A Recap of Economic Theory, Markets, and Willingness to Pay

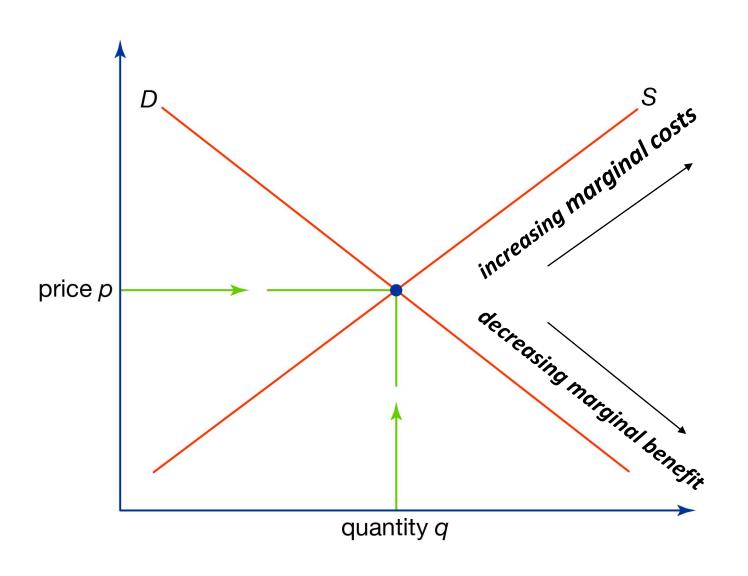
Prof. Parthum Environmental Economics Econ 475

Demand and Supply

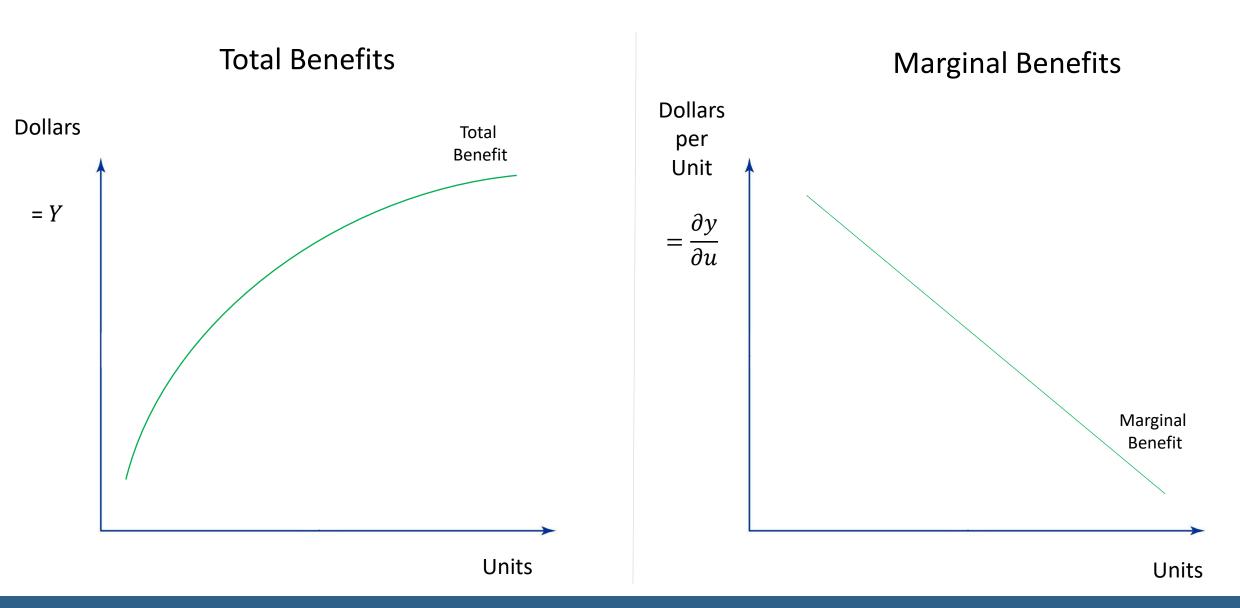
A "market" for "something"...

- 1. Demand for something slopes downward... why?
 - a. If something is more expensive, the quantity demanded will be less
 - i) substitution
 - ii) income
 - iii) decreasing marginal benefit
- 2. Supply of something slopes upward... why?
 - a. As a "supplier" produces more of something it becomes more expensive to supply one more unit of that something
 - i) increasing marginal costs

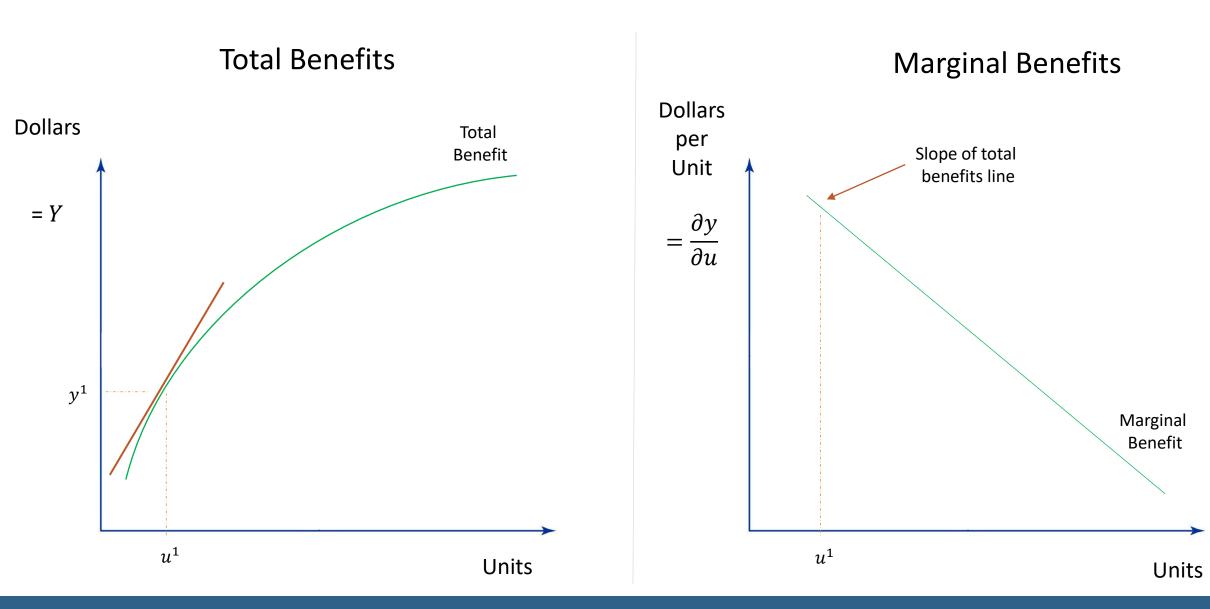
Demand and Supply



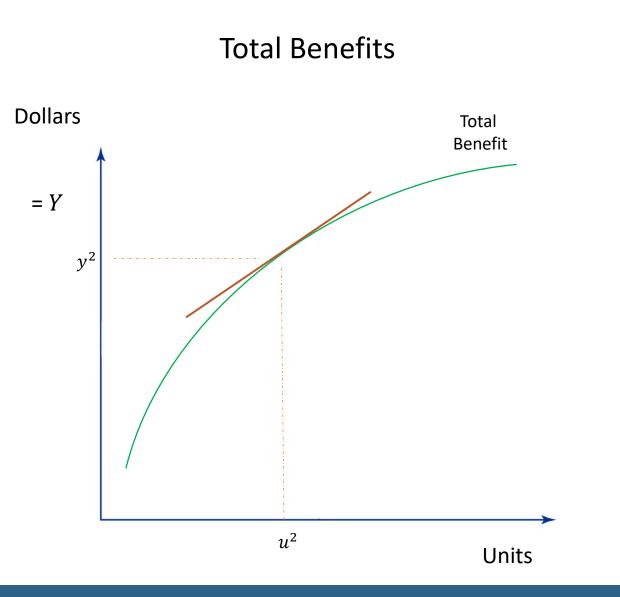
Demand

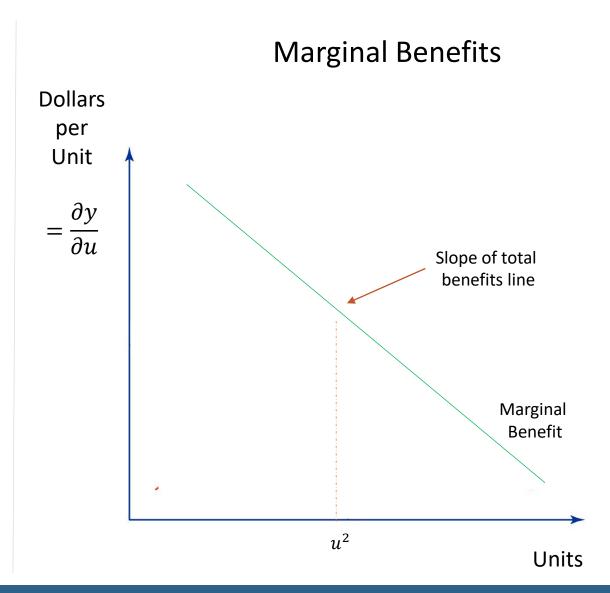


Demand

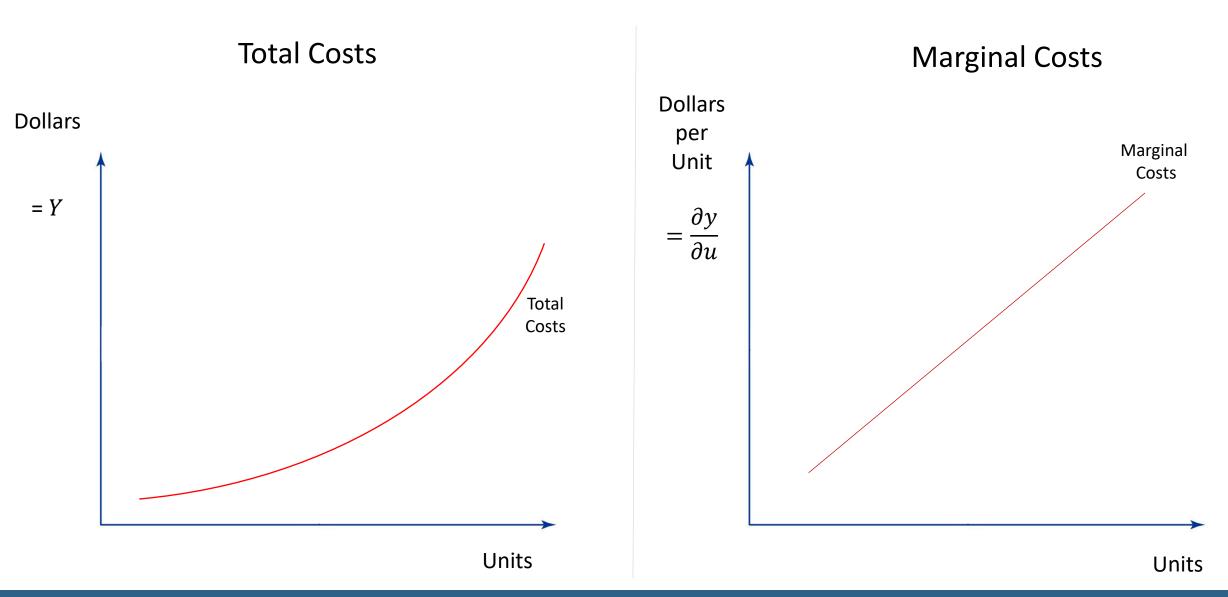


Demand

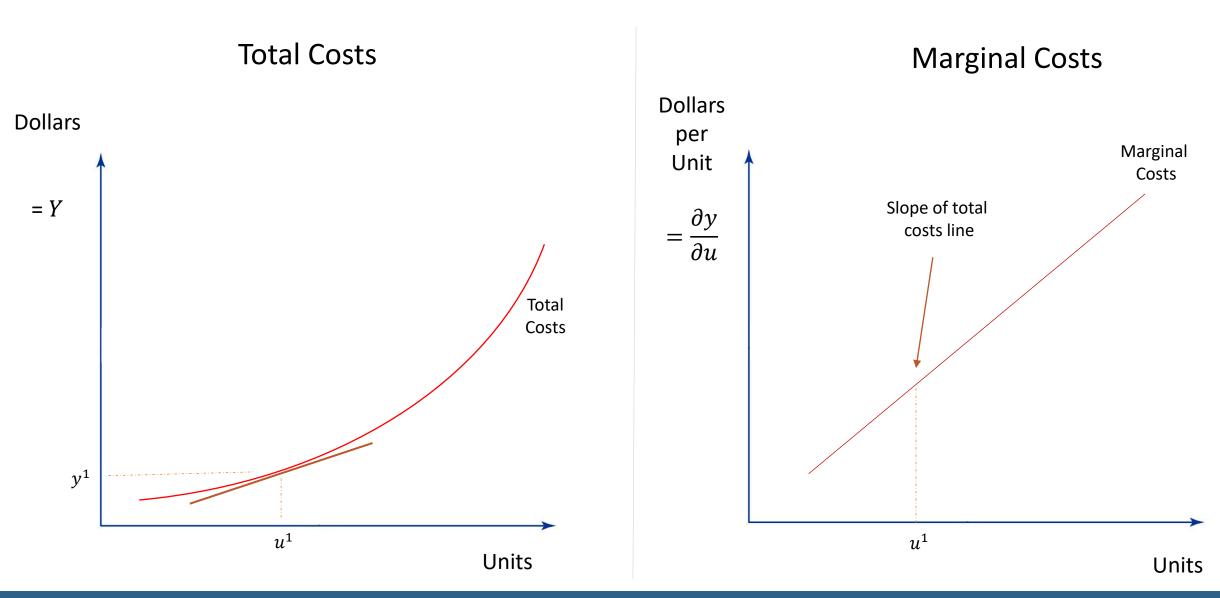




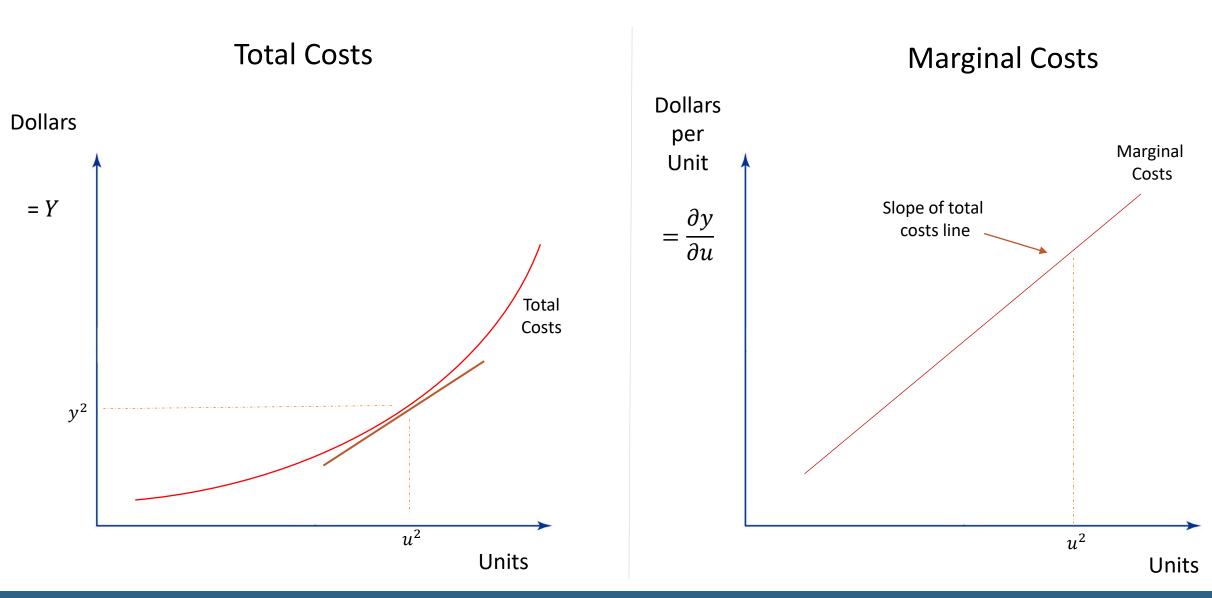
Supply



Supply

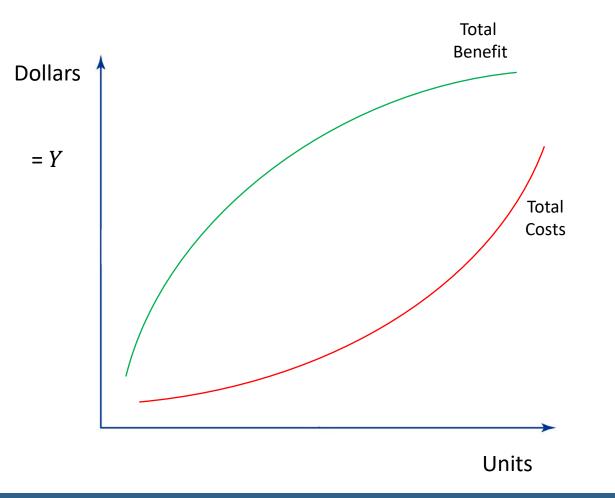


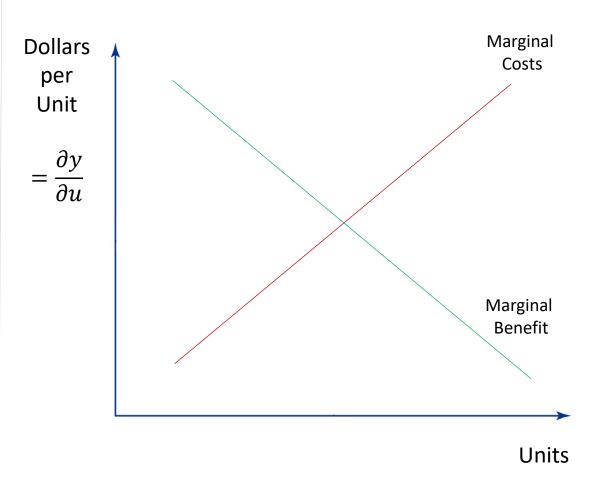
Supply



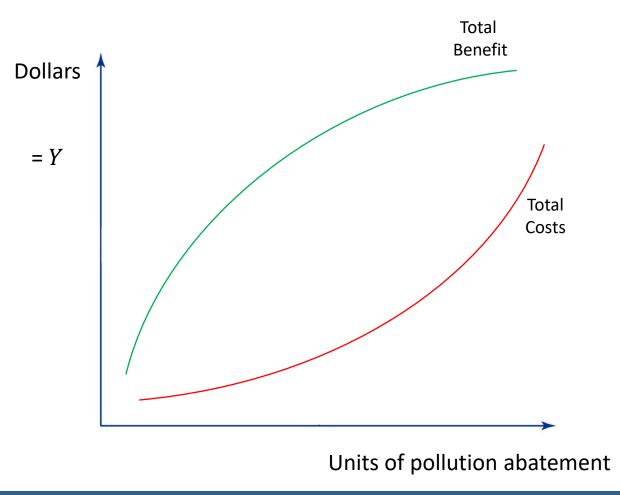
Demand and Supply

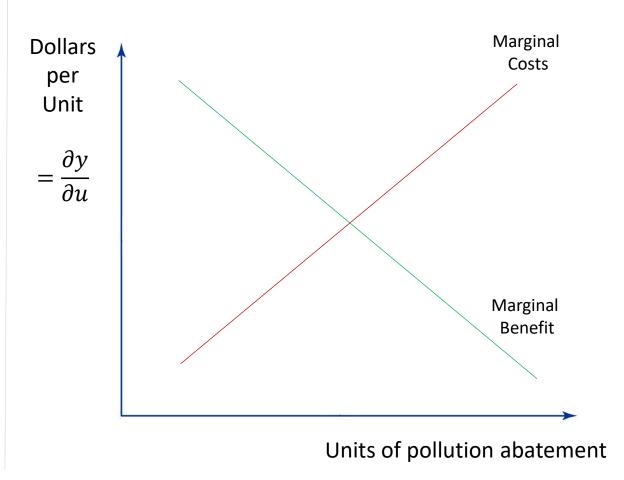
Total Benefits and Total Costs



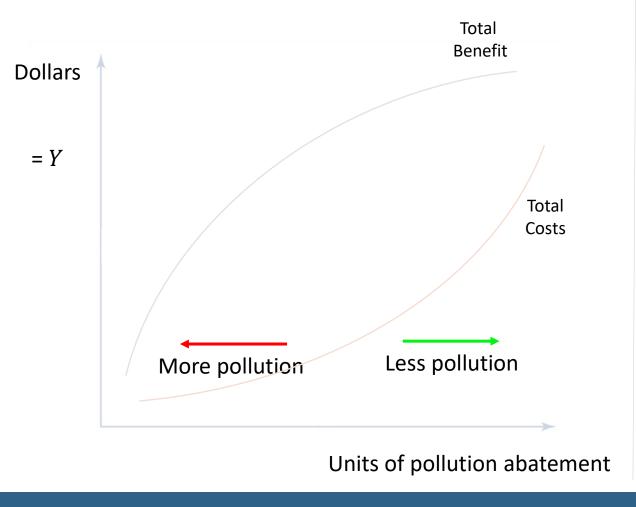


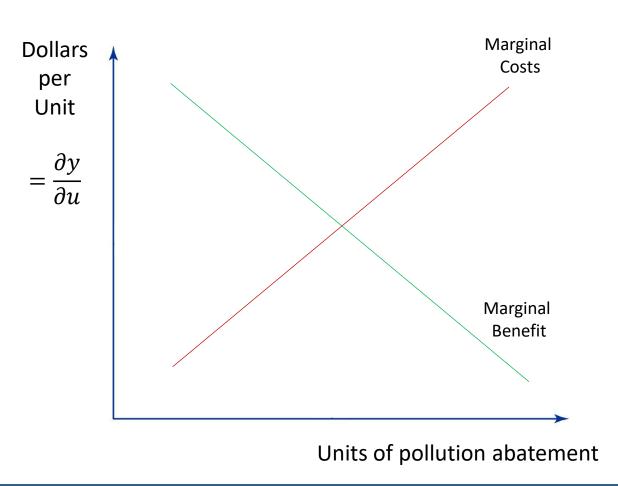
Total Benefits and Total Costs



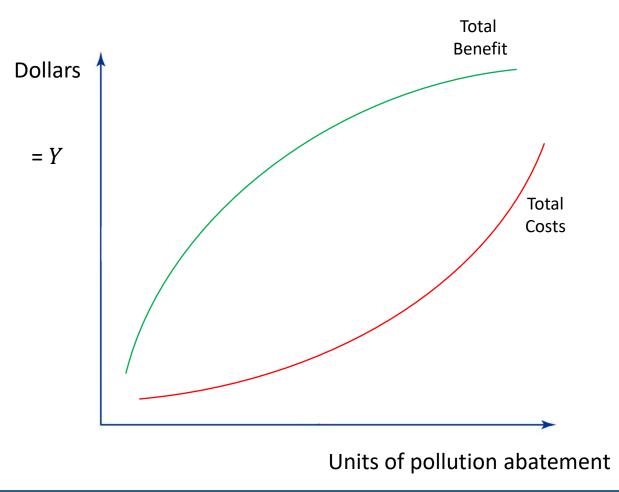


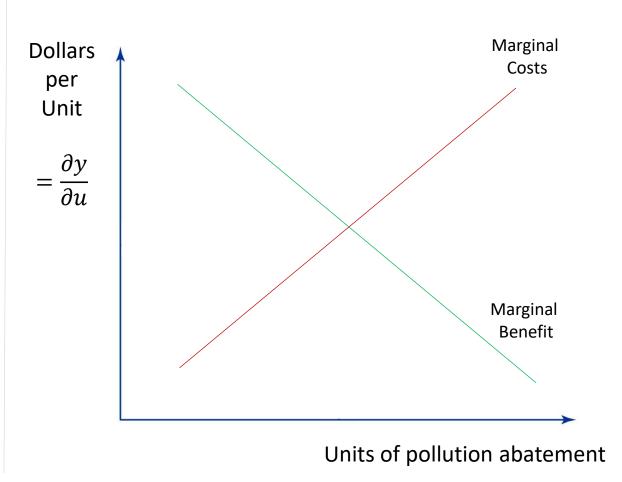
Total Benefits and Total Costs





Total Benefits and Total Costs





A "market" for "pollution"...

There are benefits from decreasing pollution

Benefits are decreasing in the amount of pollution abatement

There are costs of decreasing pollution

Costs are increasing in the amount of pollution abatement

