Outlook for the Auto Industry

Federal Reserve Economic Outlook Symposium June 1, 2007

May '07

Auto Industry Leading Indicators

Ability To Buy

	<u>Iviay uo</u>	iviay UI
Disposable Income	Green	Green
Household Debt	Green	Red
Yield Curve	Yellow	Red
Inflation	<u>Yellow</u>	Yellow
Composite	Green	Red

May '06

Consumer Debt Payments

Installment, Mortgage & Auto Leases



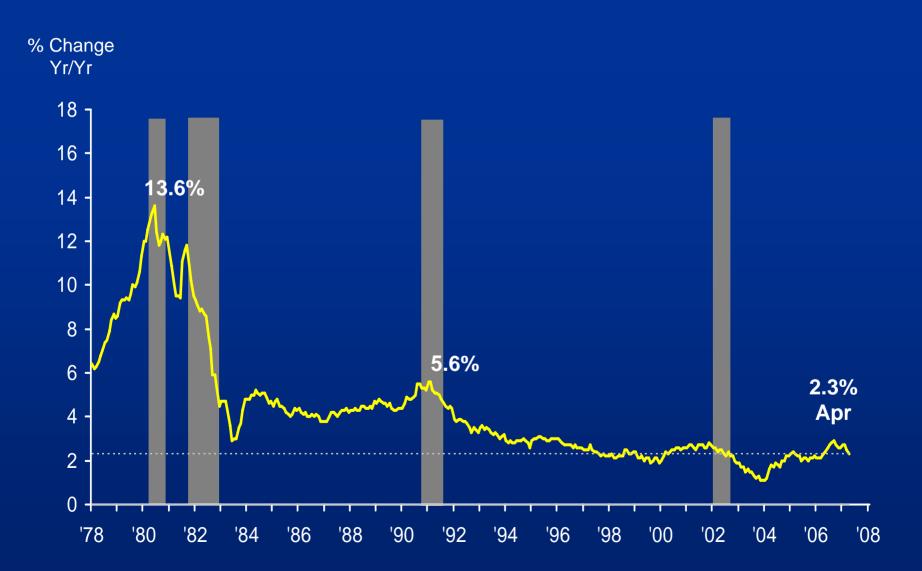
Consumer Prices

All Items, Not Seasonally Adjusted



Consumer Prices: Core Inflation

All Items Less Food & Energy, NSA



Auto Industry Leading Indicators

Willingness to Buy

	<u>May '06</u>	<u>May '07</u>
Consumer Attitudes	Yellow	Yellow
Unemployment Claims	Green	Green
Workweek	Green	Green
Stock Market	<u>Green</u>	<u>Green</u>
Composite	Green	Green

Consumer Attitudes

Average of U of M & Conference Board



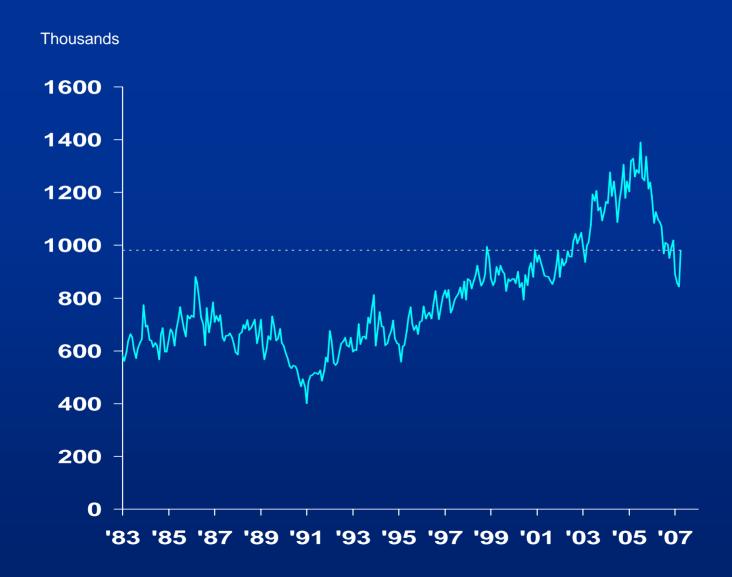
Buying Conditions for Vehicles

During Next 12 Months

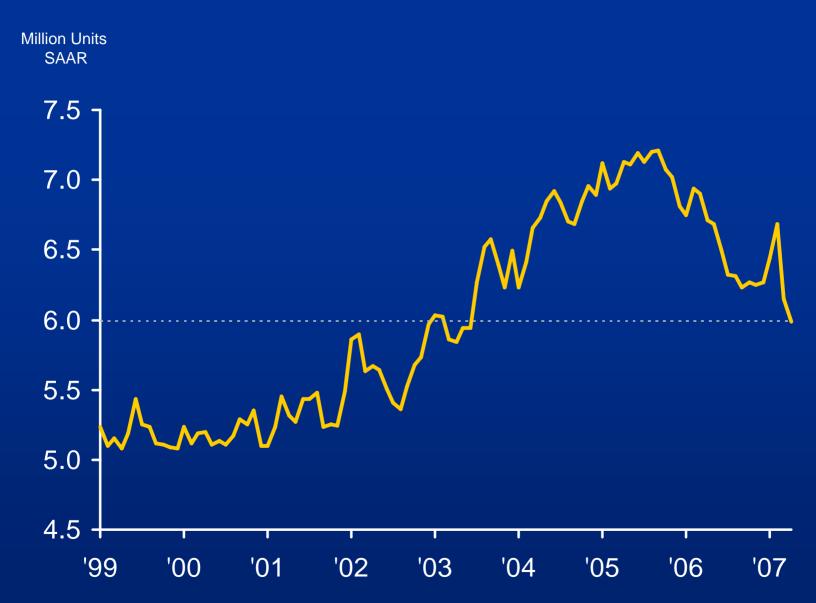


Housing and the Sub Prime Market

New Home Sales

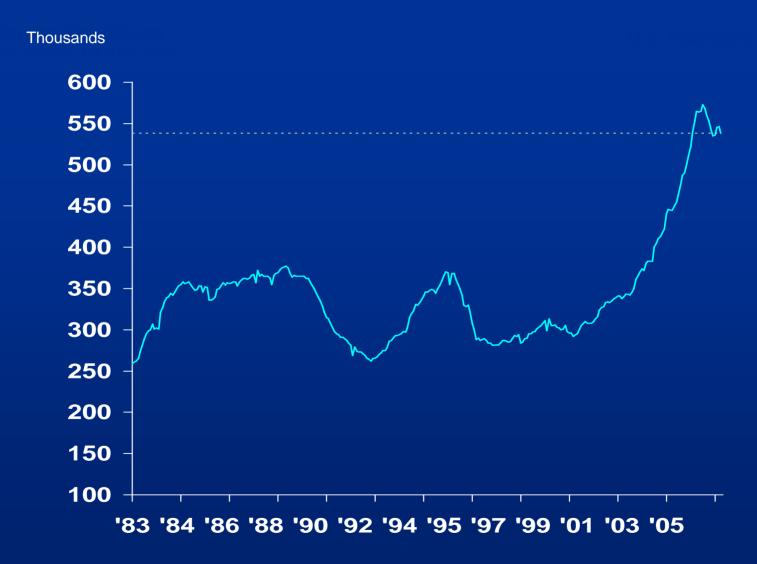


Existing Home Sales



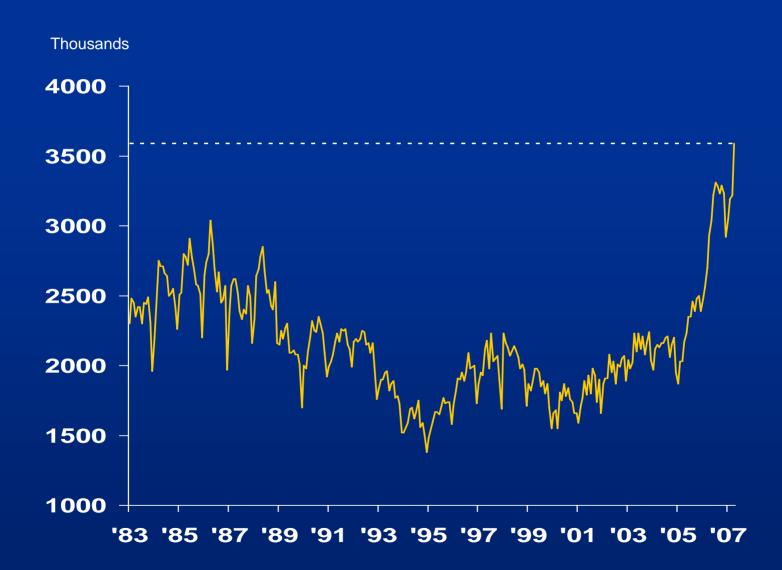
New Homes for Sale

At End of Month, SA



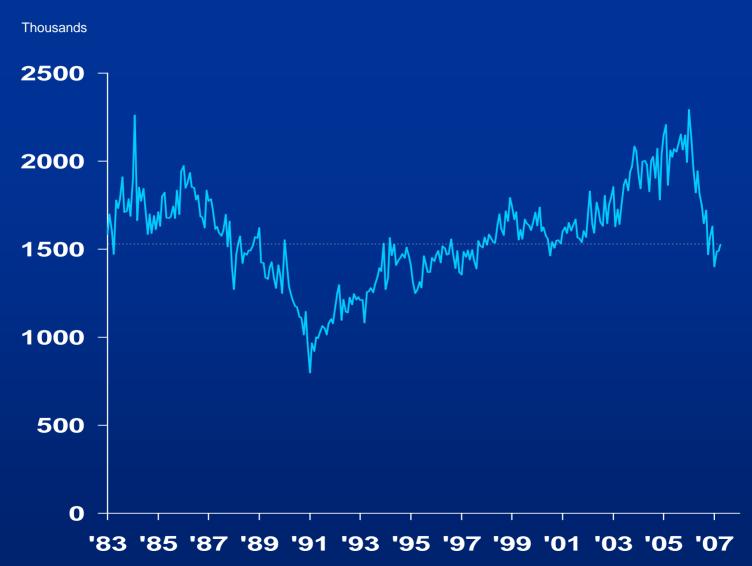
Existing Homes for Sale

NSA



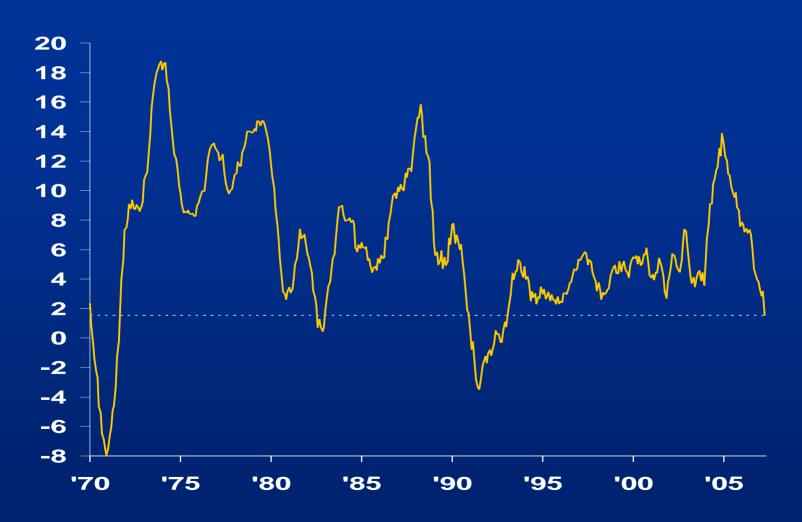
Housing Starts

New Housing Units



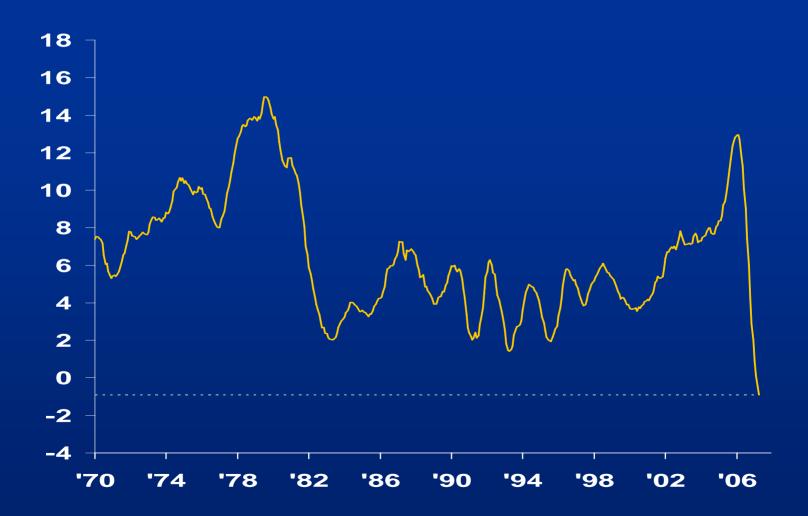
Median New Home Prices

Yearly % Change, 12 Month Moving Average

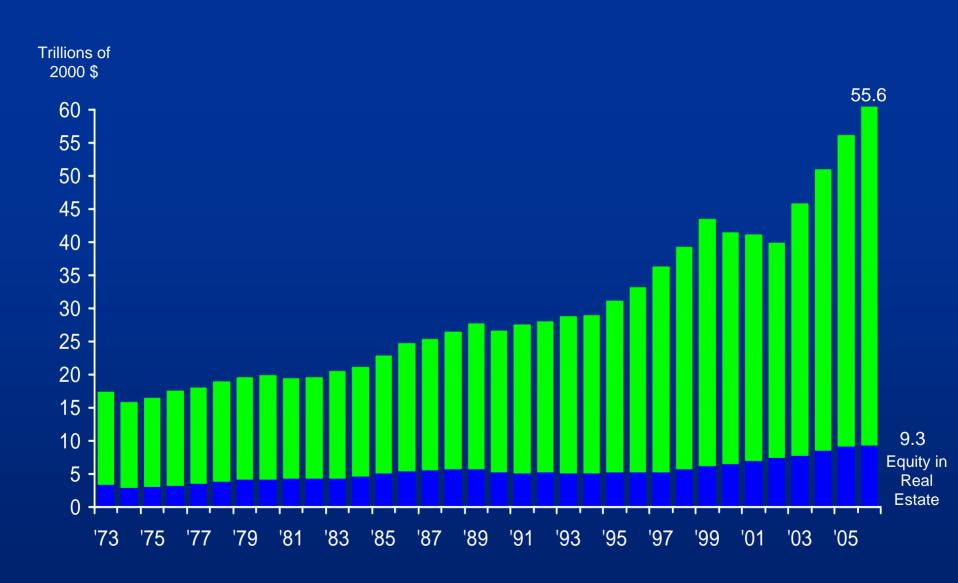


Median Existing Home Prices

Yearly % Change, 12 Month Moving Average

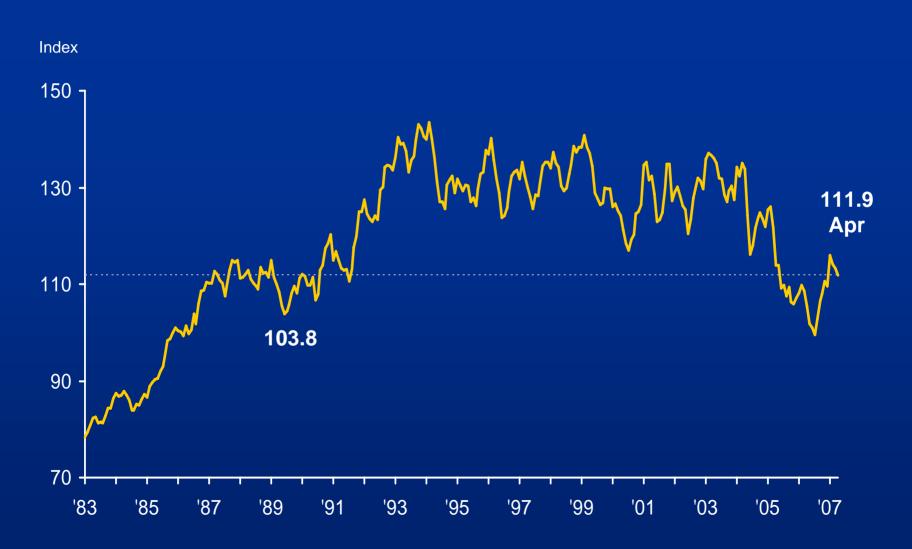


U.S. Household Net Worth



U.S. Housing Affordability Index

Existing Homes



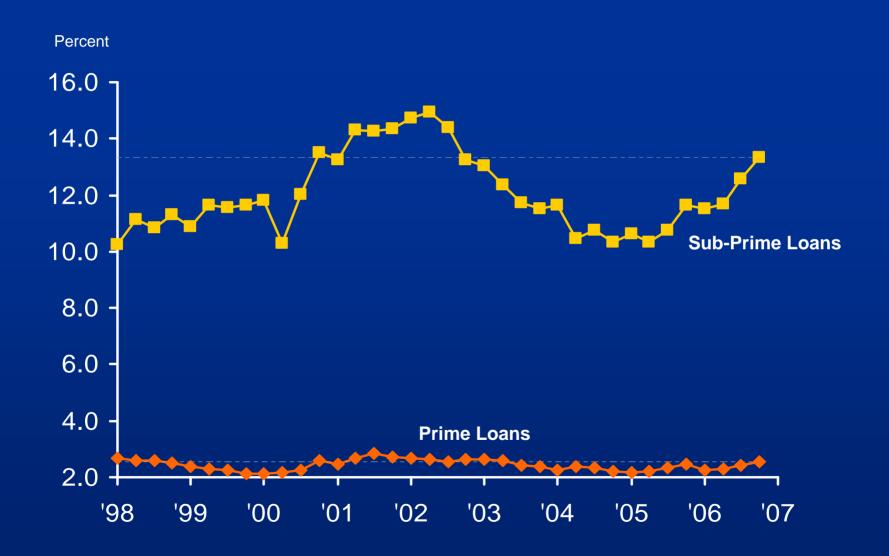
Buying Conditions for Houses

During Next 12 Months



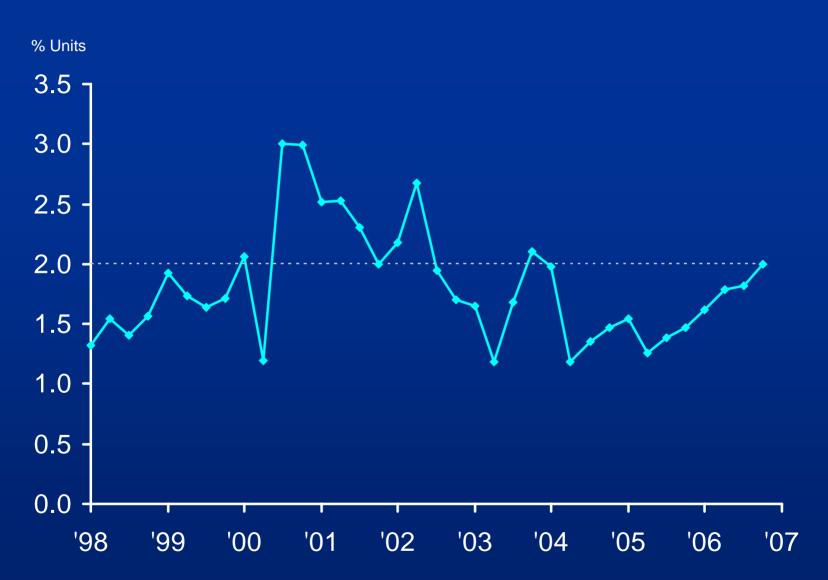
Mortgage Delinquencies

Total Loans with Installments Past Due, SA



Subprime Foreclosures

Started During Quarter, SA



The Effect of Gas Prices on Auto Sales

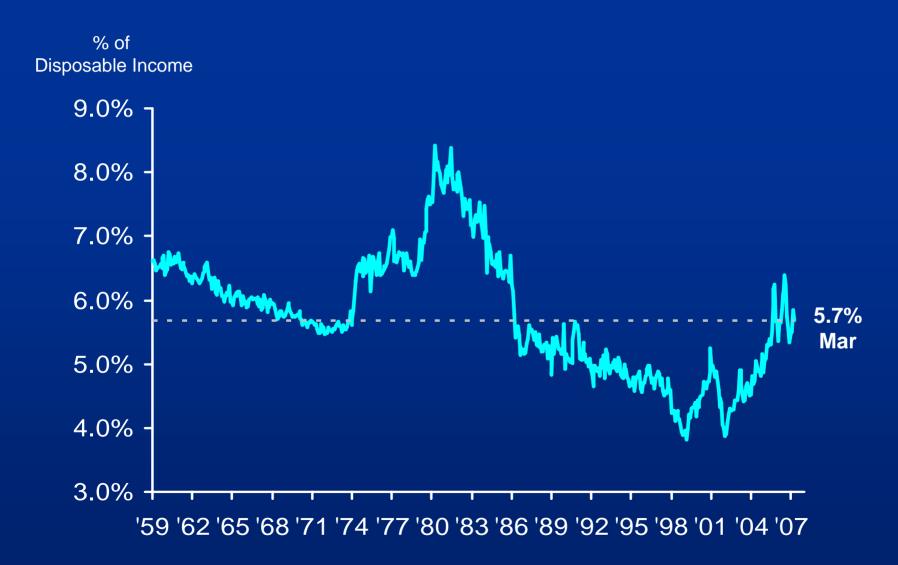
Oil Prices

Dollars/Barrel

	Actual		
	2004	2005	2006
West Texas Intermediate	\$ 41	\$ 56	\$ 66

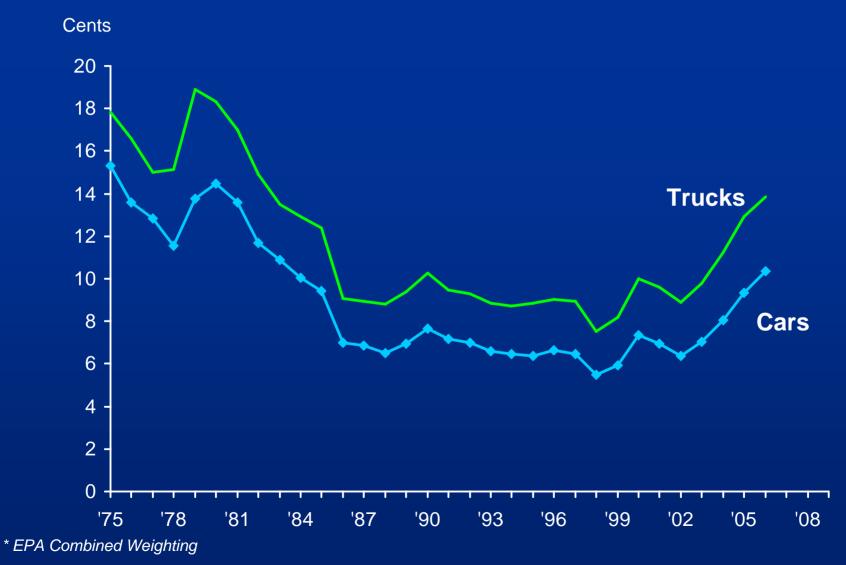
Consumer Spending

Energy Goods & Services



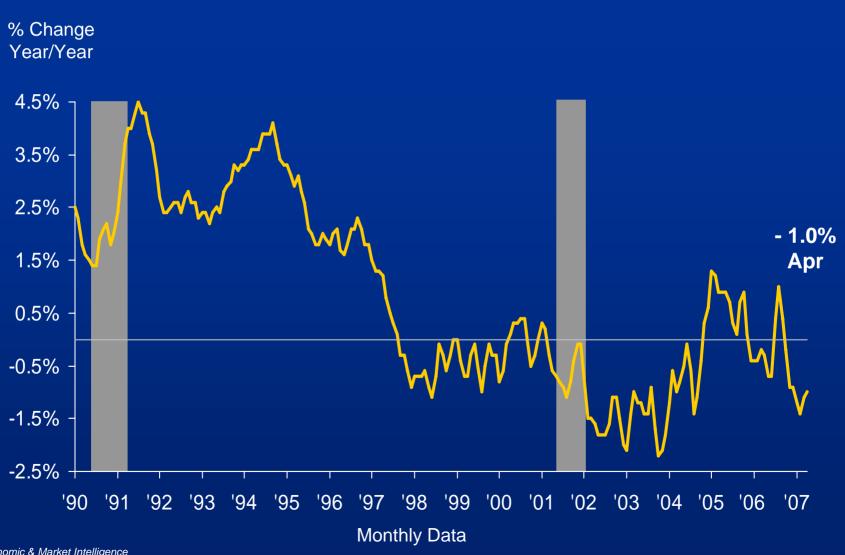
Cost Per Mile Driven*

U.S. Auto Industry New Light Vehicles



	<u>Ranking</u>
1980	4 th
2001	22 nd
2002	19 th
2003	13 th
2004	11 th
2005*	9 th
2006	4 th

New Vehicle Consumer Prices



Current Oil Price Forecasts

West Texas Intermediate, Dollars/Barrel

	<u> </u>			Forecast *	
	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
Analysts Average	\$ 41	\$ 56	\$ 66	\$ 63	\$ 63
EIA				64	64
DaimlerChrysler				63	60

2007 Gasoline Price Forecast Comparison, Retail Prices All Grades

DaimlerChrysler



Total Vehicle Sales

Gasoline Scenarios, Calendar Year

Gasoline \$/Gallon	<u>Cl</u>	<u>hrysler Fored</u>	<u>cast</u>
2007	\$2.54	\$3.00	\$3.50
2008	2.46	2.85	3.30
Million Units			
2007	17.2	17.0	16.8
2008	17.4	17.2	17.0

Every 10 Cent increase in gasoline price equates to 40,000 fewer vehicle sales.

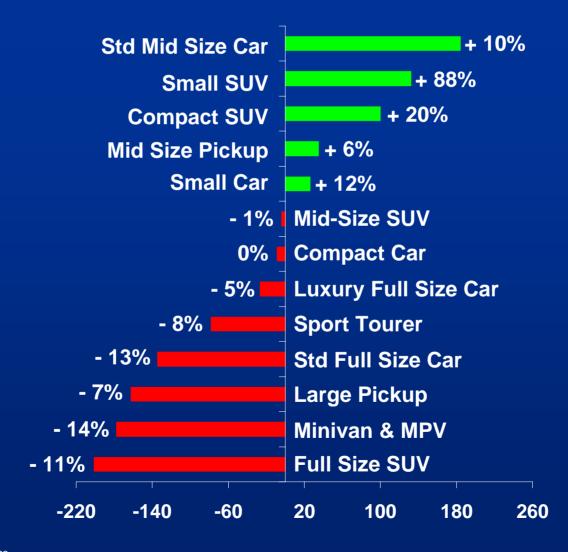
U. S. Auto Industry Sales

Light Vehicles, Million Units

	Actual		Forecast	
	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
U.S.	17.4	17.1	17.0	17.2
Canada	1.6	1.7	1.6	1.6
Mexico	<u>1.2</u>	<u>1.2</u>	<u>1.2</u>	<u>1.2</u>
Total NAFTA	20.2	19.9	19.8	20.0

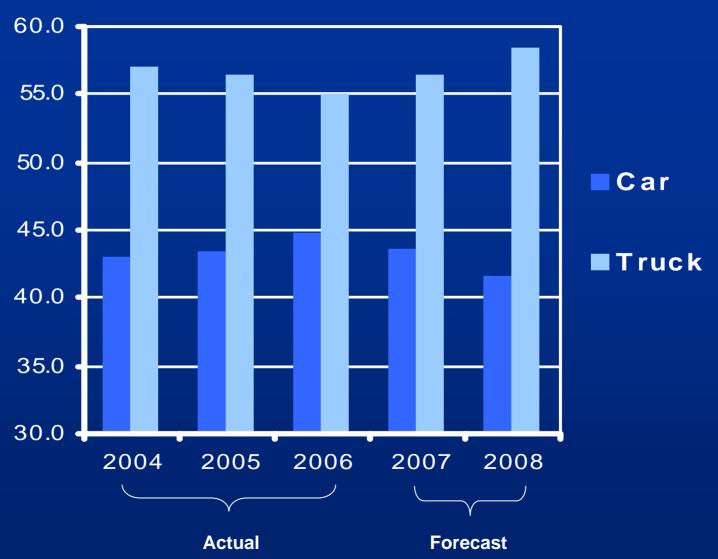
U.S. Auto Industry Sales Forecasts

April 2007 Forecast H/(L) June 2006 Million Units



U.S. Industry Car/Truck Mix

% of Total Industry



Stock and Days Supply

	Stock (000s)	Days <u>Supply</u>
Chrysler Group	483	60
General Motors	1,028	80
Ford Motor Co.	566	63

Light Vehicle Production

Industry, NAFTA

(in 000)	<u>Q1</u>	<u>Q2</u>	<u>Q3</u>	<u>Q4</u>	<u>Total</u>
2005	3,965	4,138	3,731	3,919	15,753
2006	4,129	4,114	3,399	3,609	15,252
2007	3,823	4,028	3,636	3,758	15,245
2008	3,987	4,108	3,847	3,883	15,825

% Change Yr/Yr

'06/'05	+ 4.1%	- 0.6%	- 8.9%	- 7.9%	- 3.2%
'07/'06				+ 4.1%	
'08/'07	+ 4.3%	+ 2.0%	+ 5.8%	+ 3.3%	+ 3.8%

Conclusions

- The U.S. economy has slowed following interest rate increases by the Federal Reserve of 425 basis points in two years.
- Higher rates clearly have contributed to the popping of the housing bubble.
- The subprime meltdown appears to have caused another down leg in housing. The housing drag will end this year unless regulators overreact.
- Households appear to be in pretty good shape in spite of worrying debt levels.
- Most analysts think seasonal peak in gas prices is now.
- Our current planning assumptions include \$3.00 + gas through the summer.
- The death of trucks and especially SUV's has been greatly exaggerated.