

Backward Bending Supply

- People value both money and the things it can buy and the time to enjoy the things money can buy.
- At some point, people decide to spend less time working.



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Evidence on Backward Bending

Gross Domestic Product and Hours Worked in the United States, 1820-1989					
Year	Per Capita GDP	Hours Worked			
1870	2.254	2.964			
1890	3,115	2,964			
1913	4,868	2,605			
1929	6,336	2,342			
1938	5,568	2,062			
1950	8,611	1,867			
1960	9,995	1,795			
1973	14,103	1,717			
1987	17,340	1,608			
1989	18,317	1,604			

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Evidence on Backward Bending

	Year	Per Capita GDP	Hours Worked	"Wage Rate"
	1870	2.254	2,964	\$0.76
Define the "wage		2,789	\$1.12	
		2,605	\$1.87	
rate" as Per Capita		2,342	\$2.71	
Iu		-	2,062	\$2.70
	GDF	P/Hours	1,867	\$4.61
1 1		1,795	\$5.57	
worked.		1,717	\$8.21	
	1987	17,340	1,608	\$10.78
ı	1989	18,317	1,604	\$11.42

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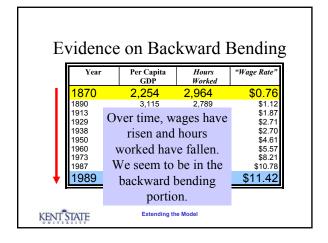
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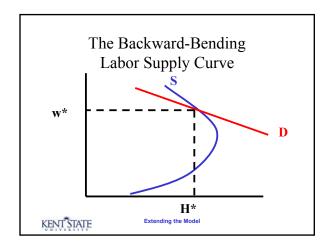
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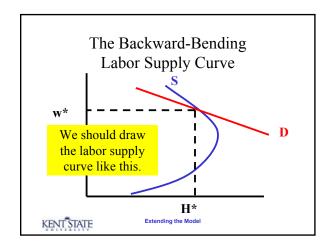
Evidence on Backward Bending Per Capita GDP Wage Rate Worked 1870 2,964 \$0.76 2,254 1890 3,115 2,789 \$1.12 1913 4,868 2,605 \$1.87 1929 6,336 2,342 \$2.71 1938 5,568 2,062 \$2.70 8,611 9,995 \$4.61 1950 1,867 \$5.57 1960 1.795 1973 14,103 1,717 1987 17,340 1,608 \$10.78 18,317 1,604 1989

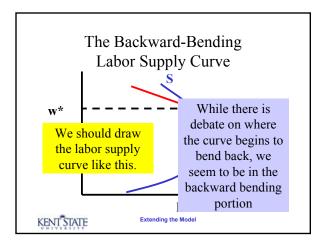
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A Simple Experiment

Miller's Pizzeria offers you \$1,000 an hour.
 The owner promises – and you believe – that you can earn that rate for the rest of your life.

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A Simple Experiment

- Miller's Pizzeria offers you \$1,000 an hour.
 The owner promises and you believe that you can earn that rate for the rest of your life.
 - No doubt you will work fewer hours, using the leisure, to spend your extra income (wisely?)

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A Simple Experiment

- Miller's Pizzeria offers you \$1,000 an hour.
 The owner promises and you believe that you can earn that rate for the rest of your life.
- Miller's Pizzeria is desperate for your efforts *right now*. This bonanza will not continue for long.

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Extending the Mode

A Simple Experiment

- Miller's Pizzeria offers you \$1,000 an hour.
 The owner promises and you believe –
 the You will work like a dog and put money
- M aside for the future. for your efforts *right now*. This bonanza will not continue for long.

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Extending the Mode

A Simple Experiment

- Miller's Pizzerie offers you \$1,000 an hour.
 The dog and put money aside for the future.
- Miller's Pizzeria In short, people make hay efforts right nov or pizzas while the continue for lon sun shines.

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