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The Situation

Why are we looking at subsidy data?



The Data

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The Plan

What do we recommend to policymakers?



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# "Every purchase you make is a vote for the world in which you want to live"







# Subsidies should stimulate growth within the economy

Intention: Put money into a company so it opens doorways for more spending, development, and socioeconomic growth that will come back around.

Reality: Even for companies that try to do good, mistakes happen and violations occur.

Some companies show repeated unlawful behavior; We want to help minimize the subsidies granted to those companies which might become repeat offenders.



Socioeconomic improvement through well-planned subsidies

Companies who receive subsidies & committed unlawful violations

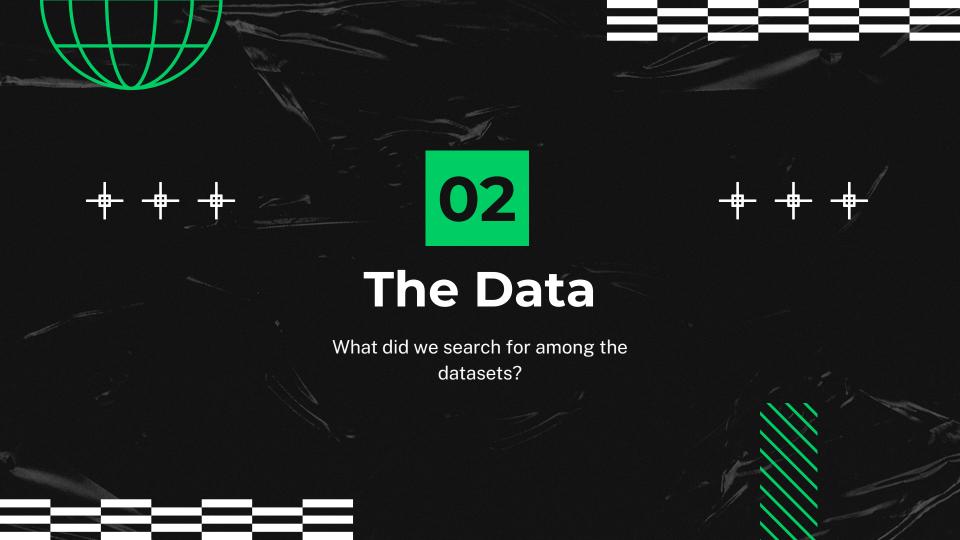
#### **Our Goal:**

Develop a plan of action for the policymakers who grant subsidies

Our suggested plan seeks to maximize this ratio







# Two main data categories Subsidies Violations

800,000 Total
Subsidies
407,000 Companies

550,000 Total Violations 401,000 Companies

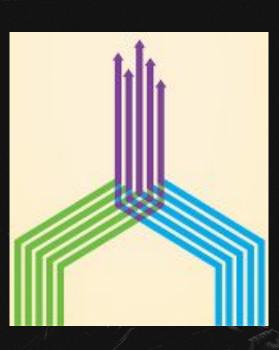
### Intersection 9525 companies

Who received subsidies and also committed violations

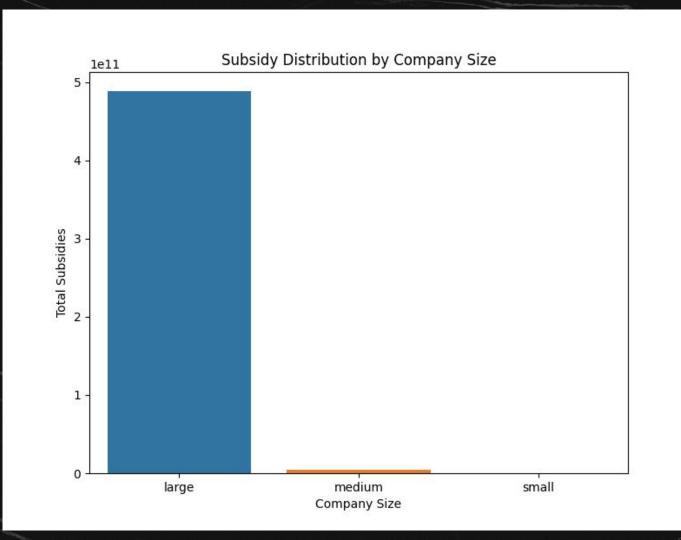
Data is from: Good Jobs First

#### **Our Approach**

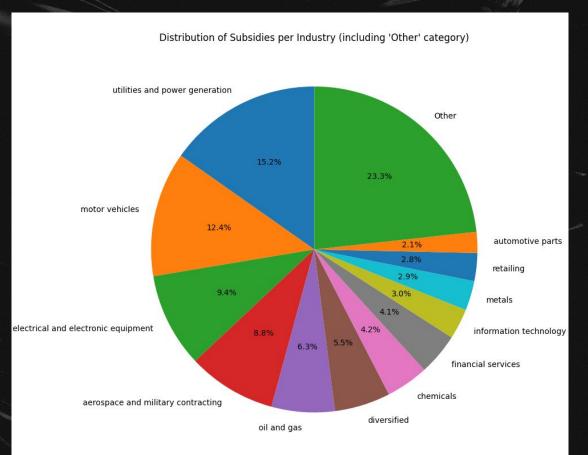
- 1) Merged the datasets: Subsidies & Violations
- 2) Matched subsidies to the corresponding violations, by company
- 3) Searched for any trends that might indicate violations
- 4) Determined where the majority of subsidies are spent
- 5) Looked for factors that indicate where the violations are likely to occur

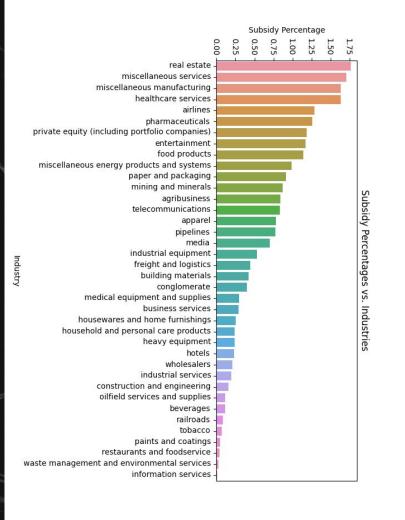






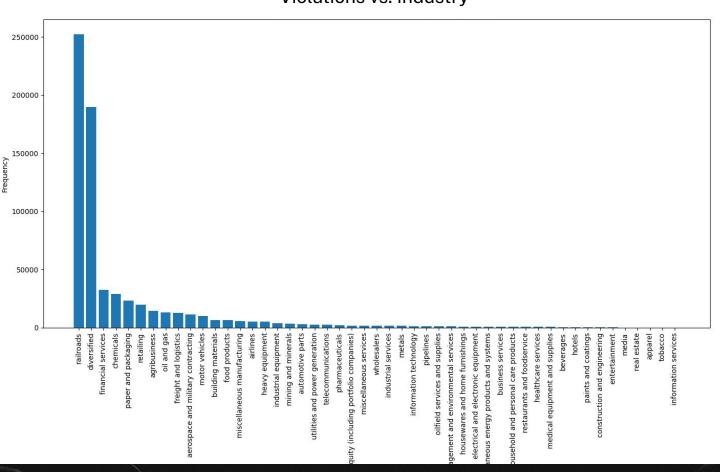
### **Subsidies by Industry**



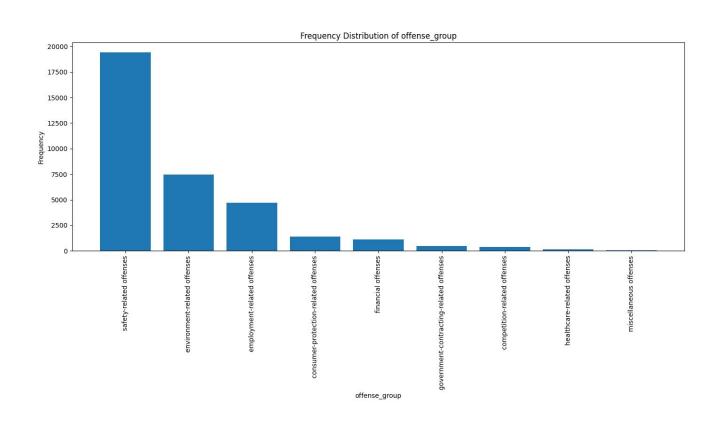


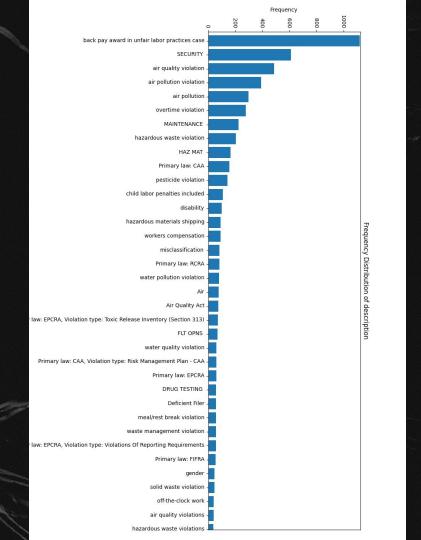


#### Violations vs. Industry



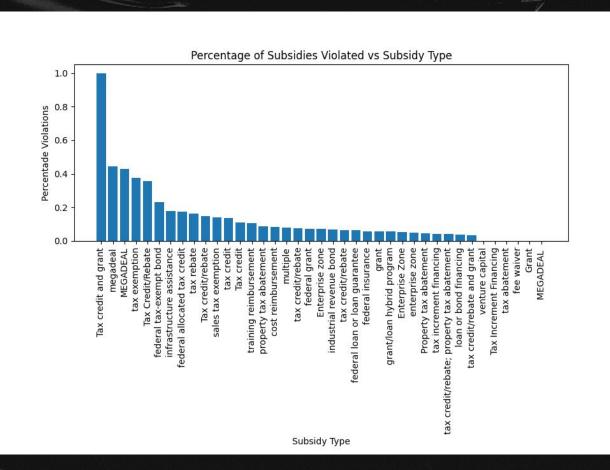
#### **Most Common Violation Groups**



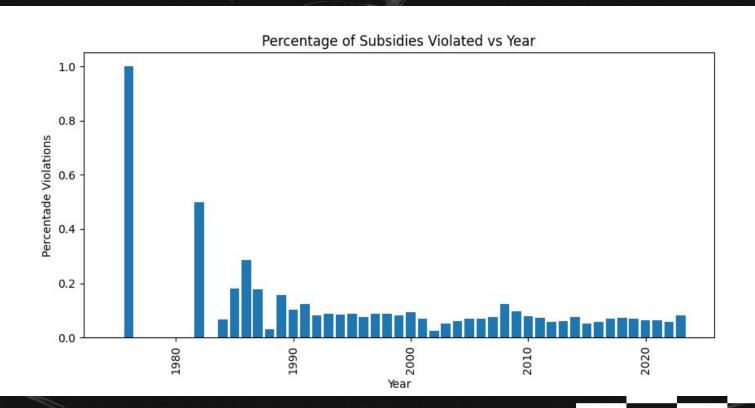


## Most Common Violation Labels

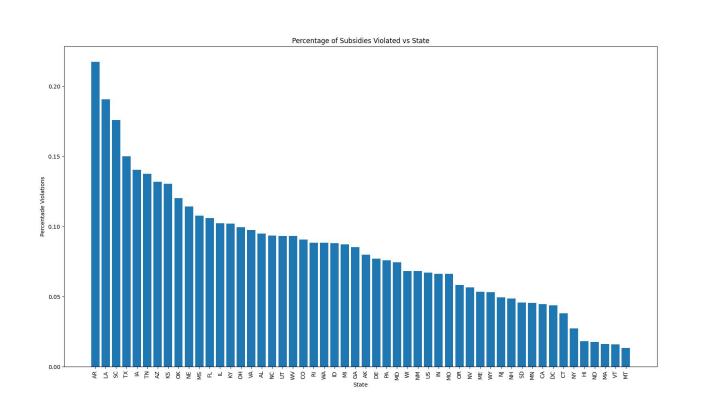
#### Percentage of Subsidies Given to Violator Companies



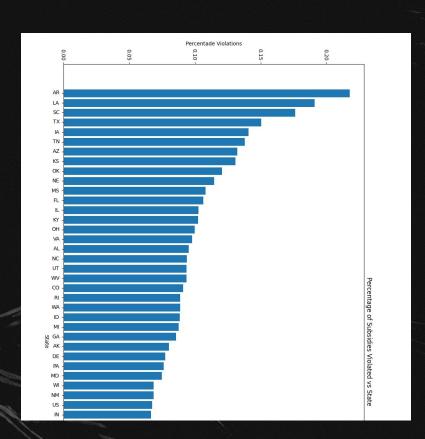
## Percentage Subsidies Given to Violating Companies per Year

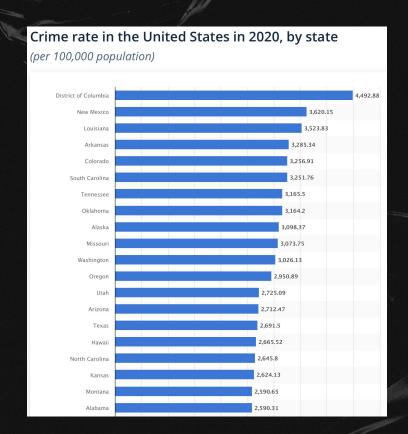


#### % Subsidies Violated Per State



#### Comparison of states - Violations & General Crime





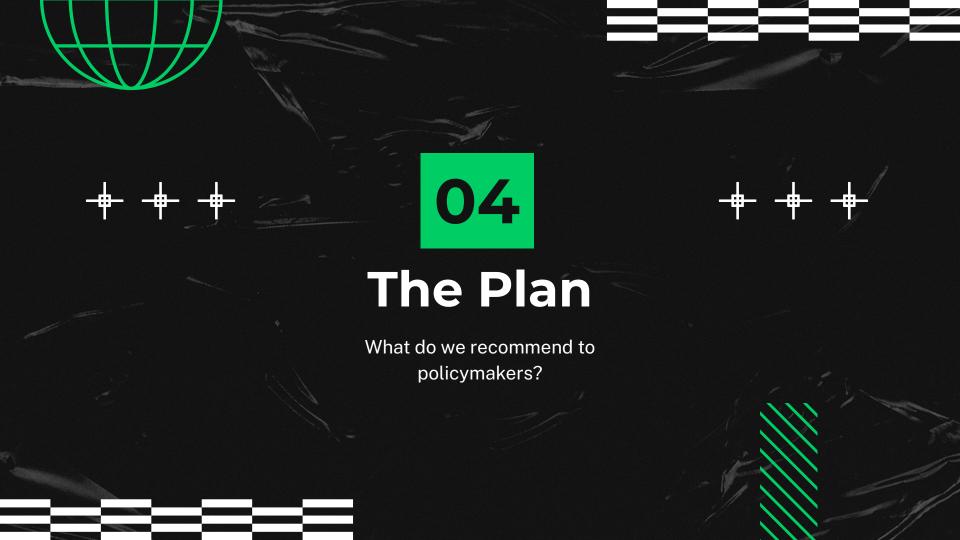
#### **Additional Numbers:**

Of all the subsidies granted, **6.9**% were to a company that committed a violation

Of all the violations reported, **6.4**% were committed by a company that received a subsidy

On average, **5.8** years passed between the first subsidy given and first violation committed

If a company commits a violation before getting a subsidy, there's a **33**% chance they will make another violation after the subsidy



### Recall...

Socioeconomic improvement through well-planned subsidies

Companies who receive subsidies & committed unlawful violations

... we aim to maximize this ratio

## Improve "Well-Planned" Subsidies that have a lasting beneficial impact

Put more money into companies focused on:

- Sustainability
- Technological Advancement
- Environmental Justice

Such that these subsidy investments also promote economic development

The Data shows a lack of support for small companies, we should aim to provide more subsidies in smaller quantities, especially to small businesses

## Minimize Violations among Subsidized Companies

#### Recall this fact:

1) If a company commits a violation before getting a subsidy, there's a **33**% chance they will make another violation after the subsidy

About ½ of companies who were given a "second chance" made the same mistakes... but did so with government funding.

Proposition: Stop giving subsidies to companies who have previously committed violations & enact a law that cuts subsidies if avoidable violations occur

## Minimize Violations among Subsidized Companies

#### Recall this fact:

2) On average, **5.8** years passed between the first subsidy given and first violation committed

Proposition: We should ensure routine checks are occurring to keep companies actions within the law.

#### In Summary...

The Data shows a lack of support for small companies, we should aim to provide more subsidies in smaller quantities, especially to small businesses with high potential for job creation and significant positive economic impact

Stop giving subsidies to companies who have previously committed violations & enact a law that cuts subsidies if avoidable violations occur

We should ensure routine checks are occurring to keep companies actions within the law-the data suggest no more than every 5 years

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