	Understanding Monopoly
	· Barriers to entry - makes it difficult for new firms to enter the market
	· Allows many monopolists to enjoy long run economic profit At high prices, demand = elastic, price effect = small · Control of resources
	· Inability of potential competitors to raise enough capital Monopolies established after years of growing. Competitor needs to raise ~ \$# capital just to begin competing
	· Economies of Scale ATC I, savings T example of natural barrier · Natural monopoly exists because a single large firm has lower costs than any potential competitor
opputvi	Crovernment Created Barriers - Licenses (radio/tv frequency) to minimize negative externalities - Qualifications (practicing medicine/law) - Patents
	-grants temporary monopoly rights to a product -incontive to inhovate - Copyrights - creates unintended consequences (pirating)
	Perfectly competitive Monopoly Price takers (Price := MP) Price maker (Price != MP) (as sole provider)
	Horizontal demand Downward sloping demand curve for aftire indige

MR LML, I prod. , I price to mex. profits to wax profits MR > MC, 1 prod., & price MR = MC, profit max at Q monopolist goes 1 in domard Profit Maximizing Rule for Monopoly Profit maximized at output level (Q), MR = MC

If MR > MC & price to
max. profits Competitive: P=MR Firms sell as much as they want at Monopoly: P>MR To t ortput, it price muchat price
P>Mc but has more long-run economic profits When monopoly PIMR - Price effect - Unitz sold & price. Itself, loss - Output effect - T unitz sold. Itself, gain Production 1) Find product maximizing point MR = MC 2) Find output (Q) at this point 3) P = point on ATC curve. Cost = PAXQ Average Profit per unit = P-ATC

Total profit = (P-PA) × Q

" MC / Deadweight loss Demand Transfer to producer x MR Rodvar surply Q Q * *= monopolist taking over market Monopoly vs Competition Demand curve damunard-sloping = price maker Quenopoly < Qcompatition Revenue = producer surplus + x + (transfer to producer) Pomonopoly > Pcompetition Deadright loss occurs in Dealweight Loss - Monopoly 70 monopoly because some consumers who would barefit from a complitive market lose out Competition = 0 Deadweight loss = 0.5 × (PH - P) × (QH-Q) Consumer surplus = Q × (PH - PM)

Problems
Monopolies can make societies worse by
- v output so T prices (inefficient output and grice) - operate inefficiently (dead reight loss) = 2 market failure - v choices for consumers (few choices)
- no substitutes
- Rent seeking: (triffs). Unhealthy competition among rivals to secure tax on an company profits . Resources used to manopolize than becoming more comptite
Solutions
- Splitting up large company into smaller competiting compani - Reduce trade varriers - Price regulation (Regulating markets)
·
Marginal Cost Pricing At Pame, nonopoly experiences 1069 MC 4 ATC, so P L ATC
To fix: Government subsides, Set P=ATC, so P=MC Government overship.
Government Failure Government Intervention - removes inventive to 1 profits + efficiency Us employees rardy fired regardless of performance.
Fire Market - Firms under MC pricing has no incentive to bear Better than government intervention and changing incentives