

### Chapter Outline

- 10.1. Taxation and Government Spending in the United States
- 10.2. Regulation
- 10.3. Government Failures
- 10.4. Equity versus Efficiency
- 10.5. Consumer Sovereignty and Paternalism

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### Kev Ideas

- 1. In the United States, governments (federal, state, and local)
- ▶ Tax citizens and corporations to
  - ▶ Correct market failures and externalities,
  - ▶ Raise revenues,
  - ▶ Redistribute funds, and
  - ▶ Finance operations.

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### Kev Ideas

- 2. Governments can intervene to influence market outcomes through
  - direct regulation and price controls.
- 3. Although government intervention sometimes creates inefficiencies, it often results in improved social well-being.

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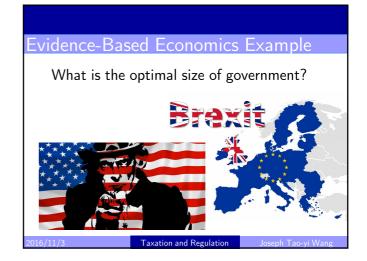
### Key Ideas

- 4. Weighing the trade-offs between equity and efficiency is one task of an economist.
- 5. It is up to each individual to decide when and where government intervention makes the most sense.

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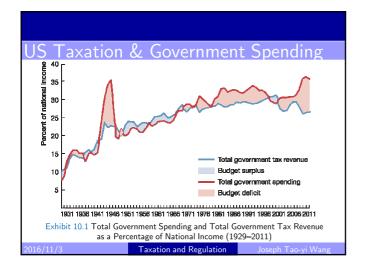
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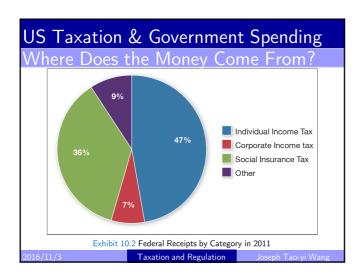


### US Taxation & Government Spending • United States has 3 levels of government: • Federal • State • Local • All can collect taxes and spend revenues. • What about Taiwan?

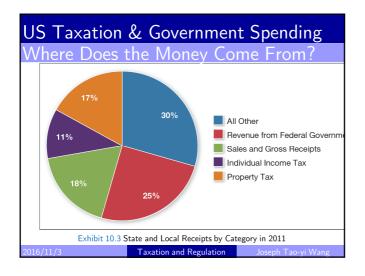
### Budget surplus Tax revenues are greater than spending Budget deficit Spending is greater than tax revenues







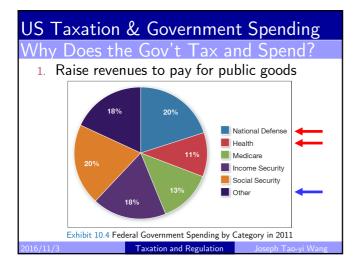
# Where Does the Money Come From? • Where does the state and local money come from? 1. 30%: Other—tolls, taxes on licenses 2. 25%: Revenue from federal government—federal taxes redistributed to state/local govts 3. 18%: Sales taxes 4. 17%: Property taxes 5. 11%: Individual income taxes

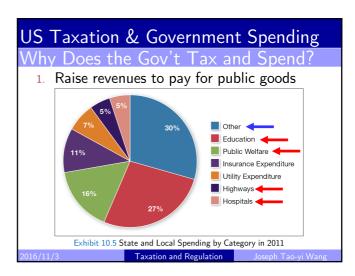


### US Taxation & Government Spending Why Does the Gov't Tax and Spend?

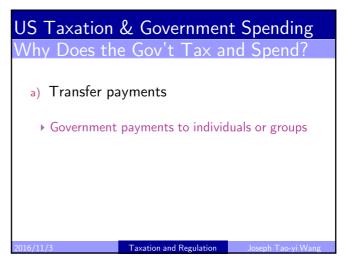
- ▶ Why do governments tax and spend?
- 1. Raise revenues to pay for public goods
- 2. Redistribute income to address fairness issues
- 3. Finance operations of government
- 4. Correct market failures and externalities

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# US Taxation & Government Spending Why Does the Gov't Tax and Spend? 2. Redistribute income to address fairness issues Governments can address equity issues through a) transfer payments b) the tax structure 2016/11/3 Taxation and Regulation Joseph Tao-yi Wang



### US Taxation & Government Spending Why Does the Gov't Tax and Spend? Redistribute income to address fairness.

- Redistribute income to address fairness issues
  - b) tax structure
- ▶ Average tax rate
- ▶ Total taxes divided by total income
- ▶ Marginal tax rate
  - ▶ The rate paid on the last dollar of income

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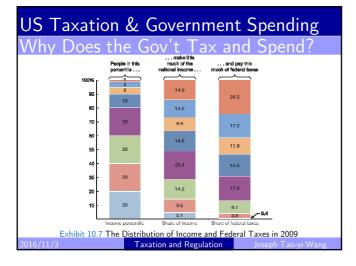
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### US Taxation & Government Spending Why Does the Gov't Tax and Spend?

- ▶ Progressive tax system
  - System in which average and marginal tax rates are higher for higher income levels
- ▶ Example: Income tax

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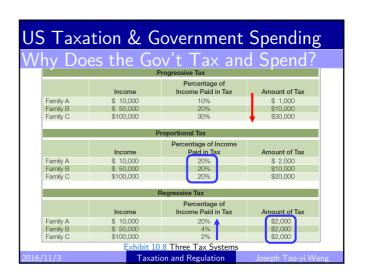


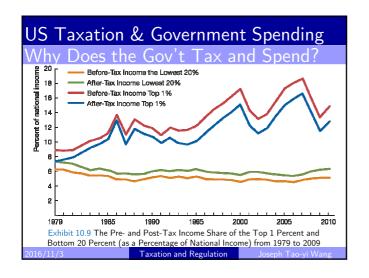
### US Taxation & Government Spending Why Does the Gov't Tax and Spend? → Proportional tax system

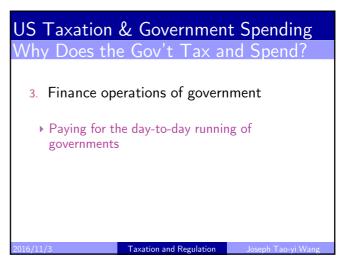
- System in which everyone pays the same proportion of their income in taxes,
- ▶ regardless of how much their income is;
- i.e., marginal and average tax rates are the same for everyone

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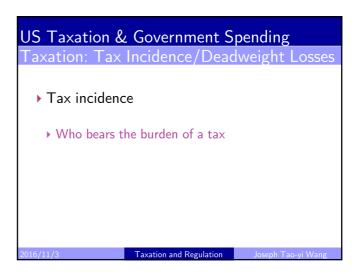
# US Taxation & Government Spending Why Does the Gov't Tax and Spend? • Regressive tax system • System in which the lower the income, the higher percentage of income is paid in taxes; • i.e., marginal and average tax rates fall as income rises • Example: Employment & health insurance "Fee" (勞健保「費」), social security tax

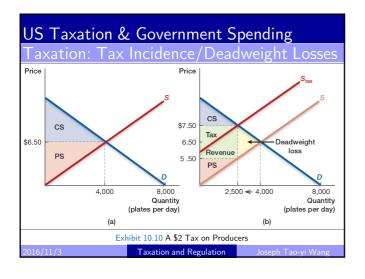


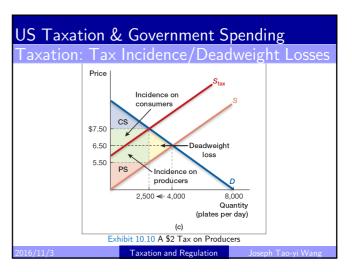




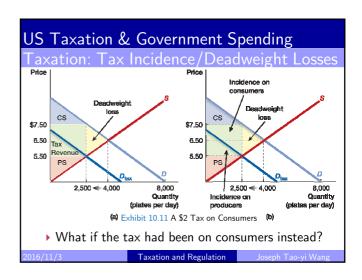
# US Taxation & Government Spending Taxation: Tax Incidence/Deadweight Losses 4. Correcting market failures & externalities • Taxes are not usually levied to deal with a specific market failure, as discussed in Chapter 9. 2016/11/3 Taxation and Regulation Joseph Tao-yi Wang

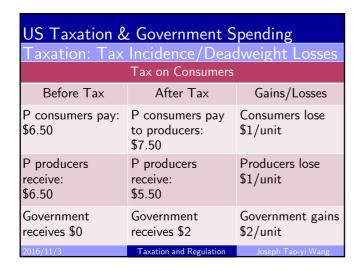


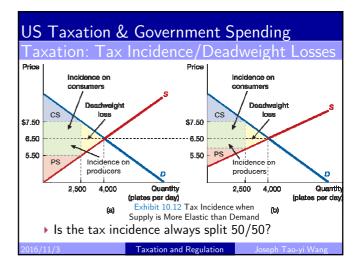


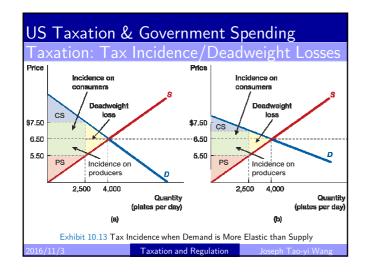


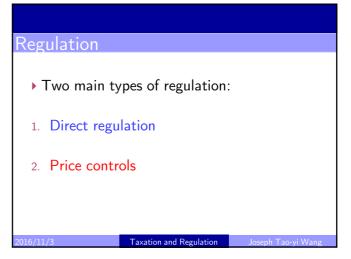
US Taxation & Government Spending Taxation: Tax Incidence/Deadweight Losses		
Tax on Producers		
Before Tax	After Tax	Gains/Losses
P consumers pay: \$6.50	P consumers pay: \$7.50	Consumers lose \$1/unit
P producers receive: \$6.50	P producers receive: \$5.50	Producers lose \$1/unit
Government receives \$0	Government receives \$2	Government gains \$2/unit
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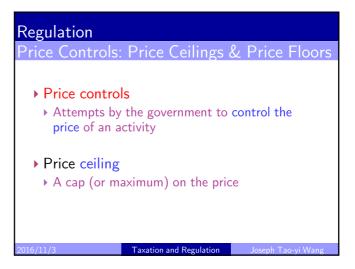




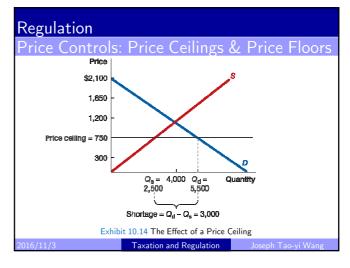


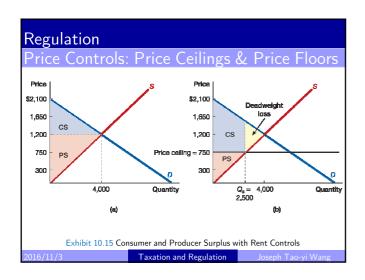


# Regulation Direct Regulation Direct regulation Attempts by the government to control the amount of an activity—also called command-and-control regulation Examples? Taxation and Regulation Joseph Tao-yi Wang





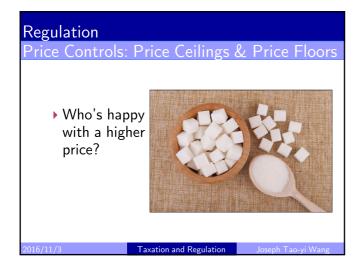


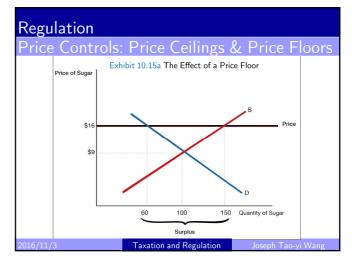




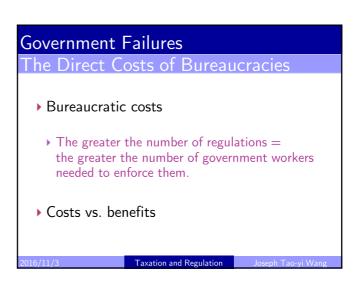






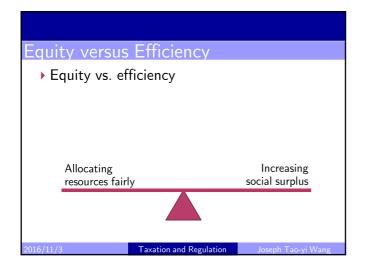


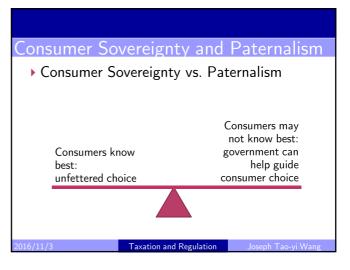
# Government Failures Government intervention in markets can cause: Deadweight losses Increased costs due to bureaucracy Corruption Black markets Zoseph Tao-yi Wang

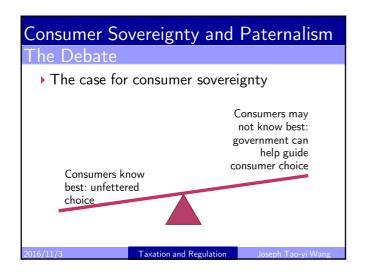












## Consumer Sovereignty and Paternalism The Debate • Consumers should be allowed to make their own choices because: 1. The government can't know what's best for us 2. The government can't be trusted to act in our best interests 3. If the government intervenes, there are costs

