Figure 12.1
Profile of Normal Growth

Normal Growth: 3.3%
Figure 12.2
Recession Profile

Recession: -1.8% Growth
Figure 12.3
Recession Profile: Difference from Normal

Average Recession:
Difference from Normal

- IM PORTS: -1.5
- EXPORTS: -0.4
- INVENTORY: -0.9
- NET EXPORTS: 0.7
- RESIDENCES: -0.9
- FED NONDEFENSE: 0.0
- DEFENSE: -0.3
- STRUCTURES: -0.3
- DURABLES: -0.8
- STATE/LOCAL: -0.1
- EQUIPMENT: -0.8
- NONDURABLES: -0.6
- SERVICES: -0.5

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Figure 12.4
GDP Growth Cumulative and “Normal” Cumulative

Cumulative GDP Growth and Normal Estimate

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Figure 12.5
Normal Cumulative Contributions: Three Periods
Figure 12.6
GDP Deviations from Normal Cumulative

Cumulative Abnormal GDP Growth
Recessions Shaded: Peak to Trough
Figure 12.7
Investment Components of GDP during Seven Consumer Downturns
Figure 12.8
Other Components of GDP during Seven Consumer Downturns

Cumulative Abnormal Contribution to GDP Growth
Average of Seven Recessions

Quarters before and after Cycle Peak

Cumulative Percent

Imports
Fed Nondefense
State and Local Gov
Defense
Services
Nondurables
Exports

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Figure 12.9
Residential Investment During Ten Recessions

Residential Investment
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven

Quarters Before and After Cycle Peak

Percentage Points

48 Q4
53 Q2
57 Q3
60 Q2
69 Q4
73 Q4
80 Q1
81 Q3
90 Q3
01 Q1
AVERAGE7
Figure 12.10
Consumer Durables during Ten Recessions

Consumer Durables
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven
Figure 12.11
Equipment and Software during Ten Recessions

Equipment and Software
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven

Percentage Points

Quarters Before and After Cycle Peak

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Figure 12.12
Business Structure during Ten Recessions

Business Structures
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven

48 Q4
53 Q2
57 Q3
60 Q2
69 Q4
73 Q4
80 Q1
81 Q3
90 Q3
01 Q1
AVERAGE7

Quarters Before and After Cycle Peak

Percentage Points

-4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11
Figure 12.13
Inventories during Ten Recessions

Inventories
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven

Quarters Before and After Cycle Peak

Percentage Points

-4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11

48 Q4 53 Q2 57 Q3 60 Q2 69 Q4 73 Q4 80 Q1 81 Q3 90 Q3 01 Q1

AVERAGE7
Figure 12.14
Defense Spending during Ten Recessions

Defense
Cumulative Abnormal Contribution
Ten Recessions and Average of Seven
Figure 12.15
Exports During Ten Recessions

Exports
Cumulative Abnormal Contributions
Ten Recessions and Average of Seven

Quarters Before and After Cycle Peak
Percentage Points

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Figure 12.16
The 1953 DOD Downturn

Cumulative Abnormal Contributions
1953 Q2 Recession: The End of the Korean War

Quarters around 1953 Q2: The Cycle Peak
Percentage Points

-4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11

-4 -3 -2 -1 0 1 2

Homes
Durables
Equipment
Structures
Defense
Inventories

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Figure 12.17
Cumulative Abnormals: The 2001 Internet Comeuppance

Cumulative Abnormal Contributions
2001 Q1 Recession

Quarters Before and After Cycle Peak (2001 Q1)
Figure 12.18
Equipment and Software Cumulative Contribution to GDP Growth
Figure 12.19
GDP Growth, 2000-2008
Figure 12.20
Investment in Residences

Defense and Residences
Cumulative Abnormal Contributions
Recessions Shaded: Peak to Trough