Appraisal Institute

U.S & CT Current Conditions:

With Near Term Outlooks

Headwinds and Tailwinds

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January 18, 2012

- <u>U.S. Economy</u> = Political mess, no adults
 - Lost our economic focus on what really matters
- Great Recession Began 12/07 Ended 6/09
 - Recession + financial panic = Unusual = 1929
 - Very slow recovery from financial distress
- **UE Rate Peak** 10.1%=10/09, 12/11=8.5% +15 %
 - 13m official w/o jobs, 20m w/discouraged + P/T
 - End 2012 8.5%, \downarrow b/c older workers gave up
- Occupy Wall Street Broad public protest
 - Born out of frustration + desperation + fear

- Job Loss/Regain Loss 8.8m Gain 2.7m 30%
 - -12/11 200k net job \uparrow , +125k monthly ave in 2011
 - Private ↑212k & Govt ↓12k Need 200k+ per month
 - Above stall speed Double dip vs. Escape velocity
- Real GDP Recession \ 5.1\% sizable loss
 - -Q3/11 = +1.8%, 1st half = 1%, Q4/11= 3% est
- U.S. Vulnerable to external/domestic shocks
 - Euro sovereign debtEnergy/food costs
- - Natural disaster Jap
 Political deadlock

- **Inflation CPI** 11/11 Headline 3.4%, Core 2.2%
- Balance of Pay Trade deficit \$450-500B
 - Energy, imports, China holds sizable U.S. debt
- Housing Depression, worst b/c job loss
 - New homes: permits, starts, sales at/near lows
 - 24% existing mgt Underwater
 - 5.88% mgts 60-day deling in Q3/11
 - 2.2mil in foreclosure pipeline, 4.4m 30-day del
 - Sale price existing home ↓1/3rd & falling

- Federal Reserve Monetary Policy
 - S-T (i) low, QE2 over, dissention on FOMC policy
 - Op Twist: L-T(i)↓, force to riskier assets, stim inflation
 - Low (i), hurts savers + retirees, discourages bank lending
- Congress/Pres Fiscal Policy at loggerheads
 - Deficit ceiling 8/11 Self-inflicted pain, S&P downgrade
 - Cong Super Comm 11/23/11 Collapse → Automatic cuts
 - Soc. Sec. cut, ue benefits, more debt ceiling, Bush cuts
- Banks Top 10 w/75% of U.S. bank assets
 - Flush w/cash & mgt loans, need capital + good borrowers
 - Narrow spreads, new fin-regs, regulator constraints
- Stock Market Weak + volatile
 - Undermines consumer demand + confidence in fairness

U.S. Economic Headwinds 2012

- U.S./Iran Impact on energy prices
- Global Weakness Europe recession + debt
- Home Foreclosures Depress home prices
 - Restrains construction recovery
- Jobless Recovery Limit cons spending
- Gov Spending Cuts Federal, state, local
- <u>Domestic Political Strife</u> Pres election
 - Soc sec, UE \$, debt ceiling, Bush cuts

U.S. Economic Tailwinds 2012

- Weak \$ ↑U.S. mfg, \imports + ↑exports
- Business Balance Sheets Flush w/cash
 - $-\downarrow$ (i) \rightarrow refi \downarrow costs + \uparrow profits w/o hiring workers
- Household Balance Sheets Improving
 - ↑savings, ↓mgt debt w/defaults=↑spend income
- 12/11 data Jobs, UE rate, new UE claims
 - Unsold housing inventory peak has passed
 - Low prices + low fixed rates = Time to buy

U.S. Outlook: 2011-2013

| | <u>2010</u> | <u>2011</u> | <u>2012</u> | <u>2013</u> |
|-------------------|-------------|-------------|-------------|-------------|
| • Jobs: | -0.7% | 1.0% | 1.2% | 1.3% |
| • Unempl Rt: | 9.6% | 8.9% | 8.7 % | 8.4% |
| • Real GDP: | 3.0% | 1.5% | 2.0% | 2.5% |
| • Real Income: | 1.8% | 2.2% | 3.2% | 2.2% |
| • Home pmts: | 0.6m | 0.6m | .87m | 1.3m |
| • Sales Existing: | 4.9m | 4.9m | 5.7m | 5.9m |
| • Med Home \$: | \$172.8 | \$164.0 | \$160.9 | \$161.5 |

CT Economy: September 2011 Data

- Jobs Lost 119k 3/08-1/10 Low 1,594k
 –11/11 =+0.1k Tot = 1,628.7k, +35.2k, +30%
- Unemply Rate Low 4.3% in Mar-May/06
 - -Peak 9.2% Feb-Mar/10, Nov/11 = 8.4%
- Ave Initial New Claims Low 1/06 3.7k
 - -Peak Mar/09 7.4k Nov/11 8.6k
- Super-sector Jobs Lost in Recession
 - Const -26.6% -19k 11/11 49.3k +0.6k
 - Mfg -12.7% -24k 11/11 167.5k -0.8k

CT Economy

LMA UE Rate – Nov/11 (nsa)

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    Bpt-Stfd 7.4%
    Hartford 7.9%
    Waterbury 10.2%
    Danbury 6.3%
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- Housing CT Depression
 - Permits YTD 2,584 -18.5% v. 11/10, Peak 9/04 =8,566
 - Sales Existing Prudential 1-fam Q3/11 vs. Q3/10

| • DOM | <u>Price</u> | <u>Sales</u> | |
|-----------------|----------------------|-----------------|--|
| • CT 148 +6.5% | \$257.0 -1.2% | 16.3k -9.0% | |
| • Fld 152 +3.4% | \$497k +3.3% | 4,395 -5.9% | |
| CT Months sunn | ly 1-fam 8 3% -17 8% | Condo 9 9 +7 6% | |

- CT Outlook 12-24 months 0-12k jobs per year
 - U.S. sluggish, \$1.5B tax ↑, local job cuts, cuts at state
 - Priv job threat, defense & finance ↓, no CT growth engine

Connecticut Forecast 2012-13: Headwinds

- State job openings: 5,100/45,500 Unfilled = lost income
- State Tax: \uparrow \$1.5B 2011-12 pers + bus, \$1.1B 2012-13
- <u>Local layoffs</u>: ↓tax revenues + lower assessments
- <u>UTC acq Goodrich</u> Move Hamil-Std mgt to Charlotte
- DOD cuts: Helicopters + F-35 engines + end F-22 (-2.5k)
 - Possible sub base closing Not in 11/11 forecast
- Wall St: -10k Jobs & -30% Bonus; \$impact CT tax, consu spend
- CT banks, hedge fund, fin service, wage/bonus cuts
- The "Graying" of Connecticut ↓ Spending & workers
- **Storm Damage** costs: Less \$ discretionary spending
- Hospital mergers: New Haven, Danbury, Waterbury, etc
 - Lower Medicare + Medicaid reimbursements

Connecticut Forecast 2012-13: Tailwinds

- Electric Boat: \$495m sub grant, design, planing, tech
 Boeing 787 Work: Barnes Group, Hamil-Std, Edac Tech
- DOD P&W Engines: Jet tanker, \$75m for F-35 devel
- <u>↑CT Exports</u>: U.S. Free Trade Agree + Cheap \$
 - Est: ↑exp \$280m S. Kor, Pana, Colu; weak w/Asia +Eur↓
- Gov/Legis: \$291 Jackson Labs: Jobs 300/6000
- Gov/Legis: \$621m funding for job stimulus
 - \$180 mil: 2nd five companies, worker train + hire
 - CIGNA, ESPN, TicketNetwork, NBC Sports, UBS
 - \$125 mil: Startups, film credits, mfg assistance
 - \$50 mil: Bridge/infrastructure repair
 - \$20 mil: Clean + sell state brown-fields

CT Outlook: 2011-2013

| | <u>2010</u> | <u>2011</u> | <u>2012</u> | <u>2013</u> |
|----------------------|-------------|-------------|-------------|-------------|
| • Jobs: | -17.2k | 10.4k | 6.4k | 8.0k |
| • Unempl Rt : | 9.1% | 8.9% | 8.6% | 8.4% |
| • Real GSP: | 3.0% | 1.5% | 1.8% | 2.5% |
| • Real Income: | 0.8% | 1.6% | 2.7% | 2.7% |
| • Home pmts: | 3,932 | 3,112 | 3,783 | 5,283 |
| • Sales Existing: | 34.1k | 32.2k | 42.5k | 47.8k |
| • Med Home \$: | \$268.6 | \$265.5 | \$260.3 | \$264.7 |

CT Demographics: Census Implications

- Graying of the CT Pop -40.0 yrs v. 36.6 yrs
 - ↓Workers, ↑soc support, Health care + med sites
- The Slow Growth of the CT Pop v. U.S.

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• 00-05 0.5% 1.0% Housing: build, sell, price
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- 05-10 0.4% 1.0% = Spend: Less, \$ draw \
- 10-15 0.2% 1.1% Jobs: ↓Retail, fin, const,
- CT Generation Drain: Lim job available
 - Fewer 20-44 yrs: energetic, innovative, family forming
- The CT Net Migration Problem Negative
 - Leaving: Young skilled, retired wealthy Returning 85+

Gov. Malloy/Legis CT Jobs Plan

- Price: \$626 mil, Bonded @ 20yrs, Cost \$1 bil.
- Elements:
 - \$180 mil: 2nd five companies, worker train + hire
 - CIGNA, ESPN, TicketNetwork, NBC Sports, UBS
 - \$125 mil: Startups, film credits, mfg assistance
 - \$50 mil: Bridge/infrastructure repair
 - \$20 mil: Clean + sell state brown-fields
- Jackson Labs: \$291 mil, loans/grants = jobs
 - Bioscience + Genetic R+D, 300 direct 6k indirect

Causes + Cures - Problems + Actions

- Govt = Problem v. Govt acts solve problem
 - H-1: Regulation, taxes, big spending, ↓ bus confid
 - H-2: Gov acts lead to self-sustain expansion
 - Guards against next financial crisis, health care failure
- Lack of Liquidity
 - View: Easy money triggers bus invest/stocks QE3?
 - Now: Banks + Corp awash with unused liquidity
- Lack of Confidence
 - Entrepreneurs limited by Gov deficits + reg policy
 - Consumers fearful of jobs, homes, retirement

Causes + Cures

- <u>Lack of Demand</u> Focus on priv job creation
 - Bus won't produce w/o expected sale at profit
 - Buyers not spend w/o jobs + income + stability
- Federal Leadership
 - Need: Short-run focus on growth + job creation
 - Problem Priv sector creates jobs not gov
 - Encourage entrepreneurship + productivity
 - Need: Long-run plan to deal deficits + debt
 - Obama Jobs plan 9/8/11; Senate defeat 10/20
 - Extend payroll tax cut + unemployment benefits
 - Infrastructure partnership + tax incentives to hire
 - Pay for via \(\Dagger\) taxes on wealthy