

IN THIS CHAPTER

- What are price ceilings and price floors? What are some examples of each?
- How do price ceilings and price floors affect market outcomes?
- How do taxes affect market outcomes? How do the effects depend on whether the tax is imposed on buyers or sellers?
- What is the incidence of a tax? What determines the incidence?



Controls on Prices

- Price ceiling:
 - Legal maximum on the price at which a good can be sold
 - -Example: Rent-control laws
- Price floor:
 - Legal minimum on the price at which a good can be sold
 - -Example: Minimum wage laws

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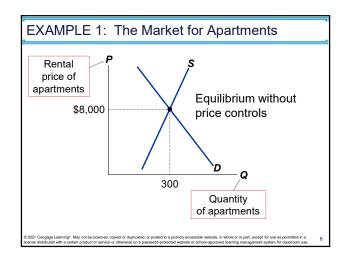
ASK THE EXPERTS Rent Control

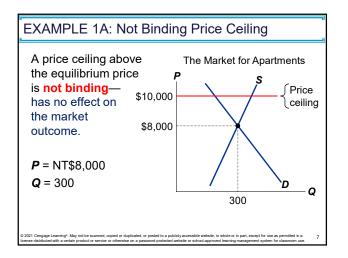
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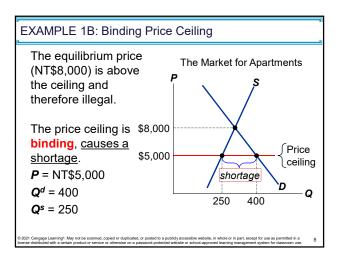
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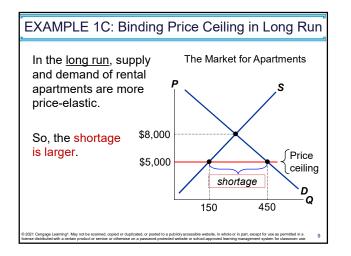
"Local ordinances that limit rent increases for some rental housing units, such as in New York and San Francisco, have had a positive impact over the past three decades on the amount and quality of broadly affordable rental housing in cities that have used them." What do economists say?

el February 7, 2012

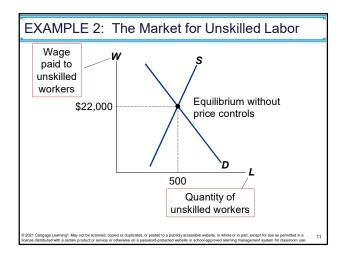


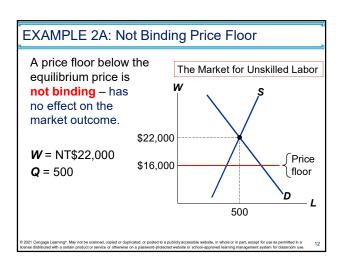


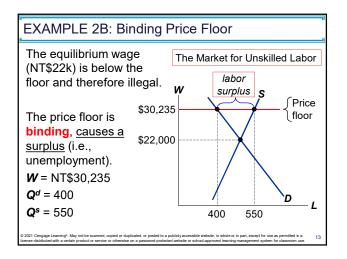


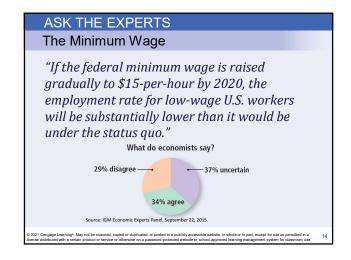


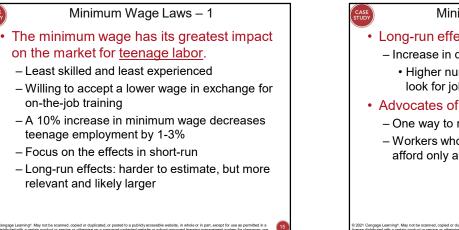


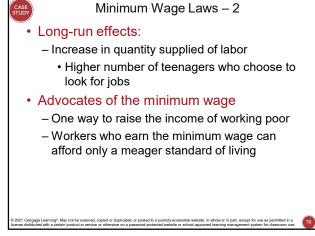


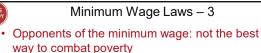


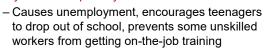




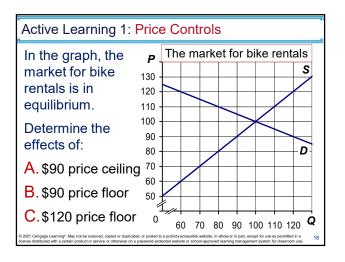


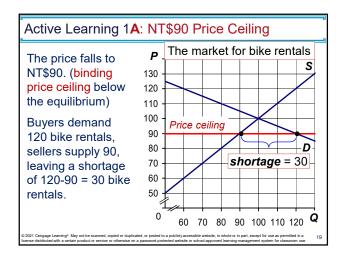


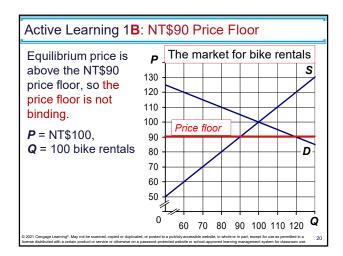


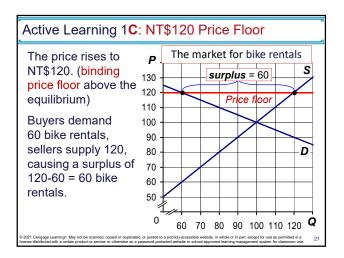


- Minimum-wage workers
 - Less than a third of minimum-wage earners are in families with incomes below the poverty line
 - Many are teenagers from middle-class homes working at part-time jobs for extra spending money





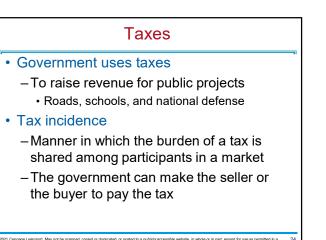


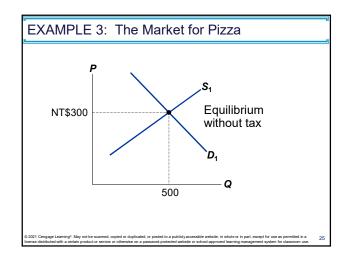


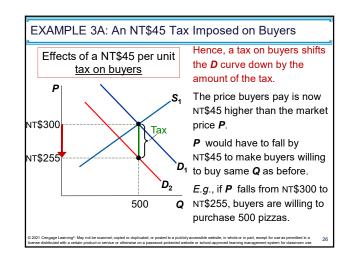


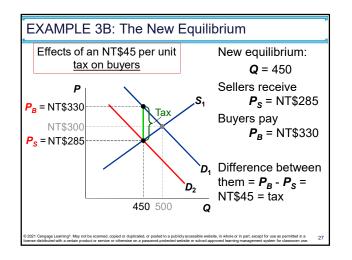
Evaluating Price Controls

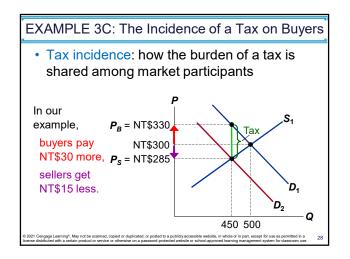
- Governments can sometimes improve market outcomes
 - -Want to use price controls
 - Because of unfair market outcome
 - Aimed at helping the poor
 - -Often hurt those they are trying to help
 - -Other ways of helping those in need
 - Rent subsidies
 - Wage subsidies (Earned Income Tax Credit)

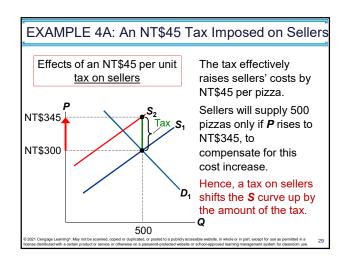


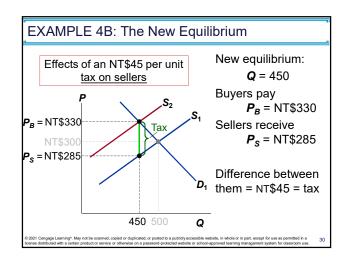


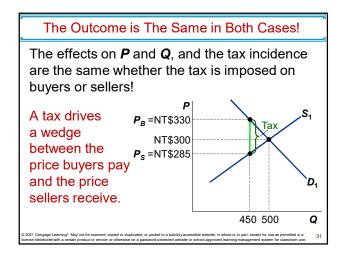


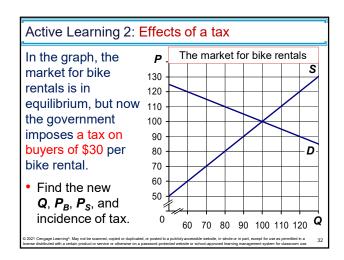


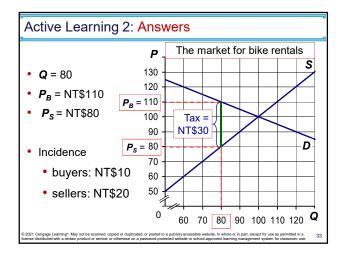


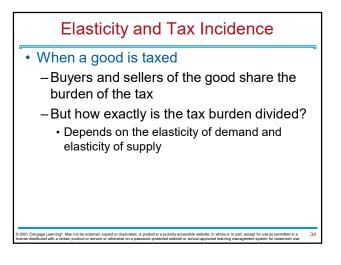


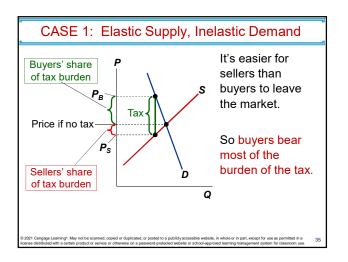


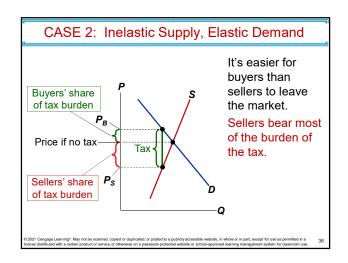


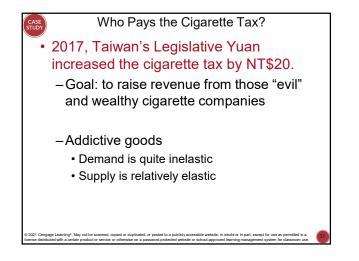


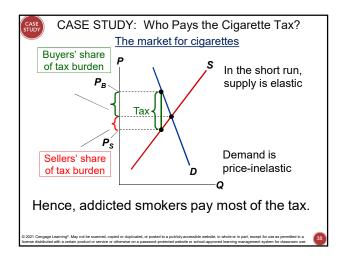












THINK-PAIR-SHARE

Suppose that Taiwan needs to raise more tax revenue. Premier Su proposes a tax on food because everyone must eat and, thus, a food tax would surely raise a great deal of tax revenue. He insists the tax should be placed on food sellers to protect the poor who spend a large proportion of their income on food.

- A. Will the burden of a food tax fall only on the sellers of food as the Premier said? Explain.
- B. Who will bear most of this tax burden? Explain.

CHAPTER IN A NUTSHELL

- A price ceiling is a legal maximum on the price of a good or service. Example: rent control.
 - Binding if below the equilibrium price: shortage.
 - Sellers must in some way ration the good or service among buyers.
- A price floor is a legal minimum on the price of a good or service. Example: minimum wage.
 - Binding if above the equilibrium price: surplus.
 - Buyers' demands for the good or service must in some way be rationed among sellers.

CHAPTER IN A NUTSHELL

- When the government levies a tax on a good, the equilibrium quantity of the good falls.
 - The tax places a wedge between the price paid by buyers and the price received by sellers.
 - Buyers pay more for the good and sellers receive less for it.
- Buyers and sellers share the tax burden.
 - The incidence of tax depends on the price elasticities of supply and demand.
 - Most of the burden falls on the side of the market that is less elastic.

Chapter 6: Price Control and Taxation

- Markets are good? Price control is bad!
- \blacktriangleright Taxation forms a wedge between P_{b} and P_{s}
- Homework:
 - Mankiw, Ch. 6, Problem 3, 5, 7-10
- Additional Questions:
 - True or False. A price ceiling on wheat would cause the price of bread to fall.
- True or False. iPhone 12 Pro contain A14 CPUs made by TSMC. If Apple made its own CPUs, iPhone 12 Pro would be cheaper.

Price Control and Taxation

Chapter 6: Price Control and Taxation
Challenge Questions/ex-Midterm:
▶ OLD midterm (retired):
> 2009 - (Multiple Choice Q11)
▶ 2010 - (True/False Q6-Q8)
▶ 2012 - (True/False Q3-Q4)
▶ 2013 - (True/False Q6-Q7)
▶ 2016 - Part C
▶ 2017 - Part D
▶ 2018 - Part A1, A6
▶ 2019 - Part B1, B3
2020/10/12 Price Control and Taxation Joseph Tao-yi Wang