

TABLE 1-1 Private Goods and Public Goods

| | No Joint Consumption | Joint Consumption |
|---------------------------|--|---|
| Exclusion Is Feasible | <p>1 Pure private goods Examples: DVD players, automobiles, houses</p> | <p>2 Toll goods Examples: cable TV services, electrical utilities</p> |
| Exclusion Is Not Feasible | <p>3 Common pool resources Examples: air, water, grazing land, oceans, fisheries, wildlife</p> | <p>4 Pure public goods Examples: national defense, public parks</p> |

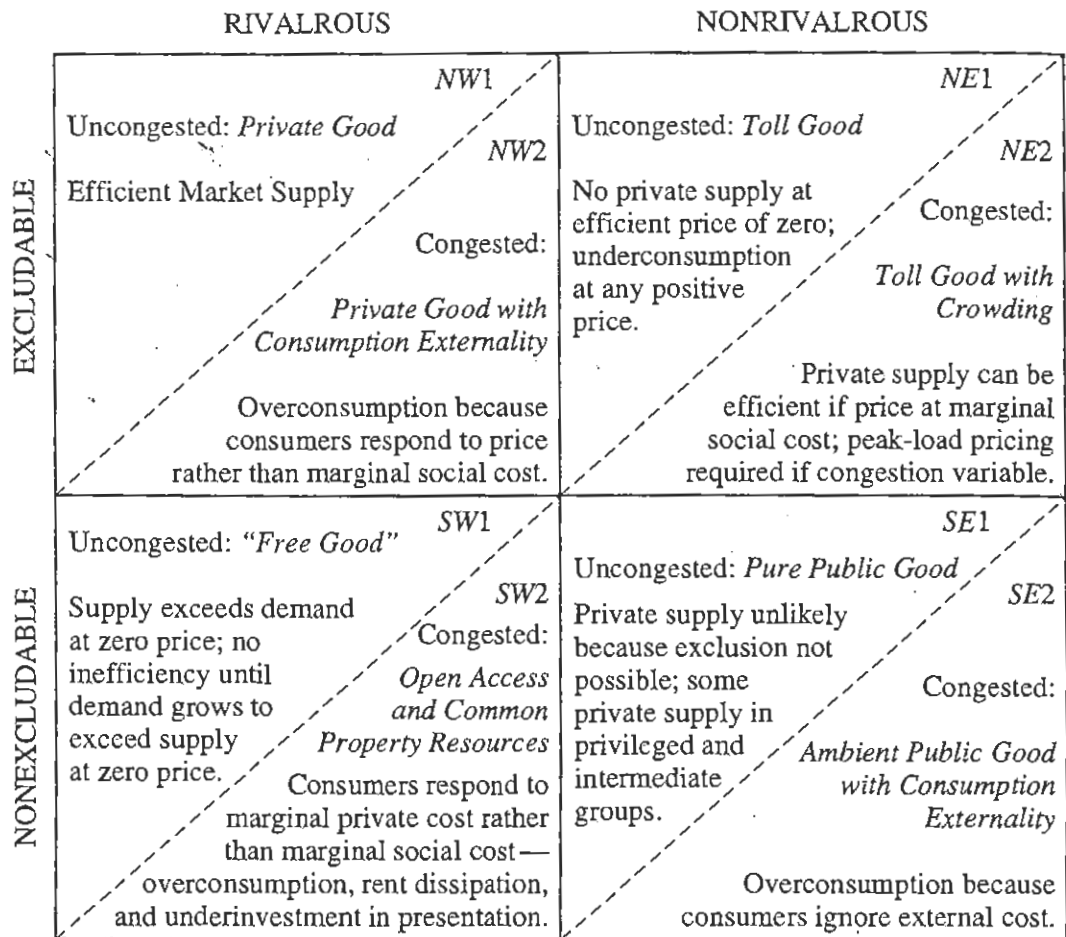


Figure 5.2 A Classification of Goods: Private and Public

Table 5.1 *Examples of Externalities*

| | Positive | Negative |
|---------------------------------------|---|---|
| Producer- to- Producer | Recreational facilities attracting people who purchase from nearby businesses | Toxic chemical pollution harming downstream commercial fishing |
| Producer- to- Consumer | Private timber forests providing scenic benefits to nature lovers | Air pollution from factories harming lungs of people living nearby |
| Consumer- to- Consumer | Immunization by persons against contagious disease helping to reduce risk to others | Cigarette smoke from one person reducing enjoyment of meal by another |
| Consumer- to- Producer | Unsolicited letters from consumers providing information on product quality | Game hunters disturbing domestic farm animals |

Table 6.1 *A Summary of Market Failures and Their Implications for Efficiency*

| Traditional Market Failures (Chapter 5) | |
|---|--|
| Public Goods | Pure public goods (undersupply) Open access/common property (overconsumption, underinvestment) Toll goods (undersupply) |
| Externalities (Missing Markets) | Positive externalities (undersupply) Negative externalities (oversupply) |
| Natural Monopoly | Declining average cost (undersupply) With costly monitoring (undersupply, X-inefficiency) |
| Information Asymmetry | Quality overestimation of experience, post-experience goods (overconsumption) Quality underestimation of experience, post-experience goods (underconsumption) |
| Other Limitations of the Competitive Framework (Chapter 6) | |
| Thin Markets | Cartelization (undersupply) |
| Preference Problems | Endogenous preferences (typically overconsumption) Utility interdependence (distributional inefficiency) Unacceptable preferences (overconsumption) |
| Uncertainty Problems | Moral hazard, adverse selection, unique assets (incomplete insurance) Misperception of risk (violation of expected utility hypothesis) |
| Intertemporal Problems | Nontraded assets, bankruptcy (incomplete capital markets) |
| Adjustment Costs | Sticky prices (underemployed resources) |
| Macroeconomic Dynamics | Business cycles (underemployed resources) |