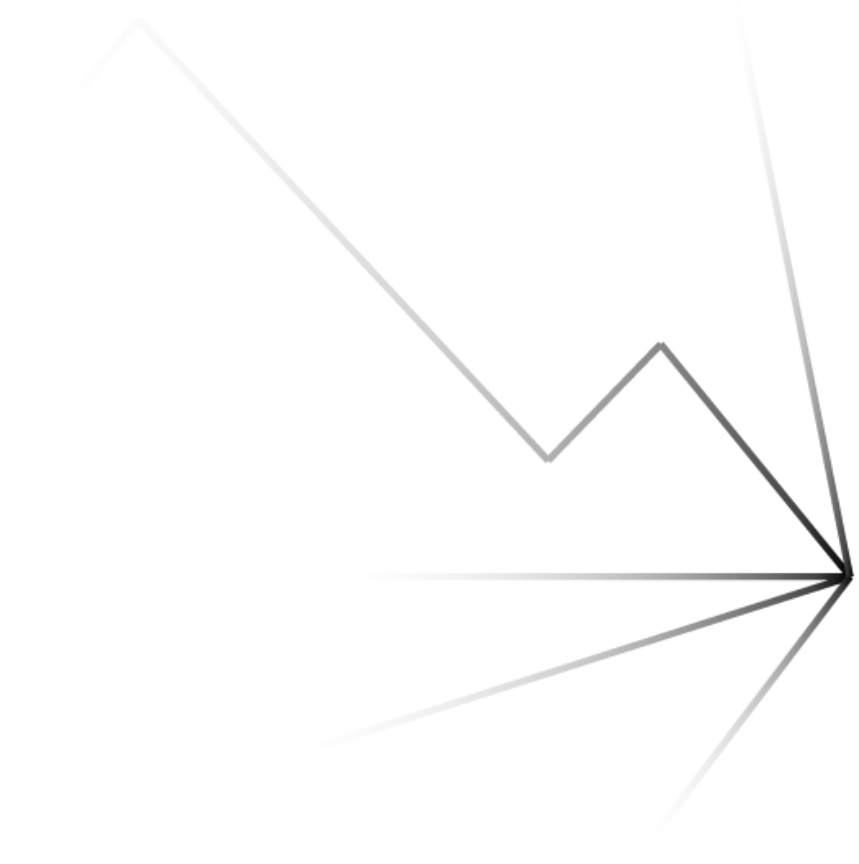
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*manipulace* kontextem



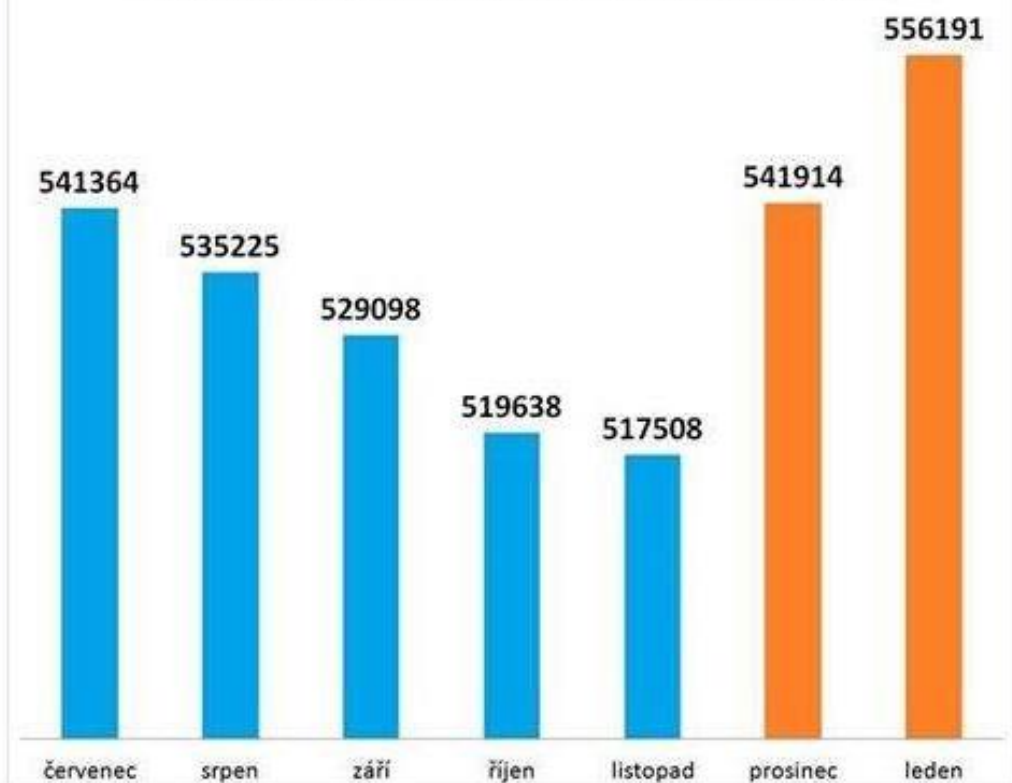


Občanská demokratická strana

February 17 at 10:59am · 🌐

Nejsou to radostná čísla: v době hospodářského růstu roste i nezaměstnanost. Přesto levicová vláda zvýšila minimální mzdu, ve zvyšování hodlá dál pokračovat. Může tak ohrozit další pracovní místa.

Počet nezaměstnaných je po půl roce na svém maximu



Like · Comment · Share · 👍 109 💬 80 ➦ 67

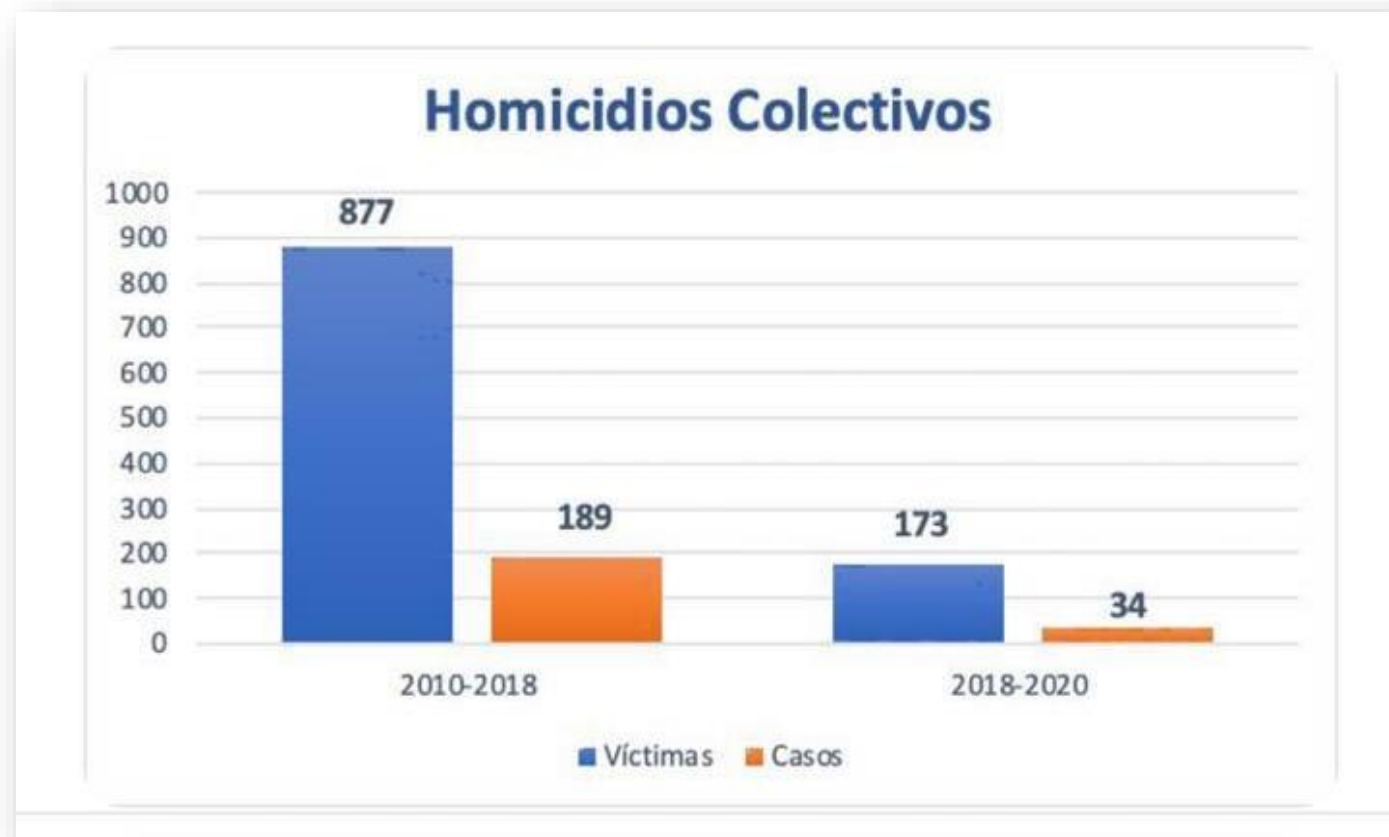
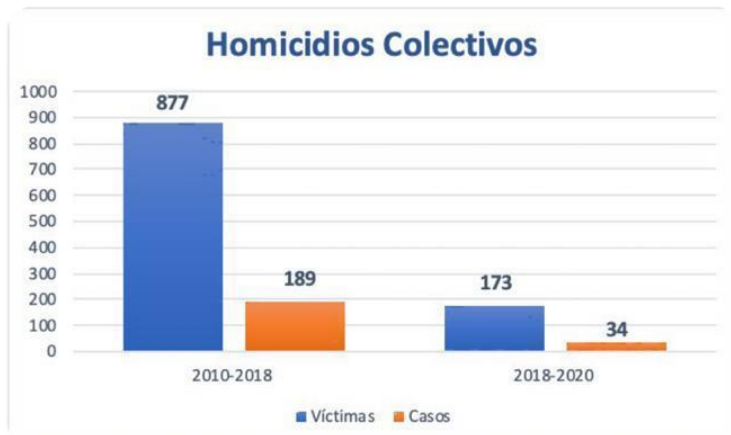




Iván Duque   
@IvanDuque

Nos duelen los muertos que deja la violencia producto de narcotráfico y terrorismo. Entre 2010 y 2018, nuestro país vivió 189 homicidios colectivos, y entre 2019 y 2020, 34 hechos de esa naturaleza. Seguiremos combatiendo a disidencias FARC, ELN, Clan del Golfo, carteles y otros.

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Tweet your reply

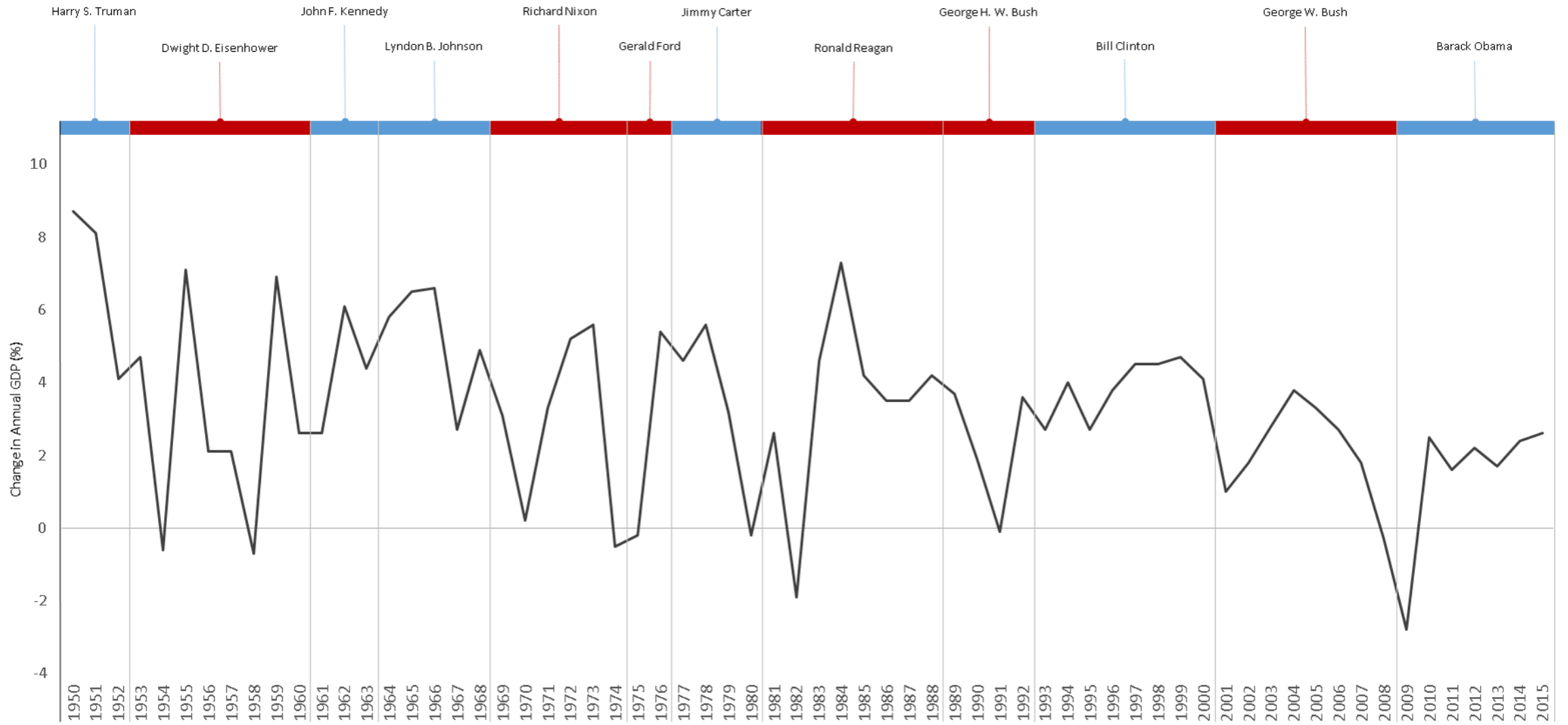


# AVERAGE ANNUAL ECONOMIC GROWTH



**\* UP TO JUNE 30, 2016**  
**SOURCE: BEA**

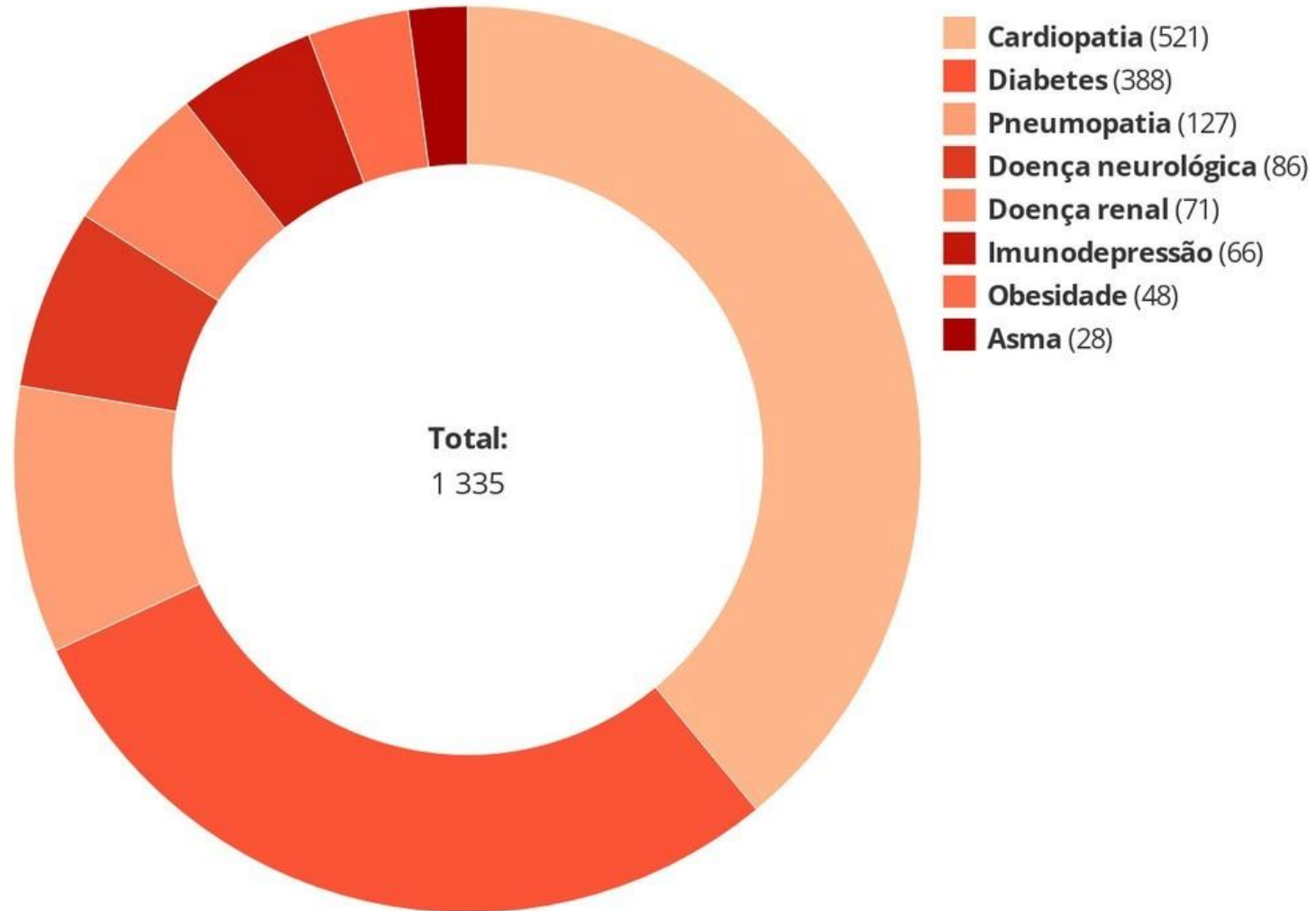
<https://twitter.com/realDonaldTrump/status/759507812963737600>



<https://analytical.com/blog/fox-chart-fail>

# Mortes de Covid-19 no Brasil

75% das vítimas tinham doenças associadas





FOX 28 Columbus ✓  
@fox28columbus

...

## 458 US officers died in the line of duty in 2021, highest since 1930

Přeložit Tweet



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458 US officers died in the line of duty in 2021, highest since 1930

ARLINGTON, Va. (WJLA) — Any officer will tell you that being shot, stabbed or run over are all risks that come with their job, but not since 1930 have as many ...



**FOX 28 Columbus** ✓  
@fox28columbus

## 458 US officers died in the line of duty in 2021, highest since 1930

Přeložit Tweet



### 458 TOTAL FATALITIES IN 2021

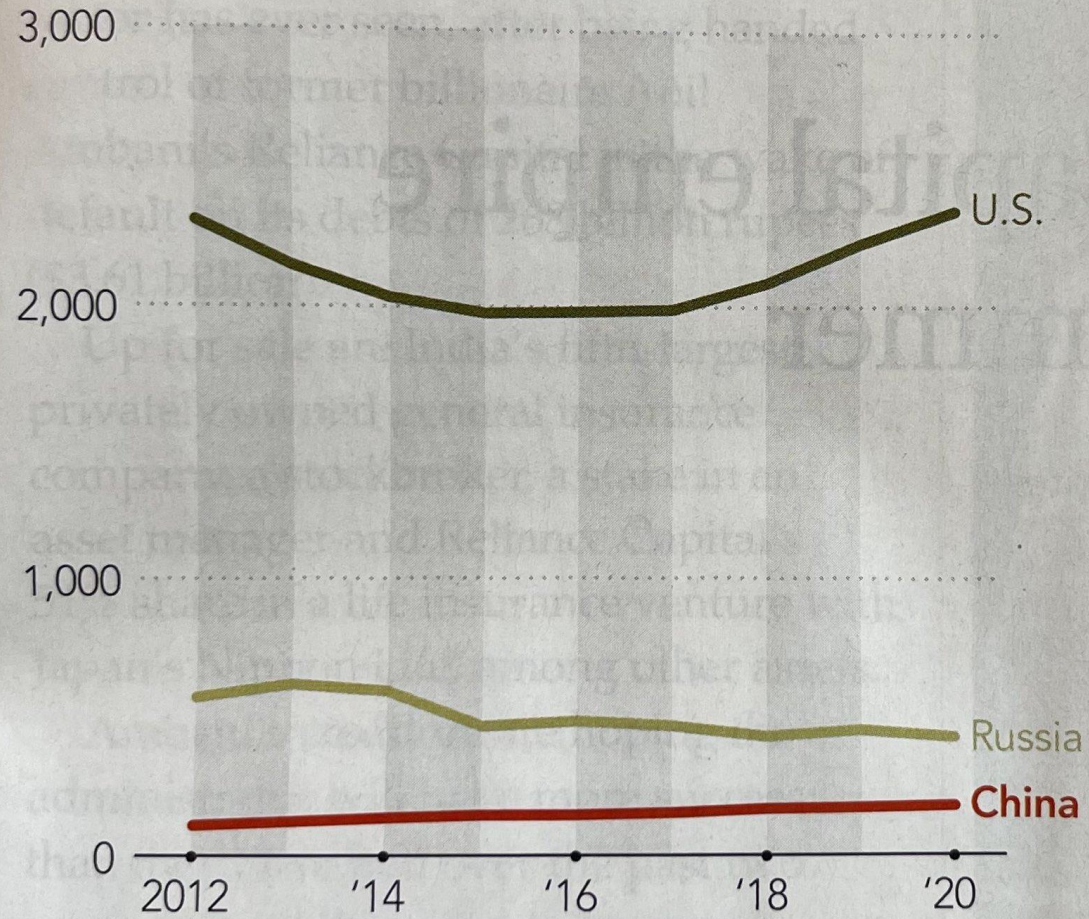


myfox28columbus.com

458 US officers died in the line of duty in 2021, highest since 1930, according to a report from the U.S. Department of Justice. ARLINGTON, Va. (WJLA) — Any officer will tell you that being shot, stabbed or run over are all risks that come with their job, but not since 1930 have as many ...

## China's military spending has risen steadily over the past decade

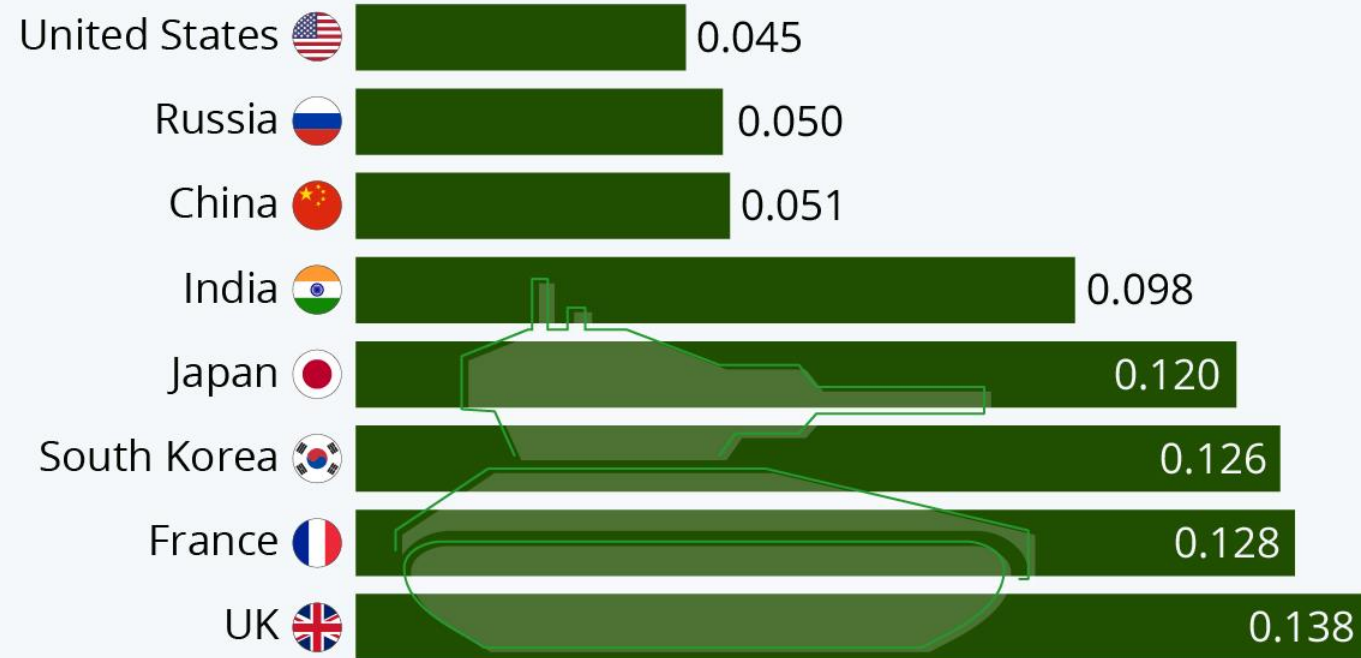
(Military expenditure per capita, in dollars)



Source: Stockholm International Peace Research Institute

# The World's Most Powerful Militaries

Countries ranked highest on the Global Firepower PowerIndex (0.000=perfect/most powerful)



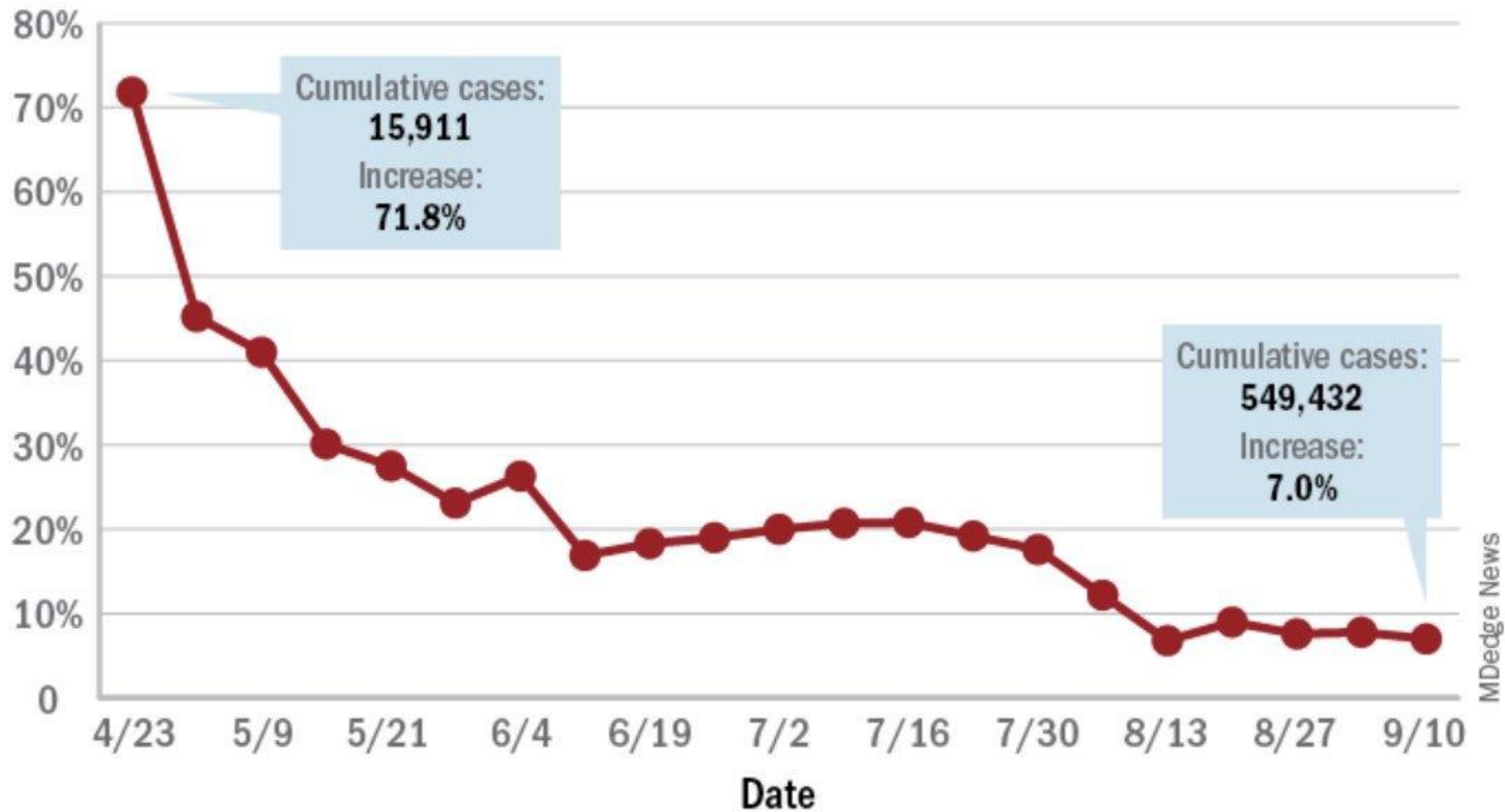
As of January 2022. Takes into account (among others): weapon numbers, weapon diversity, natural resources, available industries, manpower, financial stability

Source: Global Firepower





## Weekly increase in cumulative pediatric COVID-19 cases



Note: Data represent cumulative counts since state/local health departments began reporting.

Source: American Academy of Pediatrics, Children's Hospital Association

*manipulace* kognitivní



Burza cenných papírů Praha

@prazskaburza



Co kdybyste na začátku roku investovali 10 000 Kč? Porovnali jsme YTD výkonnost několika populárních světových titulů se zástupci #BCPP a kdo má tituly z pražské burzy ve svém portfoliu, určitě nelituje



Pilulka.cz a Skupina ČEZ

11:45 dop. · 11. 11. 2021 · Twitter Web App

# 10 000 Kč

na začátku roku vs dnes



\*Data se vztahují k průběhu dne 10. 11. 2021