Welfare loss

1

Welfare losses (deadweight losses) occur when the efficient market quantity is not demanded and supplied. They result in a reduction of the economic surplus (social surplus, total surplus), which is the sum of consumer and producer surplus.

Efficient market quantity:



In the efficient market equilibrium, benefits (represented by demand) and costs (represented by supply) are equal. If the quantity is larger or smaller than the efficient market quantity, a welfare loss results and there is a tendency towards equilibrium.

2

Examples of welfare losses are presented below. The following abbreviations are used:

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AC = Average cost	MSC = Marginal social cost
AR = Average revenue	P = Price
CS = Consumer surplus	PC = Price ceiling
D = Demand	PF = Price floor
MC = Marginal cost	PS = Producer surplus
MPB = Marginal private benefit	Q = Quantity
MPC = Marginal private cost	S = Supply
MR = Marginal revenue	WFL= Welfare loss
MSB = Marginal social benefit	WP = World price



Example 2.2 *Price floor and price ceiling*





Example 2.4 Sales tax (per unit)





Example 2.6 Negative externalities


