

# 國立臺灣大學

## 開放式課程

### 《經濟學原理》

#### 第六講

#### Supply and Demand (II) (Ch.4)

授課教師：國立臺灣大學經濟學系 林明仁教授

課程大綱整理：國立臺灣大學 開放式課程

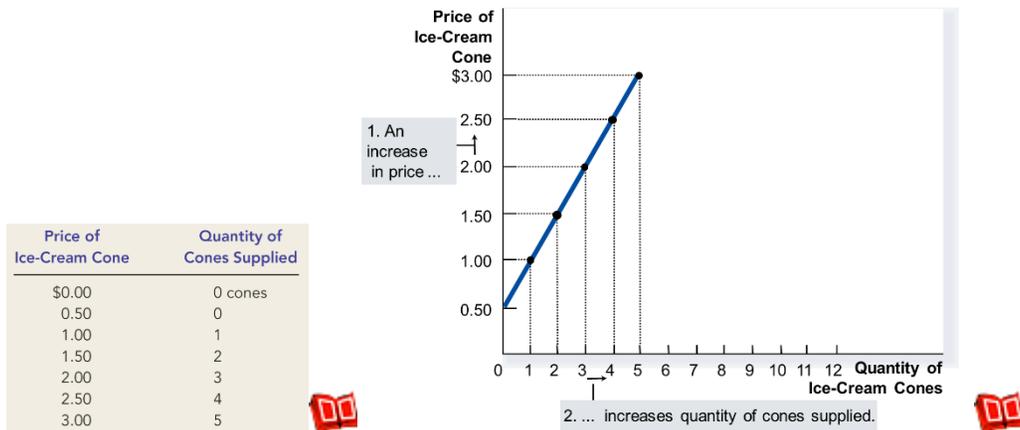


【本著作除另有註明外，採取[創用 CC](#)「姓名標示—非商業性—相同方式分享」[臺灣 3.0 版授權釋出](#)】

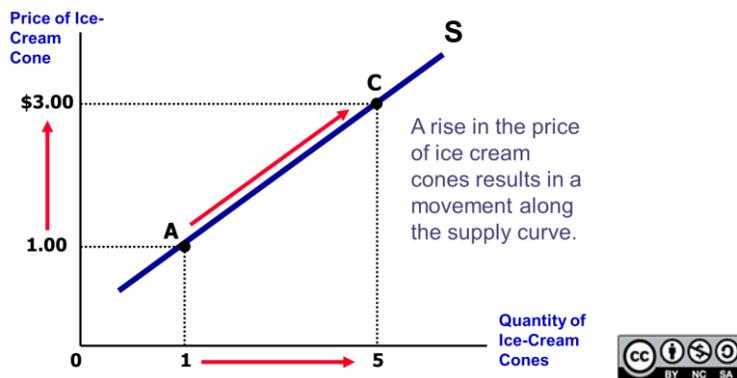
※本課程指定教材為 N. Gregory Mankiw: Principles of Economics (2012), 6th edition.

## 供給 (Supply)

- 供給量
- 供給法則
- 供給曲線：價格跟供給量之間的關係



- 市場 vs 個別供給
- 供給曲線的變化



- 影響因素：
  - 相關物品價格：替代品 / 互補品
  - 生產要素價格
  - 生產技術
  - 預期：囤積居奇

– 賣方人數

### 供給均衡

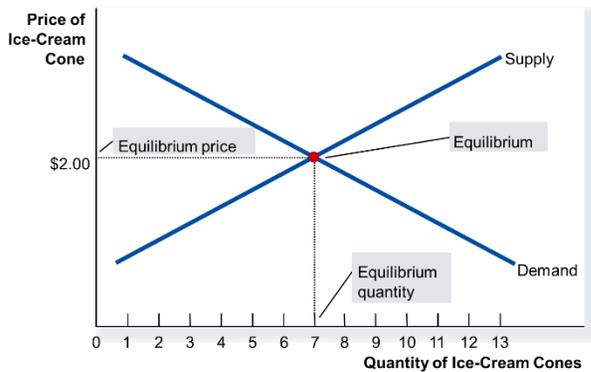
● 均衡：

- 定義：當價格到達某個水準，供給量等於需求量
- 除非有外力介入 (i.e. other things not being equal) 不然 P and Q 不會變動
- 均衡的價格
- 均衡數量

Demand Schedule	
Price of Ice-Cream Cone	Market
\$0.00	19
0.50	16
1.00	13
1.50	10
2.00	7
2.50	4
3.00	1

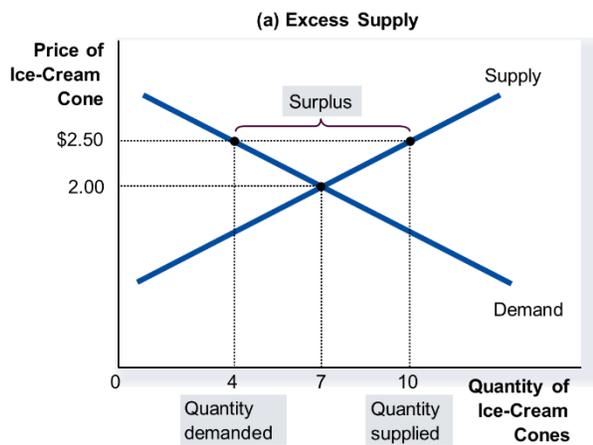
Supply Schedule	
Price of Ice-Cream Cone	Market
\$0.00	0
0.50	0
1.00	1
1.50	4
2.00	7
2.50	10
3.00	13

At \$2.00, the quantity demanded is equal to the quantity supplied!

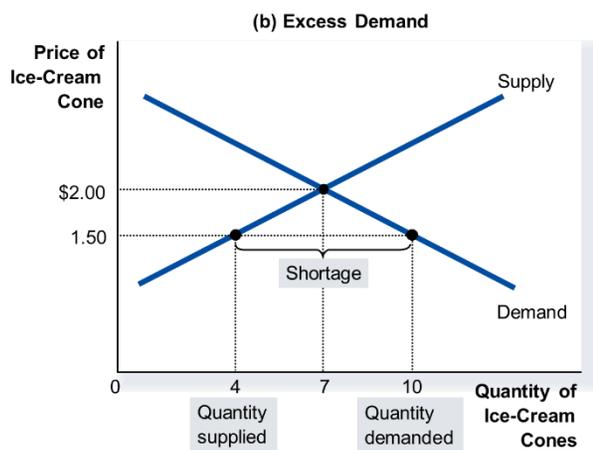


● 價格 > 均衡價格：剩餘 (Surplus)

- 超額供給
- 市場修正進行，價格降低



- 價格 < 均衡價格：短缺 (Shortage)



- 超額需求
- 市場修正進行，價格提高
- 供需法則：
  - The claim that the price of any good adjusts to bring the quantity supplied and the quantity demanded for that good into balance.
  - Walrasian auctioneer
- Some reminders：
  1. 均衡分析不一定是實際的交易點
  2. 供需獨立存在 (性交易：有需求才有供給?)
  3. 買賣不成供需在

4. 均衡價格為負

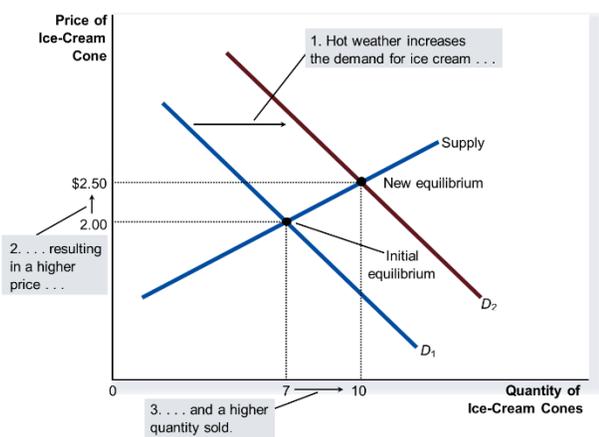
□ ex: Heckman's econometrics class

● 分析均衡變化：

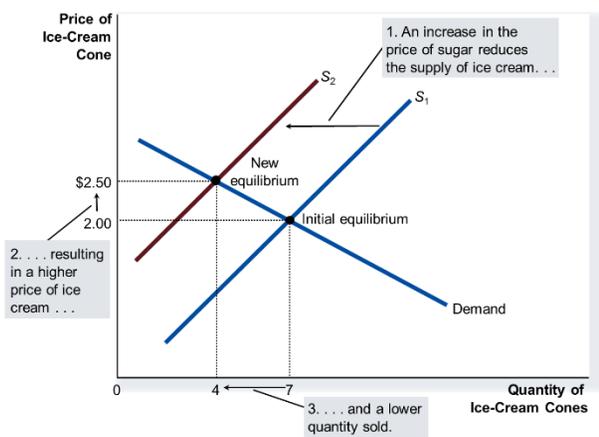
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2. Decide in which direction the curve shifts.
3. Use the supply-and-demand diagram to see how the shift changes the equilibrium price and quantity.



□ 改變需求



□ 改變供給



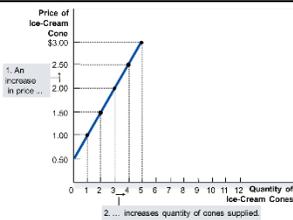
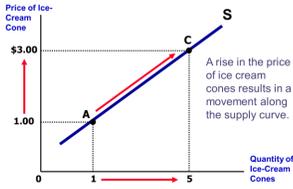
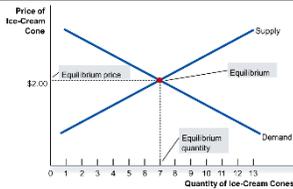
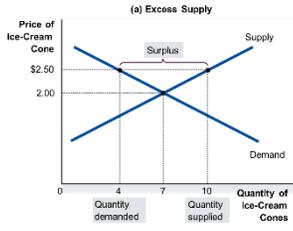
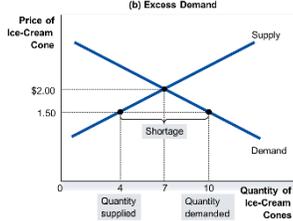
□ 供給的九宮格

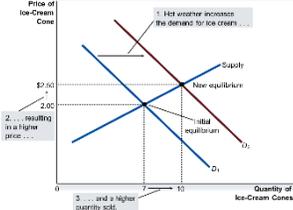
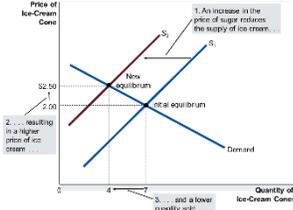
	No Change in Supply	An Increase in Supply	A Decrease in Supply
No Change in Demand	$P$ same $Q$ same	$P$ down $Q$ up	$P$ up $Q$ down
An Increase in Demand	$P$ up $Q$ up	$P$ ambiguous $Q$ up	$P$ up $Q$ ambiguous
A Decrease in Demand	$P$ down $Q$ down	$P$ down $Q$ ambiguous	$P$ ambiguous $Q$ down



- 案例：
  - A Change in the Demand for Roses
  - A Change in the Supply of PCs
- Price Mechanism: Invisible hand revisit
  - Price signal – F. Hayek
  - Ex:18 分能不能上大學？
  - P82: 大地震過後，你可以賣一瓶五百元的礦泉水嗎？
  - (Price Gouging: 價格詐欺)
  - 記得 SARS 時的口罩？
  - 南北戰爭的小蜜蜂……

## 版權聲明

頁數	作品	版權標示	作者/來源																																				
2	<table border="1" style="width: 100%;"> <thead> <tr> <th>Price of Ice-Cream Cone</th> <th>Quantity of Cones Supplied</th> </tr> </thead> <tbody> <tr><td>\$0.00</td><td>0 cones</td></tr> <tr><td>0.50</td><td>0</td></tr> <tr><td>1.00</td><td>1</td></tr> <tr><td>1.50</td><td>2</td></tr> <tr><td>2.00</td><td>3</td></tr> <tr><td>2.50</td><td>4</td></tr> <tr><td>3.00</td><td>5</td></tr> </tbody> </table>	Price of Ice-Cream Cone	Quantity of Cones Supplied	\$0.00	0 cones	0.50	0	1.00	1	1.50	2	2.00	3	2.50	4	3.00	5		引用自 N. Gregory Mankiw “Principles of Economics” 4th edition. P.72。依據著作權法第 46、52、65 條合理使用。																				
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