### May 18, 2011 U.S. Lodging Industry Overview

Expensive Oil:

A Detour on the Road to Recovery?

or

A Bump on the Path to Better Times?

**Prepared for:** 

# **Economic Forecasting Center Georgia State University**

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### **Questions We Have Been Asking:**



How many of you believe that hotel owners will make more money this year than last?

### **Answer:**



Demand,
Occupancy, Average
Daily Rate, RevPAR
and Profits will all be
higher in 2011 than
they were in 2010\*

<sup>\*</sup> Last said in 2006.

### **Questions We Have Been Asking:**

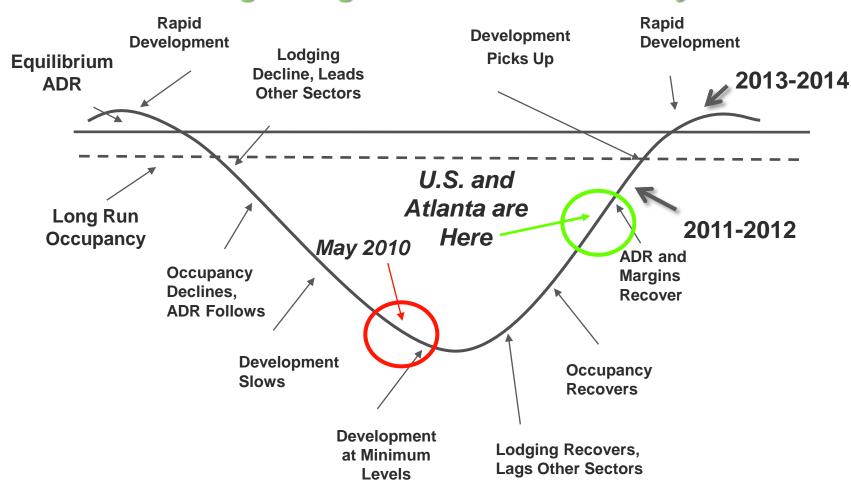


## How about more money in 2012 than in 2011?

### The Hotel Market Cycle



### **Moving Along the Road to Recovery**



## **Economic Assumptions Driving Our Forecasts:**



Base Case S	<u>Scenario</u>
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	Payroll Employment		Real Pe		Real	GDP	CPI (Inf	flation)
2009	-4.3%	-4.3%	-1.9%	-1.9%	-2.6%	-2.6%	-0.3%	-0.3%
2010	-0.5%	-0.5%	1.3%	1.3%	2.9%	2.9%	1.6%	1.6%
2011	1.2%	1.7%	3.7%	4.0%	3.3%	3.9%	2.1%	1.5%
2012	2.3%	2.4%	4.7%	3.8%	4.3%	4.0%	2.0%	2.5%
2013	2.6%	2.5%	5.0%	4.6%	3.9%	3.7%	2.9%	3.2%
L.R.A	. <u>1.</u>	<u>2%</u>	<u>2.7</u>	7%	2.7	<u>7%</u>	2.9	9%

Source: Moody's Analytics, April 2011 L.R.A. = Long Run Average (January 2011)

## A Review of the Drivers of Demand Change

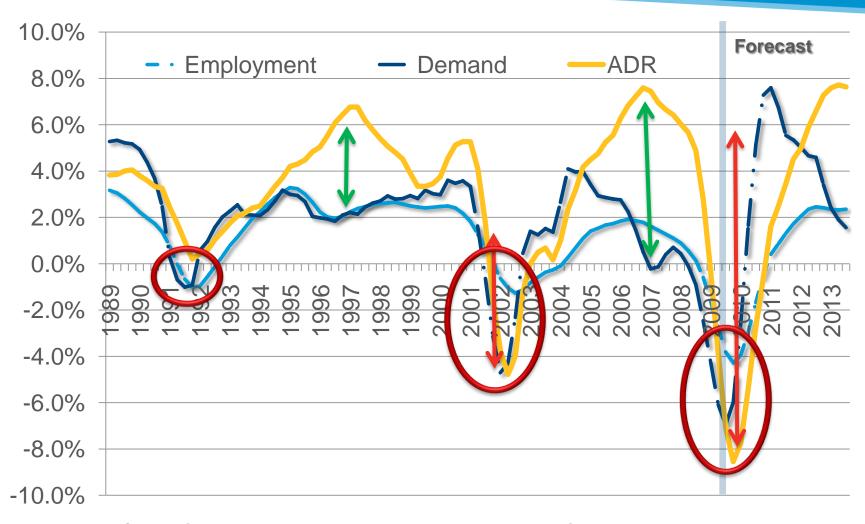


Demand = f (Income, Employment  $\Delta$ , ADR)

- Real Personal Income (RPI)
  - Sluggish but not the problem or solution
- Employment ∆- Who lost their jobs?
- ADR Plunged!

# 4-Quarter Moving Average — U.S. All Total Payroll Employment Change, Average Daily Room Night Demand





Source: Colliers PKF Hospitality Research, Moody's Analytics, Smith Travel Research

### **Happy Thoughts**



### **History:**

- # of Consecutive Quarters of Increases

△ Demand – 5 Quarters

∆ Occupancy – 5 Quarters

 $\triangle$  ADR – 4 Quarters

 $\triangle$  RevPAR – 4 Quarters



### Forecast (Base Case Scenario):

- # of Consecutive Quarters above (below) Long Run Average

△ Demand (1.5%) — 11 Quarters

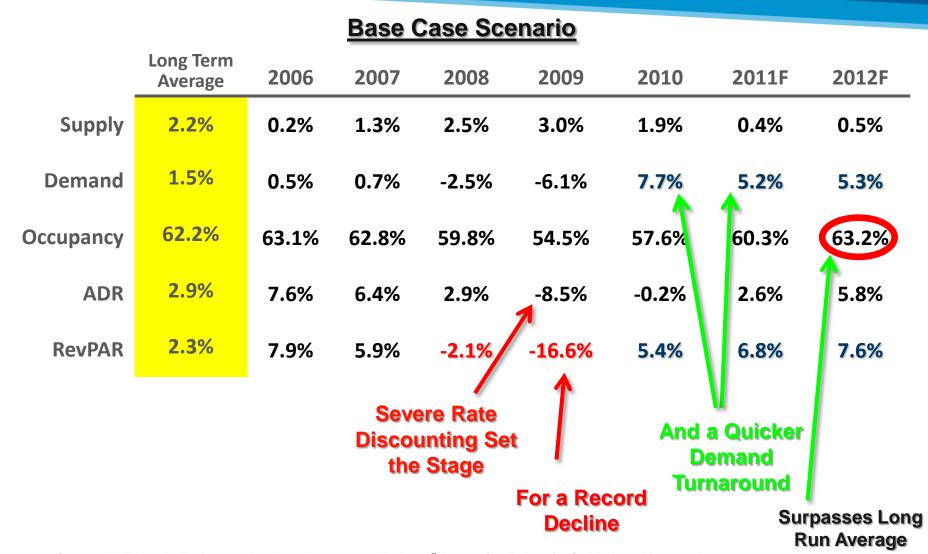
 $\Delta$  (Supply) (2.2%) – 14 Quarters

 $\Delta$  ADR (2.9%) – 19 Quarters (as far as we can see)

 $\Delta$  RevPAR (2.3%) – 19 Quarters (ditto)

# National Horizon - Forecasts through 2012

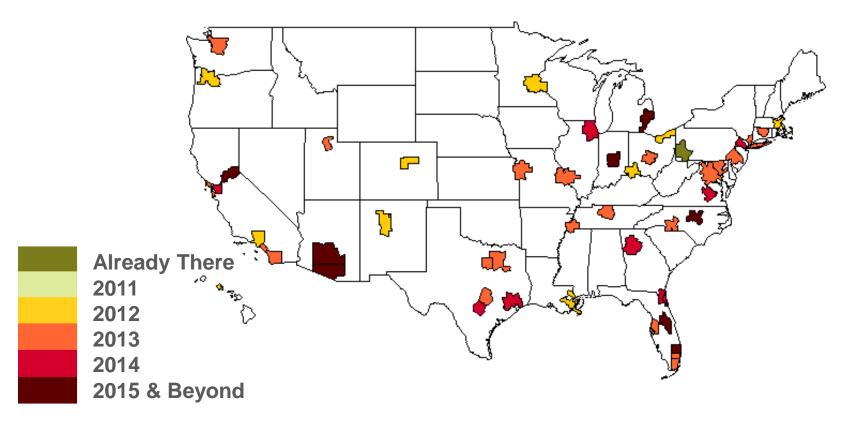




## Nominal RevPAR Levels Return to Historical Maximum in Year...



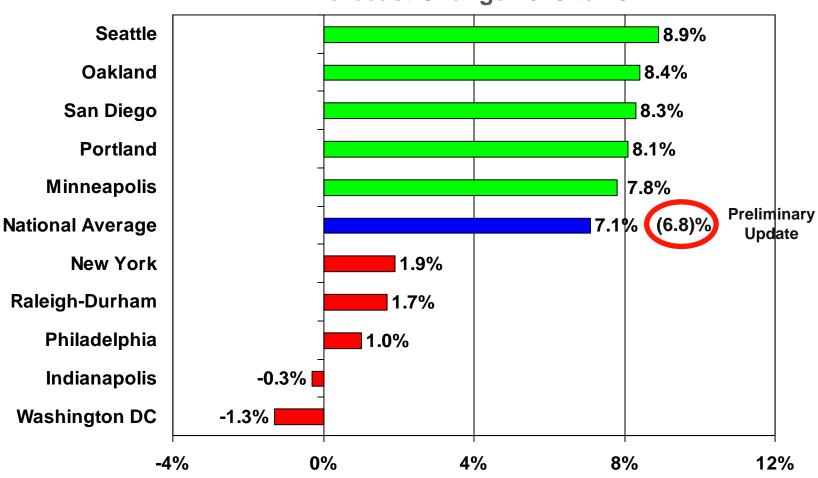
The map below displays the year in which nominal RevPAR levels are forecast to once again achieve their historical maximum: 1 market in 2010 0 n 2011, 10 markets in 2012, 23 markets in 2013, 8 markets in 2014, and 8 markets in 2015 or later.



## U.S. Hotel Markets Greatest and Least Change in RevPAR



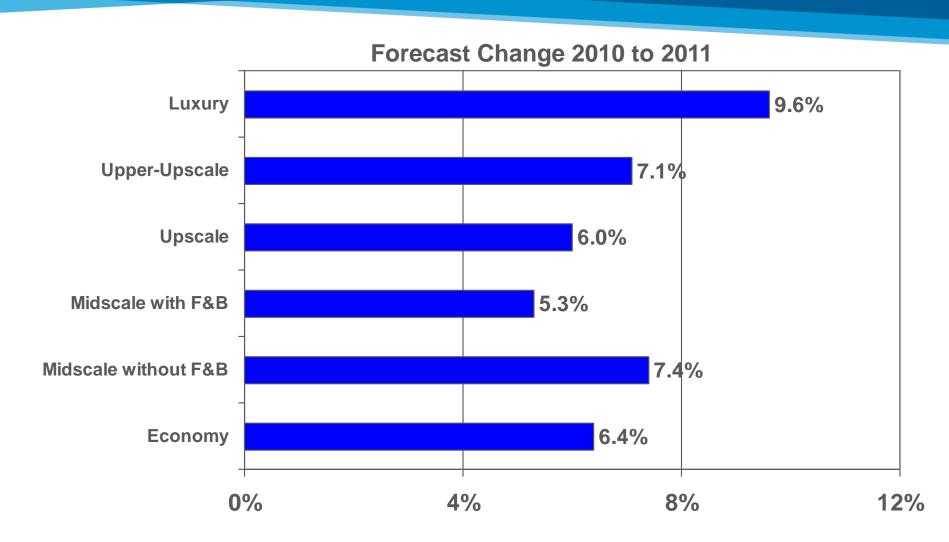




Source: Colliers PKF Hospitality Research, March - May 2011 Hotel Horizons® report.

# 2011 RevPAR Forecast By Chain-Scale

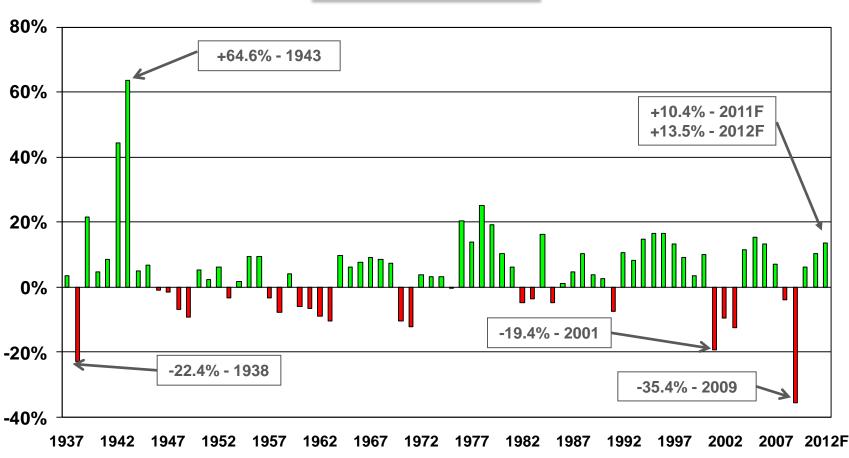




## Annual Change – All U.S. Hotels Unit-Level NOI\*



#### **Base Case Scenario**



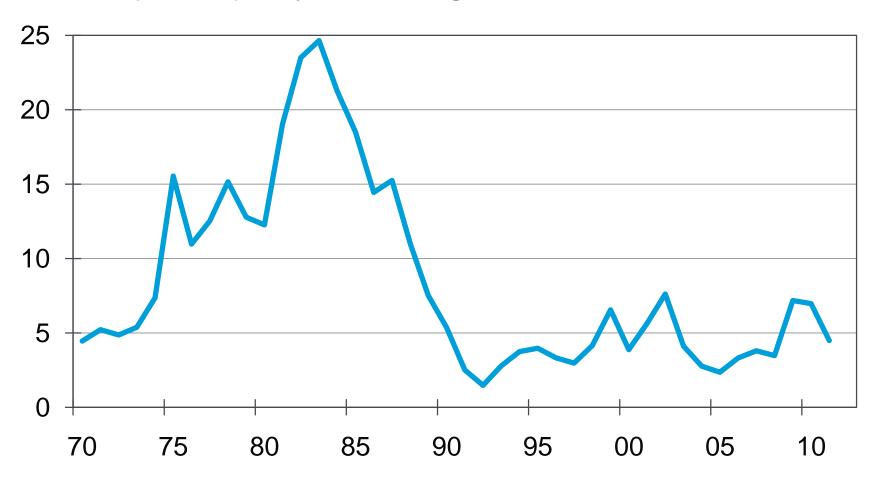
Note: \* Before deductions for capital reserve, rent, interest, income taxes, depreciation, and amortization.

Source: PKF Hospitality Research, *Trends® in the Hotel Industry* sample.

### No Margin for Error in Global Oil Markets...



OPEC spare capacity as a % of global oil demand

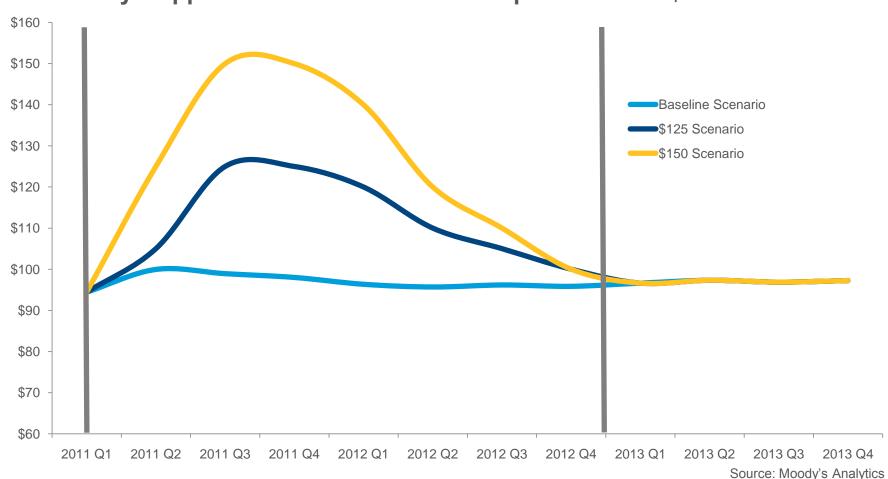


Sources: OPEC, EIA, IEA, Moody's Analytics

### **Moody's Oil Price Scenarios**



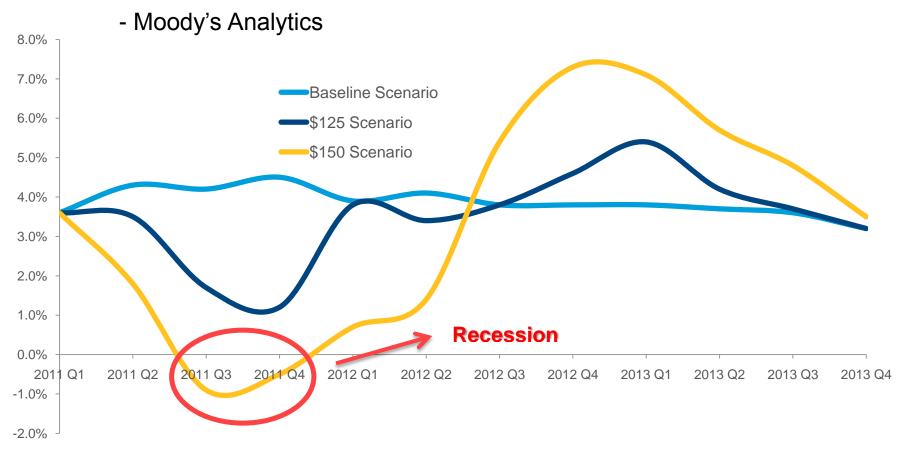
#### Moody's approximates the fundamental price of oil at \$93.53 in 2011.



## Potential Effect of an Oil Price Spike on U.S GDP

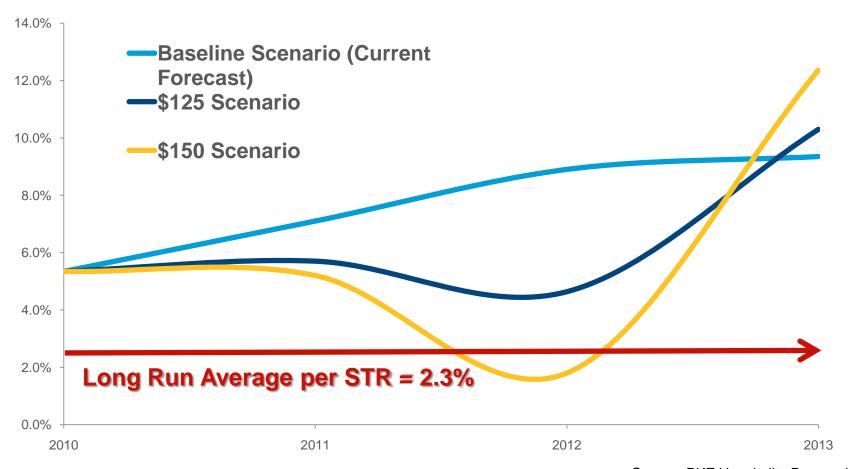


"Every \$1 increase in the price of crude oil raises gasoline prices by 2.2 cents per gallon and costs consumers about \$3 billion over the course of a year."



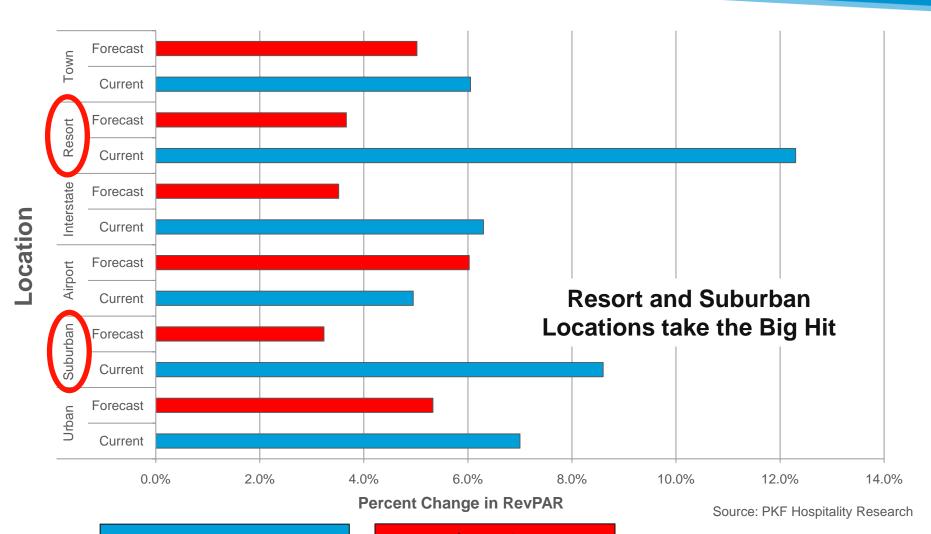
## Potential effect of Oil Price Increases on RevPAR





## Cumulative Change in RevPAR 2010 – 2012 – By Location





## **Summary Estimates**



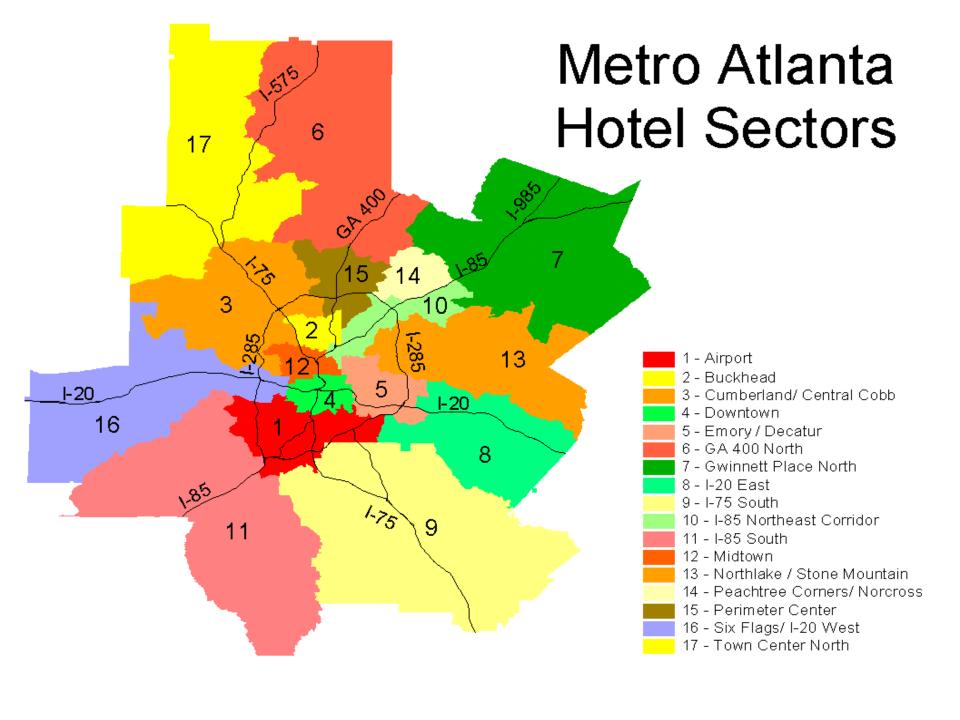
	Base Case				Oil at \$150	
<u>Year</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
Occupancy	60.3%	63.2%	59.7%	61.6%	59.2%	60.2%
ADR	2.6%	5.8%	2.1%	1.3%	2.4%	0.1%
RevPAR	6.8%	7.6%	5.7%	4.6%	5.2%	1.8%
NOI	10.4%	13.5%	6.5%	1.9%	6.2%	-2.2%

## Atlanta Forecasts Come from Hotel Horizons®



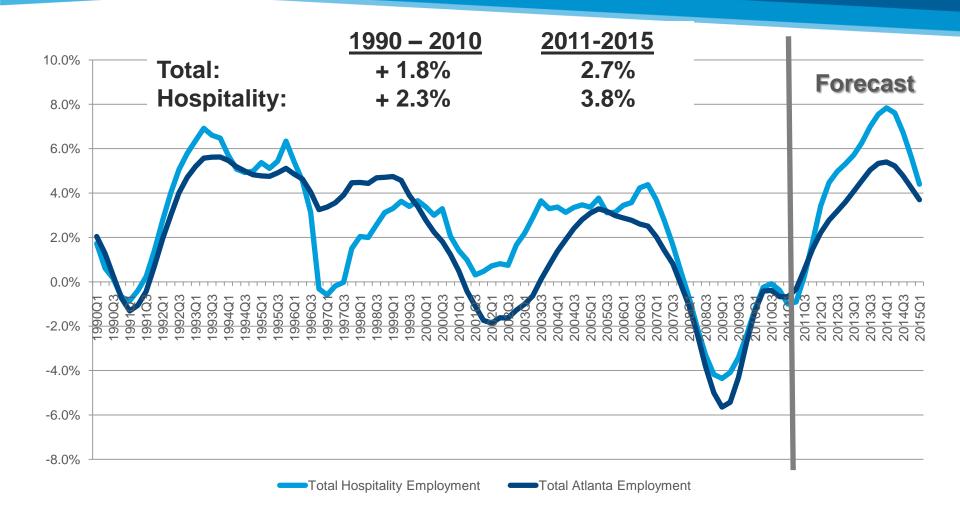






# 4-Quarter Moving Average Total Atlanta Employment and Total Atlanta Hospitality Employment





### **Atlanta Projects Under Construction**



City Sectors	# Projects	# Rooms
Airport	1	120
I-75 South	2	181
Six Flags I-20 West	1	100
	4	401

Long Run Average = 3.24% per year



Source: Dodge / TWR / STR

### Representative Brands Upper and Lower Tiers



Upper-Priced	Lower-Priced		
Courtyard by Marriott	Days Inn		
Holiday Inn	Fairfield Inn		
Hyatt	Hampton Inn		
Loews	Holiday Inn Express		
Marriott Hotels	Microtel		
Ritz-Carlton	TownPlace Suites		

Source: Smith Travel Research

### **Atlanta MSA**

All Hotels
Improved Occupancy in 2010 = Better ADR Performance in 2011



						Long- Term
	2007	2008	2009	2010	2011F	Average
Occupancy	63.4%	59.2%	53.0%	58.0%	58.2%	63.2%
% Change	-2.5%	-6.6%	-10.5%	+9.3%	+0.4%	-
ADR	\$93.44	\$93.95	\$85.45	\$84.85	\$88.53	-
% Change	+5.2%	+0.5%	-9.0%	-0.7%	+4.3%	+2.0%
RevPAR	\$59.25	\$55.65	\$45.30	\$49.18	\$51.51	-
% Change	+2.6%	-6.1%	-18.6%	+8.6%	+4.7%	+1.7%

Source: PKF Hospitality Research – March-May 2011 Hotel Horizons® Report, Smith Travel Research

# Atlanta MSA Upper-Priced Hotels



	2007	2008	2009	2010	2011F	Long- Term
	2007	2006	2009	2010	20115	Average
Occupancy	65.3%	61.6%	55.9%	61.8%	61.9%	66.8%
% Change	-1.8%	-5.6%	-9.4%	+10.7%	0.2%	-
ADR	\$125.25	\$124.56	\$111.47	\$110.81	\$115.79	-
% Change	5.2%	-0.6%	-10.5%	-0.6%	4.5%	+2.1%
RevPAR	\$81.75	\$76.78	\$62.26	\$68.52	\$71.72	-
% Change	3.2%	-6.1%	-18.9%	+10.1%	4.7%	+2.6%

Source: PKF Hospitality Research – March-May 2011 Hotel Horizons® Report, Smith Travel Research

### Atlanta MSA Lower-Priced Hotels



2007	2008	2009	2010	2011F	Long- Term Average
61.7%	57.0%	50.3%	54.1%	54.4%	60.7%
-3.0%	-7.6%	-11.7%	+7.7%	0.5%	-
\$61.77	\$62.60	\$57.64	\$55.68	\$57.35	-
5.9%	1.3%	-7.9%	-3.4%	3.0%	+1.9%
\$38.08	\$35.66	\$28.98	\$30.14	\$31.21	-
2.7%	-6.4%	-18.7%	+4.0%	3.5%	+1.5%
	-3.0% \$61.77 5.9% \$38.08	61.7% 57.0% -3.0% -7.6% \$61.77 \$62.60 5.9% 1.3% \$38.08 \$35.66	61.7%       57.0%       50.3%         -3.0%       -7.6%       -11.7%         \$61.77       \$62.60       \$57.64         5.9%       1.3%       -7.9%         \$38.08       \$35.66       \$28.98	61.7%       57.0%       50.3%       54.1%         -3.0%       -7.6%       -11.7%       +7.7%         \$61.77       \$62.60       \$57.64       \$55.68         5.9%       1.3%       -7.9%       -3.4%         \$38.08       \$35.66       \$28.98       \$30.14	61.7%       57.0%       50.3%       54.1%       54.4%         -3.0%       -7.6%       -11.7%       +7.7%       0.5%         \$61.77       \$62.60       \$57.64       \$55.68       \$57.35         5.9%       1.3%       -7.9%       -3.4%       3.0%         \$38.08       \$35.66       \$28.98       \$30.14       \$31.21

Source: PKF Hospitality Research - March-May 2011 Hotel Horizons® Report, Smith Travel Research

## Summary



### No Tailwinds Yet:

- \* Persistent high levels of unemployment
- \* Continued weakness in housing
- \* Higher inflation lifts appeal of hotels
- \* Oil prices a Bump on the Path.



