
The Basic Tableau

| Calculations in Real terms |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) | ('7) | (8) | (9) |  |
|  | Non- monetary Assets Carried Over | Carry over Plus Real Return | Money Balances Carried Over | Wage | Present Value of Future Income | Wealth | C | Money Holdings | Assets, End of Period | Price Level |
| 1 |  |  |  |  | \$480 | \$480 | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 3 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | 2.250 |
| 4 | \$158.4 | \$237.6 | \$86.4 |  |  | \$324 | \$324 |  |  | 3.375 |

KENTSTATE
Calculating with our Money
Demand Function-Part 2

## The Basic Tableau

| Calculations in Real terms |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) | ('7) | (8) | (9) |  |
|  | ( $\begin{gathered}\text { Non- } \\ \text { monetary } \\ \text { Assets } \\ \text { Carried } \\ \text { Over }\end{gathered}$ | Carry over Plus Real Return | $\begin{gathered} \text { Money } \\ \text { Balances } \\ \text { Carried } \\ \text { Over } \end{gathered}$ | Wage | Present Value of Future Income | Wealth | C | Money Holdings | Assets, End of Period | $\begin{array}{\|l\|} \hline \text { Price } \\ \text { Level } \end{array}$ |
| 1 |  |  |  |  | \$480 | \$480 | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 3 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | 2.250 |
| 4 | \$158.4 | \$237.6 | \$86.4 |  |  | \$324 | \$324 |  |  | 3.375 |

KENTSTATE Calculating with our Money Demand Function-Part 2

Familiar Friends


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Calculating with our Money
Demand Function-Part 2

## The Surprise Column



## Consumption and Money Demand

| Calculations in Real terms |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) | ('7) | (8) | (9) |  |
|  | Nonmonetary Assets Carried Over | Carry over Plus Real Return | Money Balances Carried Over | Wage | Present Value of Future Income | Wealth | C | Money Holdings | Assets, End of Period | Price Level |
| 1 |  |  |  |  | \$480 | \$480 | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 3 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | 2.250 |
| 4 | \$158.4 | \$237.6 | \$86.4 |  |  | \$324 | \$324 |  |  | 3.375 |

KENTSTATE $\quad$| Calculating with our Money |
| :---: |
| Demand Function-Part 2 |

## Starting

| Calculations in Real terms |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) | ('7) | (8) | (9) |  |
|  | Non- monetary Assets Carried Over | Carry over Plus Real Return | Money Balances Carried Over | $\begin{array}{\|c\|} \hline \text { Wage } \\ \text { Income } \end{array}$ | Present Value of Future Income | Wealth | C | Money Holdings | Assets, End of Period | Price Level |
| 1 |  |  |  |  | \$480 | \$480 | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 3 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | 2.250 |
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KENTSTATE
Calculating with our Money
Demand Function-Part 2


## Carry-over, Period 2



$$
\underset{V N T V I S T 1 T T Y}{\text { KENTATE }} \quad \begin{gathered}
\text { Calculating with our Money } \\
\text { Demand Function-Part 2 }
\end{gathered}
$$

Wealth, Period 2
Present Value of Current \& Balances Carried Over

$$
\underset{v c}{s \in t} z=\$ 720-\$ 230.4+\$ 38.4=\$ 528
$$



KENTSTATE

Future Income + Carryover Plus Real Return + Money

Calculating with our Money
Demand Function-Part 2



KENTSTATE Calculating with our Money

## Assets, End of Period 2



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Calculating with our Money
Calculating with our Money
Demand Function-Part 2

## Carry-over Period 2



KENTSTATE $\quad \begin{gathered}\text { Calculating with our Money } \\ \text { Demand Function-Part 2 }\end{gathered}$


## Assets, End of Period 3

|  | Assets Plus Real Return <br> Plus: Wage Income <br> Less: Consumption <br> Less: Increase in Money Holdings $[\$ 129.6-\$ 57.6]$ <br> Equals: Assets, end of Period |  |  |  |  |  | $\begin{array}{r\|} \hline \$ 183.6 \\ \$ 630.0 \\ \$ 216.0 \\ \$ 72.0 \\ \\ \$ 158.4 \end{array}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | Price <br> Level |
|  |  | Return |  |  | \$480 | \$480 |  |  | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 |  |  | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 3 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | 2.250 |
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From Period 3 to 4

| Calculations in Real terms |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) | ('7) | (8) | (9) |  |
|  | (ent ${ }^{\text {Non- }}$ | Carry over Plus Real Return | $\begin{gathered} \text { Money } \\ \text { Balances } \\ \text { Carried } \\ \text { Over } \end{gathered}$ | Wage | Present Value of Income | Wealth | C | Money Holdings | Assets, End of Period | Price Level |
| 1 |  |  |  |  | \$480 | \$480 | \$96 | \$57.6 | \$(153.6) | 1.000 |
| 2 | \$(153.6) | \$(230.4) | \$38.4 | \$300 | \$720 | \$528 | \$144 | \$86.4 | \$(122.4) | 1.500 |
| 4 | \$(122.4) | \$(183.6) | \$57.6 | \$630 | \$630 | \$504 | \$216 | \$129.6 | \$158.4 | ${ }^{2.250}$ |
| 4 | \$158.4 | \$237.6 | \$86.4 |  |  | \$324 | \$324 |  |  | 3.375 |



## End

