

In Episode 57DHXD 1 RAWSEP View 2 Headlines 3 Electric Cars 4 Non Electric Cars 5 Arizona and across the United States 6 The Bad Ugly Bill in 10 Charts 7 Tesla Musk Electric Car Safety Defects 8 United States Science NIH Scientists Link Air Pollution and Lung Cancer Mutations in Non Smokers Main Content

1 RAWSEP View Movie Star Brad Pitt racing non electric cars puts a mega influencer spin on the old tired formula of racing cars which pollute the air and should be relegated to the junkheap of non electric vehicles See story below RAWSEP would like to point out that despite the greenwashing sustainability argument of using biofuels instead of gasoline biofuels also pollute the air and probably like wood burning compared to coal burning probably emit more particulates than gasoline burning But despite the outcry of even mega villain Elon Musk whose self driving cars are apparently more accident prone than the average self driving electric car See the story below Trump went ahead on stopping electric car subsidies by the end of this year in the Trump Budget Bill order to boost profits for the old tired fossil fuel industry See Story below China is expected to leap ahead of the United States in electric car production and reap the more profits from that market as a result of the Trump Budget Bill

1A RAWSEP View Brad Pitt is a hit in the F1 movie out this summer about Formula 1 race cars The cars are not electric cars and the Editor of RAWSEP asked for a comparison of race car emissions from sedan emissions from Google AI Here is the answer Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Google AI July 5 2025 The emissions from race cars are In comparison to typical sedans? AI replied Here is a breakdown Fuel Efficiency Race cars like NASCAR stock cars or Formula 1 vehicles are designed for performance and not fuel efficiency typically consuming significantly more fuel per mile than a standard sedan Fuel Type While some racing series such as NASCAR utilize fuel blends with ethanol which can be considered cleaner than standard gasoline Formula 1 cars still rely on gasoline Emissions per Event A single NASCAR race weekend can involve a substantial amount of fuel consumption and carbon dioxide emissions with estimates suggesting millions of pounds of CO2 released annually across the entire season Overall Footprint It is crucial to consider that for major racing events like Formula 1 the emissions generated by the race cars themselves represent a small portion of the overall carbon footprint Logistics including transporting cars equipment and personnel across the globe contribute the majority of the emissions Motorsports organizations are taking steps towards sustainability such as introducing biofuels RAWSEP View The term Sustainability is greenwashing in this case Yes corn or other crops used for biofuels are more sustainable than fossil fuels because fossil fuels will run out at some point and corn can be grown again and again but the pollution from biofuels is similar or more in term of particulates PM two point five than fossil fuels When the Editor of RAWSEP asked Google AI if biofuels are more polluting than gasoline AI replied that due to complexity it was hard to see the difference in greenhouse gas pollution but with regard to particulate matter biofuels can increase emissions of particulates such as PM two point five Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization Google AI July 5 2025 2 Other Pollutants Particulate Matter and Nitrogen Oxides While biofuels may reduce some pollutants like sulfur dioxide, they can also increase emissions of particulate matter and nitrogen oxides, which can contribute to respiratory problems and smog Evaporative Emissions Ethanol gasoline



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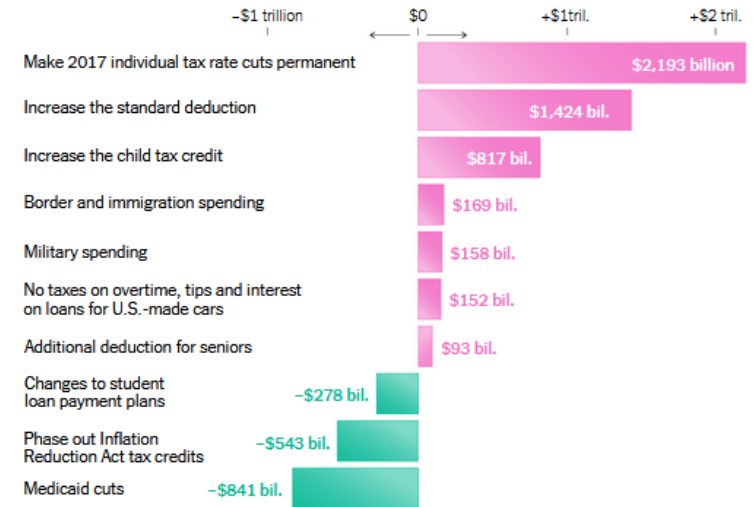
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Our Rich Keep Getting Richer

Impact on the deficit over 10 years



Sources: The Washington Post; Joint Committee on Taxation; C.B.O.

blends can have higher evaporative emissions compared to gasoline alone which can contribute to ground level ozone formation

1B RAWSEP View In comparison another source of air pollution and **the source that RAWSEP is most concerned with is wood burning** Indoor Residential Wood burning is an unfortunately still a personal choice rather than the possibility existing right now of regulating wood burning out of existence using PurpleAir PM2 point five monitor data showing level of pollution in the yards of near neighbors when residential wood burning is done in a hyper localized area Solar and wind power is becoming cheaper and cheaper and Heat Pump Rebates are offered across the United States make Heat Pumps the cheaper better and non polluting alternative for home heating than indoor residential wood burning The editor of RAWSEP asked the same type of comparison question of A I as above this time concerning wood burning pollution compared to the fossil fuel coal burning pollution **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** Google A I July 5 2025 The emissions from wood burning compared to coal burning? Here is a more detailed breakdown Higher CO2 emissions Wood burning releases more CO2 per unit of energy produced than coal Although trees absorb CO2 as they grow the carbon released from burning wood can outweigh the amount absorbed for many years especially if forests are not sustainably managed **RAWSEP interjects that trees close their pores against PM two point five from nearby wood burning just as humans hold their breath in the presence of PM two point five from nearby wood burning And when a tree closes its pores it absorbs less or no CO2 from that nearby wood burning** **Back to the article** Particulate matter and other pollutants Wood smoke contains a significant amount of particulate matter PM2 point five which can cause respiratory problems and cardiovascular issues It also releases black carbon a potent contributor to climate change and various toxic pollutants like benzene and formaldehyde Impact on forests Harvesting trees for fuel also reduces the capacity of forests to act as carbon sinks Efficiency concerns Wood combustion is generally less efficient than coal combustion meaning more wood is needed to produce the same amount of energy Is wood heating climate change friendly? Breathe Clean Air reference In summary while wood burning is often presented as a cleaner alternative to fossil fuels scientific evidence indicates that it can be **more polluting than coal** particularly in terms of carbon emissions and **air quality**

1C RAWSEP agrees with the research and expert analysis of Heather Cox Richardson of the Trump Budget Bill following On July 4 2025 Trump signed the nearly 1000 page budget reconciliation bill Republicans passed last week **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** Substack Letters from an American Heather Cox Richardson July 5 2025 Trump had demanded Congress pass the measure by July 4 and Republicans rammed it through despite the deep unpopularity of the bill and the lack of debate in Congress on the bill House speaker Mike Johnson Republican of Louisiana presented Trump with the gavel of the speaker during the signing event The new law is the capstone to the dramatic changes MAGA Republicans have made to the U S Government in the last six months The measure makes the 2017 Trump tax cuts for the wealthy and corporations which were due to expire at the end of this year permanent At the signing of the bill Trump harked back to the idea Republicans have embraced since 1980 claiming that tax cuts spark economic growth He said After this kicks in our country is going to be a rocket ship economically In fact **tax cuts since 1981 have not driven growth**



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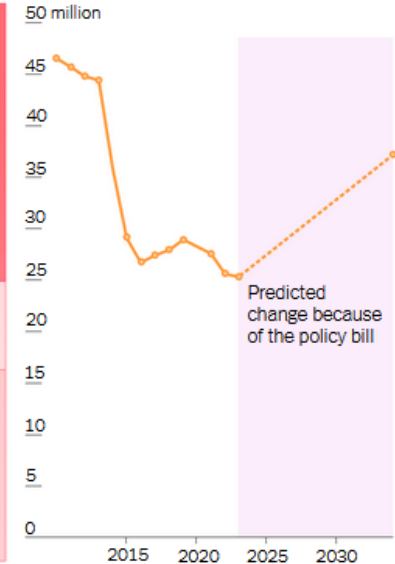
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Millions Lose Access to Medicaid

How the bill will reduce Medicaid spending

Work requirements 31%	Make it more difficult for states to fund Medicaid 18%
Repeal rules simplifying eligibility and renewal 16%	Check Medicaid eligibility more frequently 6%
Limit payment to providers 14%	Other 13%

How the number of uninsured Americans will grow



Sources: KFF; C.B.O. - Note: Minor changes at the end of the Senate process may result in a slightly smaller increase in uninsured. Projections do not include other potential changes in the number of uninsured.

and a study by the nonpartisan estimates project that **the measure will decrease national productivity known as gross domestic product GDP** by 0 point 3% in ten years and drop the average wage by 0 point 4% in the same time frame From 1981 to 2021 tax cuts moved more than 50 trillion dollars from the bottom 90% to the top 1% and estimates project that the top 10% of households will receive about 80% of the total value of this law too Those in the top 20% of earners can expect to see nearly 13000 dollars a year from the bill while those in the bottom 20% of households will lose about 885 dollars in 2030 as the pieces of the law take effect Past tax cuts have also driven budget deficits and increases in the national debt and like them this law will increase the deficit by about 3 point 4 trillion dollars over the next ten years according to the nonpartisan Congressional Budget Office The CBO also projects that interest payments on that debt will cost more than 1 trillion dollars a year Economists investors and politicians are sounding the alarm that the U S is bingeing on debt when there is no national emergency like a pandemic or a war to require taking on such debt The measure will raise the debt ceiling of America by 5 trillion dollars The Republican reliance on tax cuts to increase economic growth has inspired them to cut public programs since 1981 The new law of Republicans continues the cuts begun as soon as Trump took office cutting 890 billion dollars from Medicaid over the next ten years and about 230 billion dollars out of the Supplemental Nutrition Assistance Program **It cuts tax credits for wind and solar power while promoting fossil fuels** At the White House on Friday Trump said I just want you to know if you see anything negative put out by Democrats it is all a con job He claimed the new law is the most popular bill ever signed But it is clear administration officials are well aware that polls showed Americans disapproving of the measure more than approving by the huge gap of around 20 points The law does not eliminate federal income taxes on Social Security benefits Instead it gives a temporary tax deduction of up to 6000 dollars for individuals older than 65 with annual incomes less than 75000 dollars or 12000 dollars for married couples with incomes less than 150000 dollars

2A Headlines The New York Times July 5 2025 **Electric Cars What are Kei Cars and Trucks and How Can You Get Them The New York Times** **Electric Cars Not Electric Cars Opinion F1 Is a Triumph of the Movie Star The New York Times** **Trump Actions Opinion The Trump Politicized F B I Has Made Americans Less Safe The New York Times** **Trump Budget Bill Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class Trump Signs Signature Policy Bill at Independence Day Event The New York Times** **Trump Budget Bill Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class States Brace for Added Burdens of The Trump Tax and Spending Law The New York Times** **Trump Budget Bill Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class Opinion Three Urgent Lessons for Democrats From the Big Awful Bill The New York Times** **Trump Budget Bill Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class Opinion Filling Jobs and Bridging the Blue Collar Gap The New York Times** **Trump Budget Bill Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class Opinion The Ugliness of the Big Beautiful Bill in Charts The New York Times** **Texas and Climate Change Mother of 2 Rescued Campers in Texas Relays Their Story The New York Times** **Texas and Climate Change Camp Mystic in Texas Where 20 Children Are Missing Is Nearly a Century Old The New York Times** **Texas and Climate Change In Texas Flooding the Most Urgent Alerts Came in the Middle of the Night The New York Times** **Texas and Climate Change Live Updates Rescuers Search Through the Night After Texas Floods Kill at Least 24 The New York Times**



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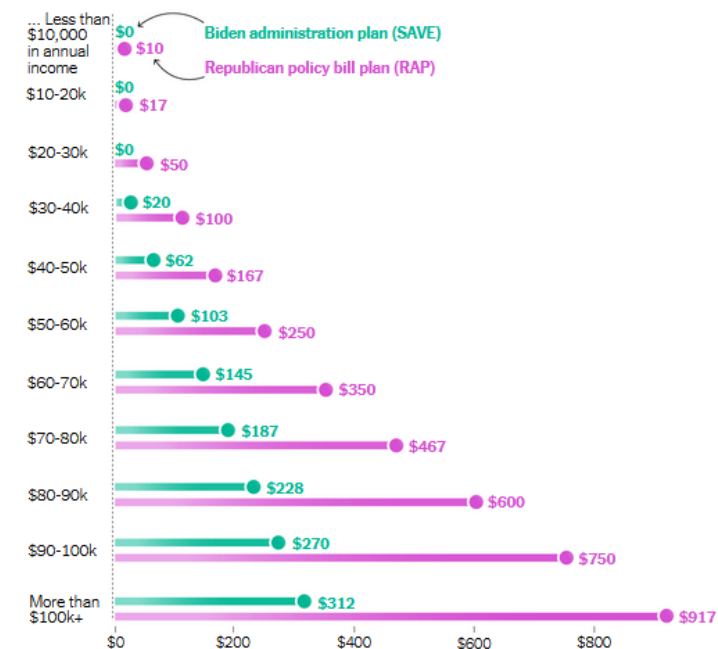


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The Cost of College Will Soar

Average monthly student loan payments

For student loan borrowers with...



Source: Student Borrower Protection Center

2B Headlines The Guardian July 5 2025 **Electric Cars Musk** The vehicle suddenly accelerated with our baby in it the terrifying truth about why the Tesla cars keep crashing **Tesla The Guardian** Texas flooding latest desperate search for girls swept away at summer camp as flood kills 24 **Trump Actions** Donald Trump says he wants to stage UFC fight on White House grounds **UFC The Guardian** **Trump Actions** Trump to start TikTok sale talks with China he says with deal pretty much reached **TikTok The Guardian** **Trump Budget Bill** **Science and Scientists** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class The American system is being destroyed academics on leaving US for scientific asylum in France **Academics The Guardian** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class No one wanted The Trump devastating budget bill Of course it passed **Moira Donegan The Guardian** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class Trump signs tax and spending bill into law in major win for administration **Donald Trump The Guardian** **Trump Tariffs** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class US dollar has worst first half in more than 50 years amid Trump tariffs **Dollar The Guardian**

2C Headlines Inside Climate News July 5 2025 **New York** **Climate Change and Nature** **Environmentalism** **Helping Bees Find New Homes Across New York City** From Fresh Kills to Street Planters **Inside Climate News** **New York** **Zohran Mamdani Made Addressing Climate Change Central to His Affordability Plan for New York** **Inside Climate News** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class A bittersweet Fourth – **Inside Climate News** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class **Big Beautiful Bill Set to Slash Through U S Climate and Justice Drive** **Inside Climate News** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class **EPA Employees Called on the Agency to Stop Undermining Public Health** **The Trump Administration Put Them on Leave** **Inside Climate News** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class **National Science Foundation to Leave Virginia Headquarters as HUD Moves Out of DC** **Inside Climate News** **Trump Budget Bill** **Trump Tax Cuts for the Rich** funded by cuts to the Poor and Middle Class **Nations Must Act to Face Climate Crisis** **Top Regional Court Says** **Inside Climate News** **Trump Budget Bill**

Trump Tax Cuts for the Rich funded by cuts to the Poor and Middle Class **NIH Scientists Link Air Pollution and Lung Cancer Mutations in Non Smokers** **Inside Climate News**

3 Electric Cars They are Tiny They are Slow And People Are Obsessed In an era of supersized pickups and SUVs Kei cars and trucks bring a very little piece of Japan to the United States Getting one on the road can be complicated The Capital Kei Car Club is one of many groups dedicated to the tiny Japanese vehicles They held a meet up in Alexandria Virginia this month **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The New York Times June 29 2025 Ubiquitous in Japan for decades Kei trucks are extremely small decidedly slow and despite a series of federal and state laws that can make them difficult to import and register quietly growing in popularity among American consumers Autozam AZ 1 managed to stand out even among the other Kei cars thanks to its distinctive gull wing doors Each built to Kei class standards about 11 feet 1 inch long and 4 feet 10 inches wide or smaller and powered by three or four cylinder engines Bumper stickers that alluded to the presence of enough horsepower to mow a small lawn Amid steroid fueled the S U V and oversize sedans Kei pronounced like Hey is short



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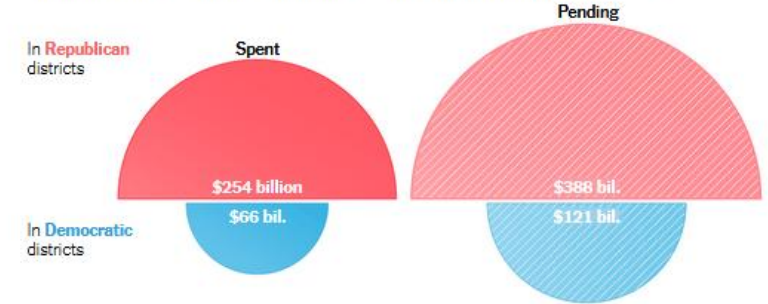
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What Climate Change?

Clean energy investments announced since the Inflation Reduction Act



Source: Clean Investment Monitor Note: Data is from the third quarter of 2022 through the first quarter of 2025. Excludes roughly \$14 billion where the congressional district is unclear or the seat is vacant.

SPEAK OUT AS LONG AS YOU NEED TO!



for kei jidōsha which loosely translates to light vehicle They are affordable J D M stands for Japanese domestic market We had a bunch of video games that let us drive mid to late 1990s J D M cars and now they are becoming available All of our cars are slow as hell Old too The federal government requires foreign vehicles to meet certain safety and emissions standards in order to be imported And while Kei vehicles almost always fall short of those standards foreign vehicles that are at least 25 years old are exempt and can be imported as classics or antiques Translation The latest models now on American roads are from the year 2000 In Japan there are parking garages that house Kei vehicles that are eagerly awaiting their 25th birthdays so they can be shipped off and hit the open road or perhaps a quiet suburban street an ocean away And at a time when cars can be painfully expensive the average new car sells for nearly 49000 dollars according to Kelley Blue Book While the average used car sells for more than 25000 dollars imported Kei vehicles often cost less than 10000 dollars sometimes much less A lot of younger people feel like the American auto industry has lost its way The smallest U S pickup truck you can get is still monstrous You do not need a 30 foot long Ford F 150 to go get mulch from the hardware store A 1992 Suzuki Cappuccino is a two seat sports car that rides so low that it appears to be in danger of being swallowed by a pothole It is like a road legal go kart Potential consumers in the United States typically face a choice buy one from a business that already went through the byzantine process of importing the vehicle from Japan or attempt to save some money by doing the legwork themselves Even once you successfully acquire a Kei truck and get it registered there is plenty of learning to be done Because they are meant for use in Japan where people drive on the left side of the road the steering wheel is on the right side Most of them have manual transmissions which requires drivers to learn an antiquated skill and to do it with their left hand Mastering the metric system is useful as well since the speedometer is in kilometers per hour You cannot have a big ego and drive a Kei car especially when you look like an idiot getting in and out of it Some people have no issues learning to shift with the left hand The problem is the turn signal which is on the opposite side of the steering wheel I kept turning the windshield wipers on instead one woman said Her 15 year old daughter who is into cars has gotten a kick out of the Sambar too And before long her parents said Olivia will be hitting the clutch and shifting into a modest gear She can apply for her permit to learn to drive in three months

4 Non Electric Cars Brad Pitt Whom So Proudly We Hail Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501 c3 nonprofit organization The New York Times July 5 2025 So many norms and institutions are broken in these too often divided United States But as we celebrate the 249th birthday of America let us also salute one thing that still works Brad Pitt Conventional Hollywood wisdom has it that movie stardom is a thing of the past I am here to celebrate the old school triumph of F1 The Movie the Brad Pitt racecar vehicle literally that debuted last weekend with upwards of 145 million dollars at the worldwide box office the best opening of the Pitt career F1 is Formula 1 the title is even trademarked But this is a sport way down on the lists of most viewers The sell here is Brad Pitt in a fast car Vroom! Pedal to the metal! The carbon footprint is all American! The race sequences are genuinely thrilling It is a rare contemporary movie that knows how to use a movie star Pitt smiles but rarely grins always just a little bit wary In opposition he does not glare He just tilts his head back skeptically He has got the tensile stillness of Steve McQueen and the movie even gives him some McQueen shtick bouncing tennis balls against a wall the epitome of flippant cool The F1 screenplay posits the Pitt character Sonny Hayes as a rough and tumble old school cowboy does not take orders goes his own way and is filmed like a Western hero He is seen walking



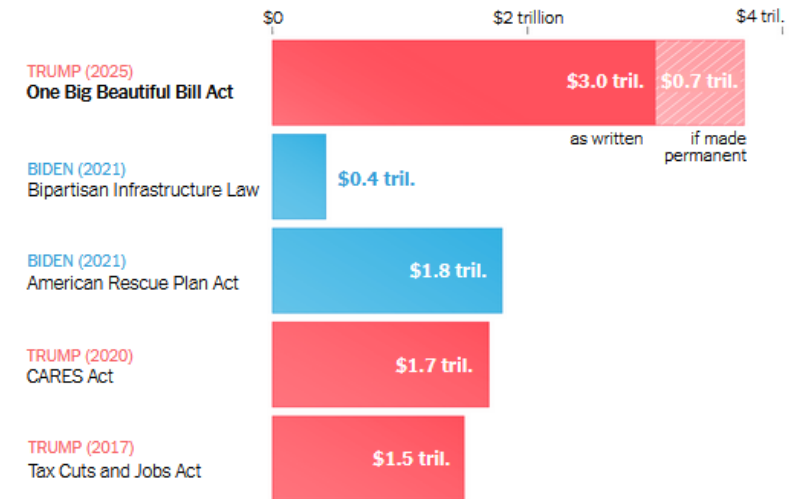
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Trump's Biggest Budget Buster

The relative scale of Trump's domestic policy bill



Sources: Center for a Responsible Federal Budget; the Budget Lab

down the pit lane to save the day as if he were the kind of lone gunslinger Ever seen a miracle? Sonny asks earlier in the picture previewing his climactic triumph against all odds in the last big race of the season Watching F1 for two and a half hours I believed in Brad Pitt the icon

5 US States from Arizona across the United States Governor Katie Hobbs of Arizona called the federal budget bill devastating for her state **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization** The New York Times July 5 2025 **Illinois** Governor JB Pritzker Democrat of Illinois and legislative leaders might hold a special session to deal with the new law even though the recently passed state budget already includes 100 million dollars to cover shortfalls in federal funding **Arizona** Another Democrat Governor Katie Hobbs of Arizona has warned that even her Arizona 1 point 6 billion dollars emergency fund will be insufficient to weather what is coming because even if we cut every single thing in the state we do not have the money to backfill all these cuts Even before the final passage of the bill state capitals were contending with a slowing economy and federal spending cuts implemented by the Department of Government Efficiency run by Elon Musk Now they will be expected to administer complex new work requirements for Medicaid and food aid rework some state health insurance exchanges under the Affordable Care Act and decide how much they can do to keep their citizens insured and fed once they start losing federal assistance **Kansas** What is happening in Washington D C is undermining everything we have been working on said Governor Laura Kelly of Kansas a Democrat State budgets have been generally strong in recent years as a result of billions in Covid 19 relief money economic growth and a record breaking stock market that has generated more taxes than anticipated A robust jobs report on Thursday looked rosier that expected in large part because gains in state and local Government employment last month obscured stagnant job growth in the private sector Many states both red and blue have also enthusiastically cut taxes for residents and businesses The Fiscal Years of Most state Governments began on Tuesday July 1 2025 But Governors and legislators have had to keep an eye on specific provisions in the federal bill that could have outsize effects such as a 50 billion dollars fund for rural hospitals to offset the impact of Medicaid cuts which was ultimately included Now that the fine print in the Trump package is coming into focus a left leaning research group said that states would have three main options for dealing with the new law 1 They can scale back their investments in health and food assistance that are directly affected by the federal legislation 2 They could shuffle money around to preserve health insurance Hey we do not want 600000 North Carolinians to lose health insurance but we are going to take money away from education to do it 3 We can see tax increases Some states will use a mix of all three The Trump law includes nearly 1 trillion dollars in cuts to Medicaid by 2034 scaling back the program that pays for the health care of roughly 78 million adults and children It also sharply curtails federal spending on the Supplemental Nutrition Assistance Program or SNAP which provides monthly food assistance payments to about 42 million families A new requirement that Medicaid enrollees prove they are employed every six months also leaves states with the difficult task of building out software systems to track eligibility by the end of 2026 States that run their own exchanges to sell subsidized health insurance through the Affordable Care Act will have to institute additional paperwork burdens for recipients And states are also required to administer new SNAP work requirements In **Georgia** which expanded Medicaid in 2023 to low income people who could prove their employment only 3 percent of uninsured Georgians with qualified incomes were enrolled in the program which cost nearly 92 million dollars For the 40 states that expanded Medicaid to lower income workers under the



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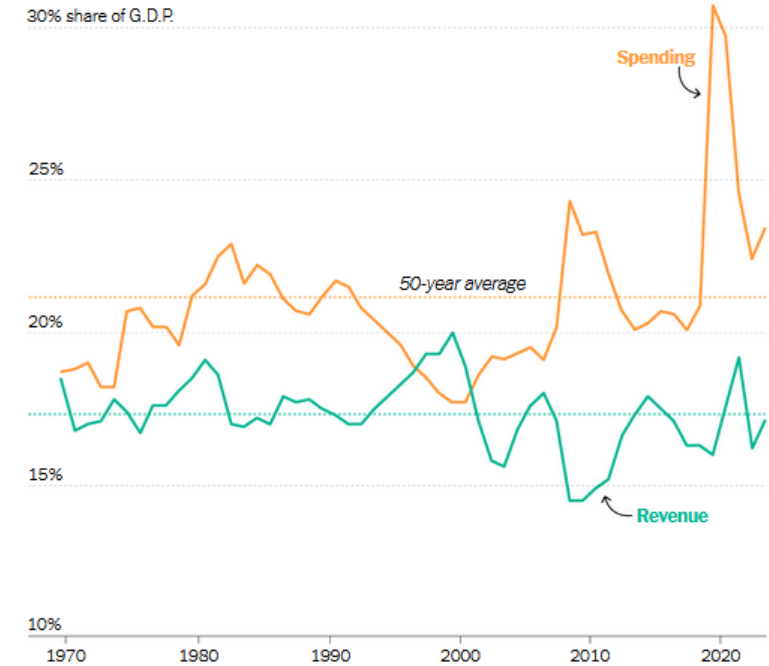
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Spending Has Drifted Out of Balance

Federal revenue vs. spending



Source: WhiteHouse.gov

Affordable Care Act the fate of that extra coverage has loomed particularly large. Many states especially those that expanded Medicaid impose taxes on medical providers to leverage a larger federal contribution the federal Government reimburses hospitals and other providers for that tax payment enabling the state to give much of the tax back. The new law reduces the rate at which certain states can tax providers a big blow that will hit beginning in 2028. [Among the states that could lose more than 7 point 5 percent of their total federal Medicaid funding are Arizona Iowa New Hampshire Nevada Vermont Michigan and Oregon](#). [RAWSEP has excerpted comments about Medicaid cuts from Kentucky Oregon California and Hawaii](#). [Governors and a comment on the immediate effect of Medicaid cuts on rural health care in Nebraska](#). Andy Beshear the Democratic Governor of [Kentucky](#) predicted that the law would devastate rural America and that our economy will suffer. He called it the worst piece of legislation I have seen in my lifetime. A spokeswoman for Governor Tina Kotek of [Oregon](#) another Democrat said that just the provider assessment cuts alone would cut more than 10 billion dollars over 10 years from the Oregon Medicaid program. As a result she said the Governor is directing state agencies to urgently evaluate impacts of the federal budget to Oregon. In [California](#) state officials said the law would most likely cause 3 point 4 million people to lose health insurance and at least 735000 people to lose food benefits. Rural parts of the state are expected to be hardest hit. Hospitals are scarce in the less populous parts of California and a loss of federal funding could cause some of them to close or pare back staffing. State officials project that about 217000 Californians will lose jobs because of funding cuts most of them in the health care system and some of them in food distribution. Last week Governor Gavin Newsom Democrat of California highlighted several financially distressed hospitals in Republican districts that now face even greater risk. They are gutting an already vulnerable system he said. Even after January 2027 when the biggest changes kick in states will be able to apply for extensions of up to two years to implement the Medicaid work requirements. That may limit how much states will need to scramble to address these issues immediately. [RAWSEP View A carve out for Hawaii based on a special appeal to the Trump government](#). [Back to the article](#). At least one Democratic Governor sounded less pessimistic. In an interview with a local television station this week Governor Josh Green of Hawaii who is also a medical doctor said he did not anticipate any hospitals closing partly because of his own appeals to Doctor Oz the administrator of the Centers for Medicare and Medicaid Services about rural health care. People should know we are going to be OK Governor Green said. We will not need a special session and I will not have to adjust anything else right now not the tax breaks that we have given to people who are struggling. [RAWSEP View Immediate harm to rural healthcare in Nebraska](#). [Back to the Article](#). On the same day a clinic in southwest Nebraska announced that it would be closing after 30 years. Unfortunately the current financial environment driven by anticipated federal budget cuts to Medicaid has made it impossible for us to continue operating all of our services many of which have faced significant financial challenges for years said the chief executive of Community Hospital in Curtis a town of around 800 people more than three hours west of Lincoln.

6 How Bad Is This Bill? The Answer in 10 Charts [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#). The New York Times July 3 2025. With unusual speed and despite an armada of controversial provisions Congress has birthed a sprawling nearly 900 page policy bill stuffed with hundreds of changes that will bestow trillions of dollars in tax cuts on the rich and special interests while slicing deeply into social programs relied on by millions of Americans. Much like President The Trump 2017 tax bill it will add



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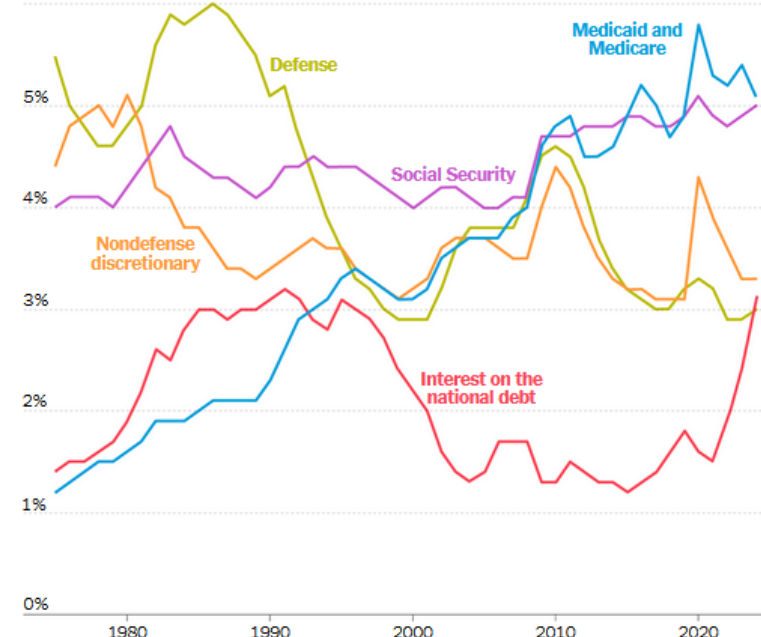
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How the Budget Fits Together

The biggest pieces of the budget
6% of G.D.P.



Source: WhiteHouse.gov

substantially to the deficit and the debt without providing any meaningful impetus to economic growth. But this time it will be much worse. This legislation will pile about 3 trillion dollars onto the deficit over the next 10 years, double the amount its predecessor was expected to generate. And it lacks provisions that could significantly boost economic growth. Our Rich Keep Getting Richer. Impact on the deficit over 10 years: Make 2017 individual tax rate cuts permanent 2 point 193 billion dollars 1 point 424 billion dollars. Increase the standard deduction 817 billion dollars. Border and immigration spending 169 billion dollars. Military spending 158 billion dollars. No taxes on overtime tips and interest on loans for U S made cars 152 billion dollars. Additional deduction for seniors 93 billion dollars. Changes to student loan payment plans minus 278 billion dollars. Phase out Inflation Reduction Act tax credits minus 543 billion dollars minus 841 billion dollars. Medicaid cuts minus 1 trillion dollars plus 2 trillion dollars. Make 2017 individual tax rate cuts permanent 2 193 billion dollars. Increase the standard deduction 1 point 424 billion dollars. Increase the child tax credit 817 billion dollars. Border and immigration spending 169 billion dollars. Military spending 158 billion dollars. No taxes on overtime tips and interest on loans for U S made cars 152 billion dollars. Additional deduction for seniors 93 billion dollars. Changes to student loan payment plans minus 278 billion dollars. Phase out Inflation Reduction Act tax credits minus 543 billion dollars minus 841 billion dollars. Medicaid cuts Its signature and most expensive components make a slew of individual tax cuts instituted in 2017 that primarily benefit wealthy Americans permanent. To help pay for them the bill makes student loans more expensive slashes incentives for clean energy and reduces funding for and access to Medicaid. Tax deductions albeit not permanently for overtime pay tips car loan interest and for seniors. Millions Lose Access to Medicaid. How the bill will reduce Medicaid spending Work requirements 31% Make it more difficult for states to fund Medicaid 18% Repeal rules simplifying eligibility and renewal 16% Check Medicaid eligibility more frequently 6% Other 13% Limit payment to providers 14%. How the number of uninsured Americans will grow Predicted change because of the policy bill. How the bill will reduce Medicaid spending. How the number of uninsured Americans will grow. All told these changes will cost over 10 million Americans their health care. The Cost of College Will Soar. As a result average monthly obligations for borrowers will surge with a typical loan recipient with a college degree and an annual income of 80300 dollars paying an additional 2929 dollars per year. **What Climate Change? Clean energy investments announced since the Inflation Reduction Act Spent In Republican districts 254 billion dollars 66 billion dollars. In Democratic districts Pending 388 billion dollars 121 billion dollars. Spent In Republican districts 254 billion dollars 388 billion dollars 66 billion dollars 121 billion dollars. In Democratic districts. Note Data is from the third quarter of 2022 through the first quarter of 2025. Excludes roughly 14 billion dollars where the congressional district is unclear or the seat is vacant. The bill rolls back many of the clean energy tax incentives and investments created by the 2022 Inflation Reduction Act, throwing a major roadblock in the way of combating climate change. Since the passage of the act, the United States has been experiencing a boom in clean energy investments, with 321 billion dollars spent and 522 billion dollars more on the way. Many of these projects will very likely be abandoned. Most Republican legislators are supporting this despite the fact that a vast majority of these investments have taken place in Republican congressional districts, where permitting is generally easier and weather can be more conducive to solar and wind power generation. The Trump Biggest Budget Buster The relative scale of The Trump domestic policy bill. One Big Beautiful Bill Act if made permanent as written. The package adds to our national debt in a way that dwarfs any of the other**



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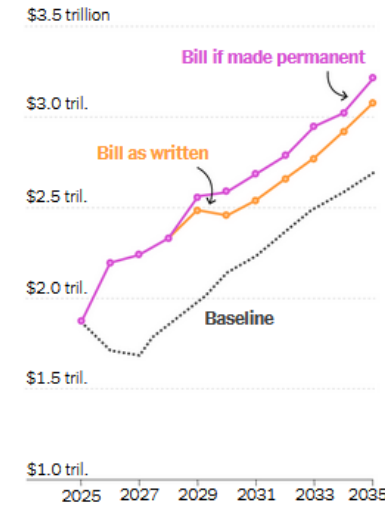
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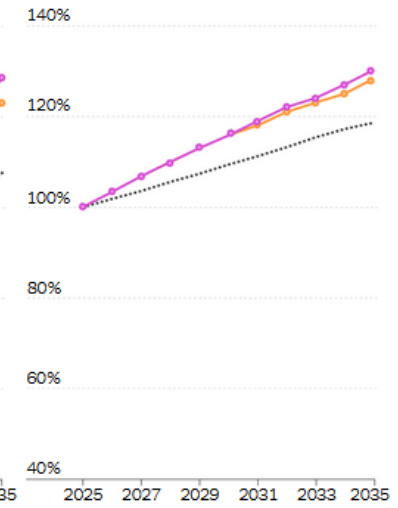
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One Big Borrowing Bill

Impact on the deficit



Impact on the debt-to-G.D.P. ratio



Sources: The Budget Lab; C.B.O. Note: Data from estimates released July 1, 2025.

packages passed in the eight years since Trump first took office His signature 2017 tax cut added a relatively modest 1 point 5 trillion dollars to the 10 year deficit projection but it did so by scheduling some of its provisions to expire after eight years thereby setting the stage for the current legislation which makes those changes permanent The bill uses the same gimmick with some of its tax breaks to keep costs down Spending Has Drifted Out of Balance Federal revenue versus spending 30% share of G D P Spending 25% The resulting deficit puts our economy in a perilous place Over the past 50 years federal spending as a percentage of gross domestic product averaged 21 point 1 percent But since ballooning during the Covid 19 pandemic spending has remained stubbornly above this average With tax increases politically off the table this means larger deficits How the Budget Fits Together The biggest pieces of the budget 6% of G D P Medicaid and Medicare Defense 5% Social Security 4% Nondefense discretionary 3% Interest on the national debt 2% Take the easy way out and let deficits climb The costs of Medicare and Medicaid are rising relentlessly and are now just over 5 percent of G D P compared with 1 point 2 percent in 1975 Outlays for Social Security have also grown And now because of increasing debt and higher interest rates the cost of servicing the national debt has begun to soar

Allowing the 2017 tax cuts to expire which effectively would have raised taxes on 62 percent of Americans could have been highly unpopular But it was also necessary One Big Borrowing Bill Impact on the deficit 3 point 5 trillion dollars Bill if made permanent 3 point 0 trillion dollars Bill as written 2 point 5 trillion dollars 2 point 0 trillion dollars Baseline 1 point 5 trillion dollars 1 point 0 trillion dollars Instead of growing to 2 point 7 trillion dollars in 2035 from 1 point 9 trillion dollars future estimation this year before this legislation This legislation will boost the deficit to 3 point 08 trillion dollars a decade from now in 2035 according to one estimate Exclude the gimmick of scheduling certain tax breaks to expire an unlikely event as demonstrated by the unwillingness of Congress to let the 2017 cuts fade and the projected deficit climbs to 3 point 21 trillion dollars by 2035 This puts total publicly held national debt at as much as 130 percent of G D P which is materially higher than at any other time in American history These higher deficits put upward pressure on interest rates weakening the economy and create an enormous debt burden for future generations to deal with **The More You Make the More You Benefit** The legislation will be far more beneficial for the wealthiest at the expense of those farther down the economic ladder The bill makes permanent a regime in which the richest fifth of American households those with annual incomes of **120390 dollars and above** will get an average benefit of 2 point 3 percent of their income or **increase in income of 8055 dollars** In contrast the fifth of Americans with the least wealth will suffer an estimated **loss of 560 dollars largely** because of the effect of the cuts to Medicaid and food stamps **The Economic Benefit is Negligible** The White House predicts much more growth from this bill than other models As for the impact of the legislation on economic growth **the White House is operating in its own universe** Private forecasters generally expect only a small bump to gross domestic product with the Budget Lab at Yale University projecting even less growth The White House Council of Economic Advisers on the other hand asserts that growth could reach 4 point 9 percent in 2028 multiples higher than other estimates In my 50 years of following tax and budget policy no important social welfare program like Medicaid has ever been rolled back to this extent **The tax changes will also exacerbate income inequality** It is a result that should embarrass the Republicans and may well come back to haunt them in 2026 and 2028

7 Tesla Musk the villain who fired essential federal worker including scientists and medical researchers finding cures for cancer and updating vaccines such as the Covid 19 vaccine The editor of RAWSEP was



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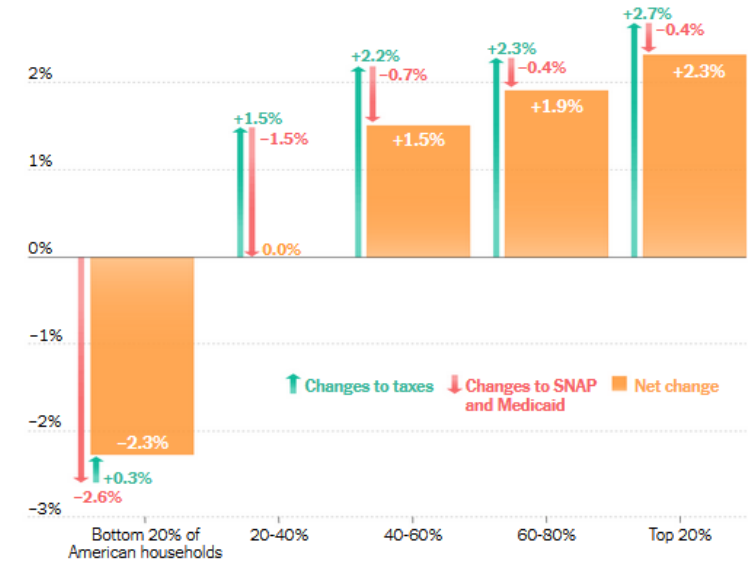


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The More You Make, the More You Benefit

The bill's impact on household finances, by income quintile

3% increase in household income



Source: The Budget Lab and C.B.O. calculations · Note: Data from estimates released June 30, 2025.

surprised to discover this year that Musk was not the engineering expert but only the main investor in Tesla Electric Car Safety Defects [RAWSEP View Hopefully other electric vehicles like the self driving Google Waymo have better safety records](#) Waymo as of 2025 operates commercial robotaxi services in Phoenix Arizona San Francisco California Silicon Valley California Los Angeles California Miami Florida Atlanta Georgia and Austin Texas with new services planned in New York Washington D C and Tokyo Japan City mapping in preparation for new services as of May 2025 is taking place in various cities in the United States including Boston Nashville New Orleans Dallas Las Vegas and San Diego with pre mapping preliminary work now in progress in Orlando Houston and San Antonio As of April 2025 it offers over 250000 paid rides per week totaling over 1 million miles monthly [From the article headline](#) The vehicle suddenly accelerated with our baby in it The terrifying truth about why Tesla cars keep crashing Elon Musk is obsessive about the design of his supercars right down to the disappearing door handles But a series of shocking incidents from drivers trapped in burning vehicles to dramatic stops on the highway have led to questions about the safety of the brand Why will Tesla not give any answers? [Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization](#) The Guardian July 5 2025 On May 10 2018 a man lost control of his Model S on the A2 highway near the Monte Ceneri tunnel in Switzerland Travelling at about 100 kilometers per hour 62 miles per hour he ploughed through several warning markers and traffic signs before crashing into a slanted guardrail The car came to rest more than 70 metres away on the opposite side of the road leaving a trail of wreckage According to witnesses the Model S burst into flames while still airborne Several passersby tried to open the doors and rescue the driver but they could not unlock the car When they heard explosions and saw flames through the windows they retreated Even the firefighters who arrived 20 minutes later could do nothing but watch the Tesla burn The wife of the man attempted to track his car using the Tesla app It no longer worked By the time police officers rang her doorbell late that night the wife was already bracing for the worst Customers described their cars suddenly accelerating or braking hard Some escaped with a scare while others ended up in ditches The crash made headlines the next morning as one of the first fatal Tesla accidents in Europe To this day the wife still does not know why her husband died She has kept everything the police gave her after their inconclusive investigation The charred wreck of the Model S sits in a garage the wife rents specifically for that purpose The scorched phone which she had forensically analyzed at her own expense to no avail sits in a drawer at home Maybe someday all this will be needed again she says She has not given up hope of uncovering the truth The wife was one of many people who reached out to us after we began reporting on the Tesla Files a cache of 23000 leaked documents and 100 gigabytes of confidential data shared by an anonymous whistleblower The first report we published looked at problems with the Tesla autopilot system which allows the cars to temporarily drive on their own taking over steering braking and acceleration Though touted by the company as Full Self Driving FSD it is designed to assist not replace the driver who should keep their eyes on the road and be ready to intervene at any time Autonomous driving is the core promise around which Elon Musk has built his company Tesla has never delivered a truly self driving vehicle yet the richest person in the world keeps repeating the claim that his cars will soon drive entirely without human help Is the Tesla autopilot really as advanced as he says? The Tesla Files suggest otherwise They contain more than 2400 customer complaints about unintended acceleration and more than 1500 braking issues 139 involving emergency braking without cause and 383 phantom braking events triggered by false collision warnings More than



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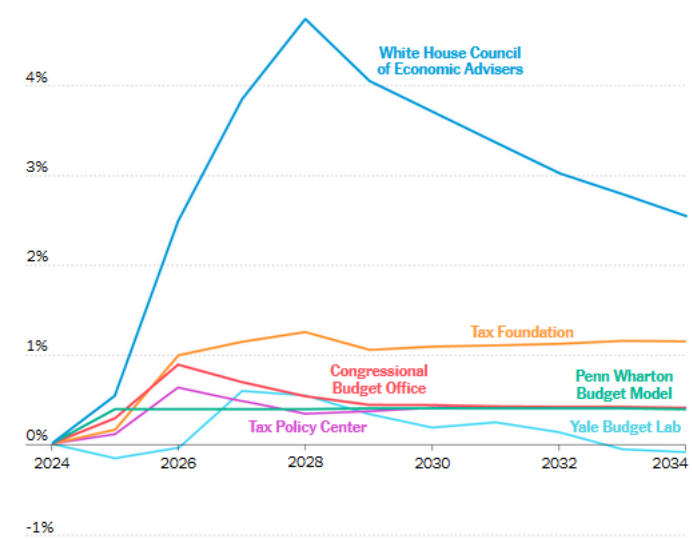
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The Economic Benefit Is Negligible

The White House predicts much more growth from this bill than other models
5% additional forecast G.D.P. growth



Source: Center for a Responsible Federal Budget - Note: Tax Foundation and C.E.A. estimates are based on the Senate version of the policy bill. All other estimates are based on the version passed by the House.

1000 crashes are documented. A separate spreadsheet on driver assistance incidents where customers raised safety concerns lists more than 3000 entries. The oldest date from 2015 the most recent from March 2022. In that time Tesla delivered roughly 2 point 6 million vehicles with autopilot software. Most incidents occurred in the US but there have also been complaints from Europe and Asia. Customers described their cars suddenly accelerating or braking hard. Some escaped with a scare others ended up in ditches crashing into walls or colliding with oncoming vehicles. The Tesla handling of crash data affects even those who never wanted anything to do with the company. Every road user trusts the car in front behind or beside them not to be a threat. Does that trust still stand when the car is driving itself? Internally we called our investigation into the Tesla crash data Black Box. At first because it dealt with the physical data units built into the vehicles so called black boxes. But the devices Tesla installs hardly deserve the name. Unlike the flight recorders used in aviation they are not fireproof and in many of the cases we examined they proved useless. Over time we came to see that the name held a second meaning. A black box in common parlance is something closed to the outside. Something opaque. Unknowable. And while we have gained some insight into Tesla as a company its handling of crash data remains just that a black box. Only Tesla knows how the Elon Musk vehicles truly work. Yet today more than 5 million of them share our roads.

8 United States Science NIH Scientists Link Air Pollution and Lung Cancer Mutations in Non Smokers Research finds that particulate matter pollution impacts lung cancer at the DNA level that research done from the National Cancer Institute NCI of the National Institutes of Health NIH an agency beleaguered by funding cuts and censorship. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization. Inside Climate News July 2 2025. New findings published Wednesday by the National Cancer Institute link tiny toxic air pollutants to changes in lung cancer tumors at the genomic level in people who have never smoked. Lung cancer is the leading cause of cancer death in the US and the American Cancer Society reports that more people die of lung cancer every year than of colon breast and prostate cancers combined. Non smokers account for 10 to 25 percent of all lung cancer cases globally but research on its causes in patients who have never smoked is less well established than for their tobacco using counterparts. We wanted to design a study to try to define the causes of lung cancer in never smokers so that we could potentially provide some suggestions for the improvement of prevention early detection and therapy. In their study published in the journal Nature Landi and colleagues from the National Cancer Institute NCI at the National Institutes of Health NIH and the University of California San Diego analyzed the lung tumors of 871 nonsmokers from 28 locations across four continents. They found that the tumors of patients in highly polluted areas had many more genetic mutations than those in areas with cleaner air and exhibited a diversity of mutations including patterns typically found in smokers. The paper is part of a larger project Landi is leading on lung cancer in nonsmokers called the Sherlock Lung study. Air pollution is a serious public health hazard growing more dire as climate change brings increased wildfires drought and extreme heat. The American Lung Association found earlier this year that nearly half of the country is living with dangerous levels of pollution a drastic rise from figures from last year. Air pollution is linked to a variety of health harms and was already considered the second leading cause of lung cancer. The paper adds to well established links between particulate air pollution and the disease particularly in epidemiological research which deals with patterns of disease at the population level. This study takes a different approach building on genomic research and zooming in on the tumor level.



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