# INTERMARKET FORECASTING

TOP DOWN INSIGHTS...BOTTOM LINE RESULTS

### TRACK RECORD 2008

If I delivered a moderately successful performance in 2008, correctly forecasting 48% of our 126 assets and outperforming 83% of our Wall Street peers on U.S. equities and 67% of them on U.S. interest rates. In a year of almost unprecedented financial crisis, as well-known financial institutions failed while equities, junk bonds and commodities plunged amid rising T-Bond prices, nevertheless three of our four model investment portfolios outperformed their benchmarks. We were right to recommend significant portfolio shares (50%) in T-Bills and T-Bonds, and only a 20% share in U.S. stocks. As in past years, our forecasts focused on providing *practical* benefits to investors; all our forecasted variables are *investable assets*. Below we summarize the key results for 2008:

- Global equities plunged 42.2% in 2008 and the S&P 500 itself lost 40.7%. There was really nowhere to hide, as even the least-worst-performing region (Asia-Pacific/Japan) lost 40.3%. Of specific markets, Japan did "best," by losing 34.8%. IFI's Global equity portfolio underperformed the benchmark (a passive, equal-weighted portfolio for all regions) by just 0.8% points (Table Three, page 4).
- Our <u>U.S.-Specific</u> portfolio (see Table Three, page 4) suffered a relatively mild, negative total return of -8.8%, and thus materially *out-performed* (by +11.3% points) the severe -20.1% loss on the usual benchmark portfolio (comprised of 65% stocks, 25% bonds and 10% T-Bills). We advised a mere 20% portfolio share in U.S. stocks but a large, 50% share in safe T-Bills, T-Notes and T-Bonds. All U.S. equity indexes plunged in 2008, and we predicted drops in 60% of them (Table Seven, page 8). Hyper-safe Treasury securities far-out-performed corporate bonds; only 7% of our <u>U.S.-Specific</u> portfolio was held in corporate bonds (and none at all in junk bonds, which plunged by 31.1%).
- Our model portfolio for <u>U.S. Equity Styles</u> returned -38.2% in 2008, but still *out-performed* the passive benchmark of equal-weighted styles by 1.5% points (Table Three, page 4). We correctly foresaw that growth stocks would beat value stocks, and thus advised the biggest portfolio share (55%) in large-cap growth stocks (which fell 39.9%) and the lowest share (just 5%) in large-cap value stocks (which fell 46.4%). Size-wise, we didn't expect large-caps to perform less-badly than small-cap stocks, as they did. On performance in <u>sector rotation</u> (Table Four, page 5) we correctly fore-casted 80% of relative sector results versus the S&P 500, and our six predicted *leaders* (including *Health Care* and *Consumer Staples*) outperformed the S&P 500 by +6.3% points, while our four predicted *laggards* (including the *Financials* and *Consumer Discretionary*) underperformed by -3.2% points.
- IFPs model portfolio for <u>U.S.-Specific Fixed Income</u> (Table Three, page 4) returned 15.2%, or 22.2% points in excess of the -7.1% return suffered on the benchmark fixed-income portfolio (the LB Aggregate Government-Corporate Bond Index), primarily because we advised material overweightings in safe T-Notes and T-Bonds (80% of the portfolio) and investment-grade corporate bonds (20% of the portfolio), while advising managers to avoid junk bonds (which plunged 31.1%), convertible bonds (which dropped 36.9%) and inflation-indexed T-Notes (which lost 1.4%).
- We correctly anticipated the appreciation of the <u>U.S. dollar</u> against most major currencies in 2008 (a 64% success rate overall), but not its steep drop (-18.8%) against the Japanese yen (see Table Five, page 6). Most <u>commodity prices</u> plunged in 2008, but only after sky-rocketing in the first half; we accurately foresaw the big price plunges in crude oil and in the base metals (Table Five, page 6).
- In 2008 we outperformed 83% of our peers (Wall Street strategists) on the S&P 500's bearish performance and 67% of them on changes in Fed policy and in U.S. T-Bond yields. Only the perennially-bearish Richard Bernstein of Merrill Lynch & Co. (now defunct) surpassed us in all four areas of measurement (see Table Nine, pages 10-11), so we're obliged to tip our hat to him in 2008.



## IFI's Market-Based Forecasting Method

IFI uses signals from forward-looking market prices to forecast the risk-adjusted returns on currencies, commodities, stocks, bonds and bills globally. We eschew the use of economic data, which are backward-looking, perpetually revised and inherently incapable of capturing the incentives faced by market-makers with their own capital (or clients' capital) at risk.

IFI's mission is to uncover quantitative, predictive relationships consistent with classical economics,¹ market-clearing price theory, market efficiency and history. The finance-investment literature upon which we most rely is Arbitrage Pricing Theory (APT).² The evidence shows that market prices reflect the combined, forward-looking wisdom of the most astute market-makers. As such, prices contain implicit forecasts. We "decode" the messages in prices by performing rigorous regression analyses on price data, scrupulously retaining only statistically significant explanatory factors. We employ no "gurus" and reject any resort to subjective "hunches," anecdotes or pop psychology.³

IFI's time horizon is *one-year*, primarily because here we find the most dependable forecasting success. In contrast, we have found that very short-term (or very long-term) forecasts are notoriously unreliable. Optimal use of IFI's forecasting system can be made by investors who deploy *tactical asset allocation* (with a year-ahead horizon), as opposed to those engaged in day trading, "market timing" or strategic asset allocation (multi-year horizons).

The empirical record demonstrates that an investor's initial asset allocation explains more than 80% of the returns he ultimately achieves. Specific secu-

rity selection and timing account for less than 20% of returns, while execution costs determine the balance. Thus in forecasting asset-class performance, IFI focuses on that element of investment decision-making which most influences ultimate, bottomline results.

Today many practical means exist to profit by IFI's forecasts and asset-allocation recommendations; for many years, in fact, it's been unnecessary (if not dangerous) for an investor to play "stock picker" (or bond picker); it's far safer (and wiser) to profit from forecasts of broad asset classes and sub-classes.<sup>4</sup> Roughly 95% of the forecasted variables in this report represent investable assets.

At IFI we don't waste time forecasting GDP, CPI, non-farm payrolls and sundry other "measures" provided by Washington, since no one can actually invest in such statistics and since they offer nothing but rear-view mirror hindsight about the market-based activity investors really care about.

For easy reference we provide a numbered list of the 48 research reports that we issued throughout 2007 (pages 12-13). The primary report upon which "Track Record 2007" is based is our "Outlook 2007," published a year ago. As market conditions (and thus the price signals we rely upon) changed during the year we altered our year-ahead forecasts; but to be strictly objective, "for the record" in 2007 we focus primarily on our year-ahead outlook from a year ago. We also include *all* of the variables we forecasted – the good, the bad and the ugly.<sup>5</sup>

<sup>&</sup>lt;sup>1</sup> See "Saysian Economics," The Capitalist Advisor, InterMarket Forecasting, Inc., December 31, 2003 (Part I) and January 5, 2004 (Part II).

<sup>&</sup>lt;sup>2</sup> See "Arbitrage Pricing Theory," http://en.wikipedia.org/wiki/Arbitrage\_pricing\_theory. For technical articles on APT, see http://www.kellogg.northwestern.edu/faculty/korajczy/htm/aptlist.htm. For APT articles focused on investment applications and forecasting using the yield curve (or "the term structure of interest rates), see the work of Campbell Harvey, finance professor at Duke University (http://www.duke.edu/~charvey/research.htm).

<sup>&</sup>lt;sup>3</sup> For more on our basic forecasting framework, see "Introducing the Policy Mix Index," *The Capitalist Advisor*, InterMarket Forecasting, Inc., April 23, 2002 and "The Basics of Inter-Market Forecasting," *The Capitalist Advisor*, InterMarket Forecasting, Inc., September 7, 2004. Also see the "Methodology" tab on our web site (www.intermarketforecasting.com).

<sup>&</sup>lt;sup>4</sup> See "Exchange-Traded Funds: Asset Allocation Made Easy," *Investment Focus*, InterMarket Forecasting, Inc., April 11, 2003. Today there are roughly 600 exchange-traded funds tracking all sorts of asset classes...

<sup>&</sup>lt;sup>5</sup> It is common for forecasters to "cherry-pick" their track records and to emphasize only successes; IFI prides itself on presenting the *full* record, not a *partial* one. Of course, there's nothing magical about measuring forecasting success solely in the year after December; it is merely a convention in the field. The reports that we issued *during* the year can be consulted for our subsequent forecasting success.

Table One										
	Forecasted Variables in 2008 & IFI's Success Rates									
				Correctly For	ecasted					
<u>Table</u>	Page	<u>Category</u>	# of Variables	Number	Percent					
Four	5	Returns on IFI Model Portfolios	4	3	75%					
Five	6	U.S. Dollar & Commodities	43	19	44%					
Six	7	U.S. Money Market & Fixed Income	15	9	60%					
Seven	8	U.S. Equities & Sector Rotation	33	18	55%					
Eight	9	International Markets	<u>31</u>	<u>11</u>	<u>35%</u>					
		Total	126	60	48%					
_		IFI vs 9 Other Strategists		Out-Performe	d by IFI					
<u>Table</u>	Page	<u>Category</u>	# of Competitors	<u>Number</u>	Percent					
Nine	10	S&P 500 Price Index	12	10	83%					
Nine	10	S&P 500 Earnings per Share	12	4	33%					
Nine	11	10-Year U.S. Treasury Bond Yield	12	5	42%					
Nine	11	Overnight Fed Funds Rate	12	<u>11</u>	<u>92%</u>					
		Average		7.5	63%					

Table Two  IFI's Asset Allocation Recommendations in 2008													
Allocations Assume a One-year Time Horizon													
	_ Dec   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   De									Dec			
Global Investor	<u>2007</u>	<u>2008</u>	2008	2008	<u>2008</u>	<u>2008</u>	<u>2008</u>	<u>2008</u>	<u>2008</u>	<u>2008</u>	2008	2008	<u>2008</u>
U.S.	42%	40%	38%	40%	42%	44%	45%	48%	51%	56%	58%	61%	62%
Europe/U.K.	41%	41%	40%	39%	38%	36%	35%	31%	26%	23%	22%	20%	19%
Asia-Pacific/Japan	6%	7%	11%	12%	11%	13%	13%	16%	18%	17%	18%	18%	18%
Latin America/Canada	<u>11%</u>	12%	<u>11%</u>	<u>9%</u>	<u>9%</u>	<u>7%</u>	<u>7%</u>	<u>5%</u>	<u>5%</u>	<u>3%</u>	<u>2%</u>	<u>1%</u>	<u>1%</u>
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<u>U.SSpecific Investor</u>													
Equities	20%	20%	25%	25%	40%	55%	65%	70%	75%	75%	80%	85%	85%
Bonds (U.S. & Corporate)	40%	35%	20%	15%	5%	5%	5%	5%	5%	15%	10%	5%	5%
Bills (T-Bills & Aaa C/P)	15%	15%	20%	20%	15%	10%	10%	5%	5%	5%	5%	5%	5%
Commodities/Gold	<u>25%</u>	<u>30%</u>	<u>35%</u>	<u>40%</u>	<u>40%</u>	<u>30%</u>	<u>20%</u>	<u>20%</u>	<u>15%</u>	<u>5%</u>	<u>5%</u>	<u>5%</u>	<u>5%</u>
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
U.SSpecific Fixed Income Investor													
U.S. Treasury Bonds	30%	25%	15%	15%	5%	0%	0%	0%	0%	0%	0%	0%	0%
Inflation-Indexed Bonds	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Medium-Term Treasury Notes	50%	55%	50%	50%	45%	30%	25%	20%	15%	5%	5%	0%	0%
Investment-Grade Corp. Bonds	20%	20%	30%	30%	35%	35%	30%	30%	30%	35%	30%	35%	30%
Non-InvestGrade Corp. Bonds	0%	0%	5%	5%	15%	35%	45%	50%	55%	60%	65%	65%	70%
Convertible Corp. Bonds	0%	0%	<u>0%</u>	0%	0%	0%	0%	<u>0%</u>	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
U.SSpecific Equity Investor													
Large-Cap Growth	55%	55%	50%	45%	40%	35%	30%	25%	20%	15%	10%	10%	5%
Large-Cap Value	5%	5%	10%	15%	20%	25%	30%	35%	40%	40%	40%	40%	45%
Small-Cap Growth		35%	30%	25%	20%	15%	10%	5%	5%	5%	5%	5%	5%
Small-Cap Value	<u>5%</u>	<u>5%</u>	<u>10%</u>	<u>15%</u>	<u>20%</u>	<u>25%</u>	<u>30%</u>	<u>35%</u>	<u>35%</u>	<u>40%</u>	<u>45%</u>	<u>45%</u>	<u>45%</u>
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

#### Table Three

#### Returns on Major Asset Classes & IFI's Model Portfolios

Based on IFI's Advised Portfolio Weightings at the Beginning of 2008\*

	Advised	Total Returns per Asse	t Class
Global Equity Investor	Weighting	<u>Absolute</u>	Weighted Avg.
Europe/U.K.	41%	-43.61%	-17.88%
U.S. (S&P 500)	40%	-40.67%	-16.27%
Asia-Pacific/Japan	7%	-40.30%	-2.82%
Latin America/Canada	12%	-49.66%	-5.96%
	S	um of Weighted-Average Returns:	-42.93%
		Benchmark Return:	-42.16%

Benchmark Return: -42.16%
Excess/Deficient Return: -0.77% pts

	Advised	Total Returns per Asse	t Class
U.SSpecific Investor	Weighting	<u>Absolute</u>	Weighted Avg.
Bonds (Treas. & Corp.) (1)	35%	15.20%	5.32%
Commodities/Gold (2)	30%	-22.55%	-6.77%
Equities (3)	20%	-38.23%	-7.65%
3-Month Treasury Bills	15%	1.78%	0.27%
	!	Sum of Weighted-Average Returns:	-8.82%
		Benchmark Return:	-20.10%
		Excess/Deficient Return:	11.28% pts

- 1. See weighted-average calculation from "U.S.-Specific Bond Investor"
- 2. Half from the Goldman Sachs Commodity Index and half from gold
- 3. See weighted-average calculation from "U.S.-Specific Equity Investor"

	Advised	Total Returns per Asser	t Class
U.SSpecific Bond Investor	Weighting	<u>Absolute</u>	Weighted Avg.
Medium-Term T-Notes	55%	12.55%	6.90%
Long-Term Treasury Bonds	25%	24.62%	6.16%
InvGrade Corp. Bonds	20%	10.72%	2.14%
Non-InvGrade Corp. Bonds	0%	-31.10%	0.00%
Inflation-Indexed T-Bonds	0%	-1.35%	0.00%
		Sum of Weighted-Average Returns:	15.20%
		Benchmark Return:	-7.06%
		Excess/Deficient Return:	22.26% pts

	Advised	Total Returns per Asset	: Class
U.SSpecific Equity Investor	Weighting	<u>Absolute</u>	Weighted Avg.
Large-Cap Growth (in S&P 500)	55%	-39.89%	-21.94%
Small-Cap Growth (in S&P 600)	35%	-35.52%	-12.43%
Small-Cap Value (in S&P 600)	5%	-30.74%	-1.54%
Large-Cap Value (in S&P 500)	5%	-46.44%	-2.32%
		Sum of Weighted-Average Returns:	-38.23%
		Benchmark Return:	-39.74%
		Excess/Deficient Return:	1.50% pts

"Outlook 2008," January 15, 2008.

#### Table Four

## The Absolute & Relative Price Performance of S&P 500 Sectors in 2008

Organized by IFI's Advised Weightings at the Beginning of 2008\* Changes in averages: Dec. 2007 to Dec. 2008

	Advised		Absolute Price C	<u>Change</u>	Versus S&P	<u>500:</u>	
Sectors Over-Weighted	Weighting	Over/Under	<u>Simple</u>	Weighted	<u>Simple</u>	Weighted	
Health Care	18%	7%pts	-29.3 %	-5.3%	11.4%pts	2.1%pts	
Energy	18	5	-35.9	-6.5	4.8	0.9	
Consumer Staples	14	4	-20.3	-2.8	20.4	2.9	
Telecomm. Services	7	3	-34.6	-2.4	6.1	0.4	
Utilities	6	2	-34.2	-2.1	6.5	0.4	
Materials	4	1	<u>-47.8</u>	<u>-1.9</u>	<u>-7.1</u>	-0.3	
			-33.7%	-21.0%	7.0%pts	6.3%pts	
			(average)	(sum)	(average)	(sum)	
S&P 500			-40.7%				
Sectors Under-Weighted							
Financials	14%	-4%pts	-59.3%	-8.3%	-18.6%pts	-2.6% pts	
Industrials	7	-5	-43.6	-3.1	-2.9	-0.2	
Information Technology	11	-6	-44.8	-4.9	-4.1	-0.5	
Consumer Discretionary	1	-7	<u>-38.0</u>	<u>-0.4</u>	<u>2.7</u>	0.0	
			-46.4%	-16.7%	-5.7%pts	-3.2%pts	
			(average)	(sum)	(average)	(sum)	
Spread: Overweighted vs Underweighted Sectors: All Sectors: 12.7% -4.3% 12.7% 9.5%							
				-37.6%		3.1%	

<sup>\* &</sup>quot;Outlook 2008," January 15, 2008.

## Table Five

## THE U.S. DOLLAR & COMMODITIES

IFI Forecasts versus Actual Results, Dec. 2007 to Dec. 2008

	<u>% Change</u>	s in 2008	Directionally	
U.S. Dollar in Foreign Exchange	<b>Forecasted</b>	<b>Actual</b>	Correct?	
in Euro	2.7%	7.8%	yes	
in JapaneseYen	2.2%	-18.8%	no	
in Swiss Franc	1.7%	0.2%	yes	
in British Pound	0.8%	35.7%	•	
in Canadian Dollar			yes	
	-3.2%	23.1%	no	
in Australian Dollar	-1.9%	29.8%	no	
in Mexican Peso	3.3%	23.7%	yes	
in Brazilian Real	5.0%	34.2%	yes	
	<u>% Change</u>	s in 2008	Directionally	
<b>Broad Commodity Indexes</b>	<b>Forecasted</b>	<b>Actual</b>	Correct?	
CRB Index: Spot Prices (All Commodities)	2.0%	-28.1%	no	
CRB Index: Futures Prices (All Commodities)	1.8%	-26.0%	no	
CRB Index: Precious Metals	8.4%	-7.0%	no	
CRB Index: Base Metals	-6.1%	-46.3%	yes	
CRB Index: Energy Products	4.7%	-39.5%	no	
CRB Index: Agricultural Goods	3.1%	-24.9%	No	
	3.6%			
Goldman Sachs Commodity Index (Spot)		-47.1%	no	
	% Change		Directionally	
Specific Commodities	<u>Forecasted</u>	<u>Actual</u>	Correct?	
Aluminum	-8.3%	-37.2%	yes	
Coal	8.1%	22.2%	yes	
Cocoa	-1.1%	19.9%	no	
Coffee	-1.7%	-16.3%	yes	
Copper	-7.1% 2.8%	-53.0%	yes	
Corn	2.8% 5.8%	-13.4% -29.6%	no	
Crude Oil	-1.3%	-29.070 -51.5%	no yes	
Electricity	11.7%	-14.6%	no	
Gasoline	5.4%	-56.3%	no	
Gold	11.6%	1.9%	yes	
Heating Oil	2.0%	-43.1%	no	
Lead	-17.5%	-62.9%	yes	
Lean Hogs	-2.5%	5.0%	no	
Live Cattle	3.2%	-10.3%	no	
Natural Gas	5.5%	-19.2%	no	
Nickel	-6.8%	-61.3%	yes	
Oats	8.2%	-27.1%	no	
Orange Juice	-2.7%	-48.0%	yes	
Palladium	8.8%	-49.2%	no	
Platinum	7.6%	-41.5%	no	
Silver	5.7%	-26.6%	no	
Soybeans	11.1%	-23.5%	no	
Steel	-1.2% 0.5%	73.0%	no	
Sugar	9.5%	51.4%	yes	
Tin	-1.7%	-32.1%	yes	
Wheat	1.5%	-39.0%	no	
Zinc	-0.3%	-52.4%	yes	

#### Table Six

#### U.S. MONEY MARKET & FIXED INCOME

IFI Forecasts versus Actual Results, Dec. 2007 to Dec. 2008

	-	Yield Levels (averages in %)			Forecasted	Actual	
	<u>Actual</u>	<b>Forecast</b>	<b>Forecast</b>	<u>Actual</u>	Change in	Change in	Directionally
U.S. Treasury Yield Curve	Dec 07	<u>Jun 08</u>	<u>Dec 08</u>	<u>Dec 08</u>	2008 (bps)	2008 (bps)	Correct?
Fed Funds Rate	4.24	3.50	3.00	0.16	-124	-408	yes
3 mo. T-Bill Rate	3.07	2.91	2.71	0.03	-36	-304	yes
2 yr. T-Note Yield	3.12	3.17	3.27	0.82	15	-230	no
5 yr. T-Note Yield	3.49	3.31	3.68	1.52	19	-197	no
10 yr. T-Bond Yield	4.10	3.76	4.46	2.42	36	-168	no
30 yr. T-Bond Yield	4.52	4.23	4.80	2.87	28	-165	no
	Forecast	ed vs. Actua	l Total Returi	n on T-Bonds:	0.75%	24.62%	yes

Forecasted vs. Actual Relative Total Return, T-Bonds vs. T-Bills: -2.15% 22.84% no

	Yield Levels (averages in %)		Forecasted	Actual			
	<u>Actual</u>	<b>Forecast</b>	<b>Forecast</b>	<u>Actual</u>	Change in	Change in	Directionally
U.S. Corporate Bond Yields (%)	<u>Dec 07</u>	<u>Jun 08</u>	<u>Dec 08</u>	<u>Dec 08</u>	2008 (bps)	2008 (bps)	Correct?
Non-Investment Grade	9.40	10.55	10.80	21.82	140	1242	yes
Investment-Grade (Baa-rated)	6.65	7.18	7.64	8.46	99	181	yes
Investment-Grade (Aaa-rated)	5.49	5.70	6.30	5.08	81	-41	no
U.S. Corp. Yield Spreads to 10-yr	T-Bond (	<u>bps)</u>					
Non-Investment Grade	530	679	634	1940	104	1410	yes
Investment-Grade (Baa-rated)	255	342	318	604	63	349	yes
Investment-Grade (Aaa-rated)	139	194	184	266	45	127	yes

#### Table Seven

## **U.S. EQUITIES & SECTOR ROTATION**

IFI Forecasts versus Actual Results, Dec. 2007 to Dec. 2008

	% Changes	in 2008	Directionally
U.S. Equities and Style Bets	<u>Forecasted</u>	<u>Actual</u>	Correct?
DJIA 30	-1.2%	-35.9%	yes
NASDAQ Composite	-3.9%	-42.7%	yes
Large-Cap (S&P 500)	4.2%	-40.7%	no
Large-Cap Value (S&P 500/BARRA)	-3.1%	-42.8%	yes
Large-Cap Growth (S&P 500/BARRA)	6.3%	-37.6%	no
Large-Cap Value vs Large-Cap Growth (% pts)	-9.3%	-5.2%	yes
Super-Cap (S&P 100)	3.5%	-38.8%	no
Small-Cap (S&P 600)	-4.1%	-37.0%	yes
Small-Cap Value (S&P 600/BARRA)	-9.6%	-35.7%	yes
Small-Cap Growth (S&P 600/BARRA)	3.7%	-37.6%	no
Small-Cap Value vs Small-Cap Growth (% pts)	-13.4%	1.9%	no
Small-Cap (Russell 2000)	-5.1%	-39.3%	yes
Large-Cap vs. Small Cap (% pts)	9.3%	-1.4%	no
			Directionally
S&P 500 Sectors: Absolute Change (%)	<b>Forecasted</b>	<u>Actual</u>	Correct?
Consumer Discretionary	-8.8%	-38.0%	yes
Consumer Staples	10.6%	-20.3%	no
Energy	12.5%	-35.9%	no
Financials	2.8%	-59.3%	no
Health Care	15.9%	-29.3%	no
Industrials	-1.3%	-43.6%	yes
Information Technology	-4.8%	-44.8%	yes
Materials	6.4%	-47.8%	no
Telecommunications Services	8.1%	-34.6%	no
Utilities	7.6%	-34.2%	no
			Directionally
S&P 500 Sectors: Change versus S&P 500 (% pts)	<b>Forecasted</b>	<u>Actual</u>	Correct?
Consumer Discretionary	-13.0%	2.6%	no
Consumer Staples	6.4%	20.3%	yes
Energy	8.3%	4.7%	yes
Financials	-1.5%	-18.7%	yes
Health Care	11.6%	11.4%	yes
Industrials	-5.6%	-3.0%	yes
Information Technology	-9.0%	-4.1%	yes
Materials	2.1%	-7.1%	no
Telecommunications Services	3.9%	6.0%	yes
Utilities	3.4%	6.5%	yes

## Table Eight

## **IINTERNATIONAL MARKETS**

IFI Forecasts versus Actual Results, Dec. 2007 to Dec. 2008

	% Changes in 2008		Directionally		
Foreign Currencies vs the U.S.\$	Forecasted	<u>Actual</u>	Correct?		
Euro	-2.6%	-7.2%	Table Five		
JapaneseYen	-2.1%	23.2%	Table Five		
Swiss Franc	-1.7%	0.0%	Table Five		
British Pound	-0.8%	-26.3%	Table Five		
Canadian Dollar	3.3%	-18.8%	Table Five		
Australian Dollar	2.0%	-22.9%	Table Five		
Mexican Peso	-3.2%	-19.2%	Table Five		
Brazilian Real	-4.8%	-25.5%	Table Five		
Foreign Government Bond Yields		<u>s in bps</u>			
Germany	39	-116	no		
Japan	29	-31	no		
Switzerland	27	-96	no		
Britain	39	-107	no		
Canada	35	-109	no		
Australia	52	-199	no		
Mexico	109	15	yes		
Brazil	86	20	yes		
Foreign Equities: Broad [ETF Symbols]		ges in %			
EAFE [EFA]	4.0%	-46.8%	no		
Asia-Pacific ex-Japan [ADRA]	-6.1%	-47.8%	yes		
Europe ex-Britain [IEV]	12.4%	-47.8%	no		
Americas ex-Canada [ILF]	5.8%	-51.2%	no		
Foreign Equities: Asia-Pacific [ETF Symbols]		ges in %			
Australia [EWA]	-8.4%	-56.8%	yes		
Hong Kong [EWH]	-4.2%	-53.5%	yes		
Japan [ITF]	-11.4%	-34.8%	yes		
Malaysia [EWM]	-2.6%	-44.1%	yes		
Singapore [EWS]	-3.2%	-51.0%	yes		
South Korea [EWY]	-7.4% -10.9%	-59.8% -50.8%	yes		
Taiwan [EWT] Foreign Equities: Europe [ETF Symbols]		-50.8% ges in %	yes		
Austria [EWO]	14.4%	-66.1%	70		
Britain [EWU]	6.1%	-49.2%	no		
France [EWQ]	15.1%	-49.270 -48.3%	no		
Germany [EWG]	19.1%	-40.3% -50.1%	no		
Italy [EWI]	19.1%	-30.1% -47.4%	no		
Netherlands [EWN]	11.4%	-47.4%	no		
Spain [EWP]	6.1%	-33.0% -45.5%	no		
Sweden [EWD]	-0.3%		no		
Switzerland [EWL]	-0.3% 18.3%	-52.9% -35.7%	yes		
Foreign Equities: Americas [ETF Symbols]			no		
Canada [EWC]		ges in % -48.5%	20		
Brazil [EWZ]	6.7%	-48.5% -59.4%	no		
			no		
Mexico [EWW]	4.9%	-44.9%	no		

#### Table Nine

# IFI's Forecasts for 2008 Compared to Wall Street Strategists Source: "Outlook 2008," Barron's, December 17, 2007, p.32

S&P 500 Price Index			
Actual	Forecasted	Forecasted	Actual
Dec. 2007	Dec. 2008	% Change	% Change
	1,750	18.3%	
	1,700	14.9%	
	1,700	14.9%	
	1,675	13.3%	
	1,675	13.3%	
	1,650	11.6%	
	1,640	10.9%	
	1,630	10.2%	
	1,625	9.9%	
	1,590	7.5%	
	1,542	4.3%	
	1,525	3.1%	
	1,525	3.1%	
	Actual	Actual         Forecasted           Dec. 2007         Dec. 2008           1,750         1,700           1,700         1,675           1,675         1,650           1,640         1,630           1,625         1,590           1,542         1,525	Actual         Forecasted         Forecasted           Dec. 2007         Dec. 2008         % Change           1,750         18.3%           1,700         14.9%           1,675         13.3%           1,675         13.3%           1,650         11.6%           1,640         10.9%           1,625         9.9%           1,590         7.5%           1,542         4.3%           1,525         3.1%

S&P 500 Price Index (actual) 1,479 878 -40.7%

	S&P 500 Earnings per share			
	Actual	Forecasted	Forecasted	Actual
Forecaster/Firm	Dec. 2007	Dec. 2008	% Change	% Change
Jonathan Golub/Bear Stearns		86.7	12%	
David Bianco/UBS Securities		84.8	10%	
Larry Adam/Deutsche Bank		84.0	9%	
Thomas Lee/J.P. Morgan		83.7	9%	
Richard Salsman/InterMarket Forecasting		83.3	8%	
Francois Trahan/ISI Group		82.5	7%	
Abby Joseph Cohen/Goldman Sachs		81.4	6%	
Thomas McManus/BofA Securities		81.3	5%	
Jonathan Morton/Credit Suisse		81.3	5%	
Tobias Levkovich/Citigroup		81.1	5%	
Abhijit Chakrabortii/Morgan Stanley		79.4	3%	
Ian Scott/Lehman Brothers		73.2	-5%	
Richard Bernstein/Merrill Lynch		71.5	-7%	
S&P 500 EPS (actual - Full Year)	66.2	25.4		-61.6%

#### Table Nine, Part II

## IFI's Forecasts for 2008 Compared to Wall Street Strategists

Source: "Outlook 2008," Barron's, December 17, 2007, p.32

	10-Year U.S. Treasury Bond Yield			
	Actual	Forecasted	Forecasted	Actual
Forecaster/Firm	Dec. 2007	Dec. 2008	Change (bps)	Change (bps)
Thomas McManus/BofA Securities		5.00%	90	
Thomas Lee/J.P. Morgan		5.00%	90	
Jonathan Golub/Bear Stearns		5.00%	90	
Larry Adam/Deutsche Bank		4.75%	65	
Abhijit Chakrabortii/Morgan Stanley		4.50%	40	
Richard Salsman/InterMarket Forecasting		4.46%	36	
Tobias Levkovich/Citigroup		4.40%	30	
Jonathan Morton/Credit Suisse		4.25%	15	
Ian Scott/Lehman Brothers		4.20%	10	
Francois Trahan/ISI Group		4.00%	-10	
David Bianco/UBS Securities		4.00%	-10	
Abby Joseph Cohen/Goldman Sachs		4.00%	-10	
Richard Bernstein/Merrill Lynch		3.70%	-40	
10-Year U.S. Treasury Bond Yield (actual)	4.10%	2.42%		-168

Overnight Federal Funds Rate Actual Forecasted Forecasted Actual Forecaster/Firm Dec. 2007 Dec. 2008 Change (bps) Change (bps) Jonathan Golub/Bear Stearns 4.75% 50 Thomas Lee/J.P. Morgan 4.50% 25 Abhijit Chakrabortii/Morgan Stanley -50 3.75% David Bianco/UBS Securities 3.50% -75 -75 Tobias Levkovich/Citigroup 3.50% Jonathan Morton/Credit Suisse 3.50% -75 Francois Trahan/ISI Group -75 3.50%-100 Ian Scott/Lehman Brothers 3.25%Larry Adam/Deutsche Bank 3.00% -125 Abby Joseph Cohen/Goldman Sachs 3.00% -125 Thomas McManus/BofA Securities -125 3.00%Richard Salsman/InterMarket Forecasting 3.00% -125

4.24%

2.50%

0.16%

-175

-408

Richard Bernstein/Merrill Lynch

Overnight Federal Funds Rate (actual)

# Appendix IFI Research Reports in 2008

- 1. "The Manufacturing and Profit Recessions," Investor Alert, January 7, 2008.
- 2. "Outlook 2008," January 15, 2008.
- 3. "Equity Bulls in Panic Mode," Investor Alert, January 28, 2008.
- 4. "The Stimulus Myth," The Capitalist Advisor, January 31, 2008.
- 5. "Track Record 2007," February 8, 2008.
- 6. "The Bond Insurance Bust," Investor Alert, February 15, 2008.
- 7. "The Policy Mix Index: Washington Now Consumes \$3 Trillion a Year," The Capitalist Advisor, February 22, 2008.
- 8. The InterMarket Forecaster, February 29, 2008.
- 9. "Asset Returns Amid Stagflation," Investment Focus, March 10, 2008.
- 10. "The Fed's Liquidity Schemes Boost Commodities, Not Equities," Investor Alert, March 12, 2008.
- 11. The InterMarket Forecaster, March 24, 2008.
- 12. "Technology Stocks are Not Immune," Investment Focus, March 28, 2008.
- 13. "Profitable Mortgages Revisited," Investor Alert, April 10, 2008.
- 14. "In Search of a Bear Bottom," Investor Alert, April 18, 2008.
- 15. The InterMarket Forecaster, April 28, 2008.
- 16. "Does the Fed's New Policy Stance Suggest a Bottom?" Investor Alert, April 30, 2008.
- 17. "Prospects for Equity Style Bets," Investment Focus, May 7, 2008.
- 18. "The Real Story on Crude Oil," Investment Focus, May 16, 2008.
- 19. The InterMarket Forecaster, May 23, 2008.
- 20. "Consumer Confidence Plunges and That's Bullish," Investor Alert, May 30, 2008.
- 21. "A Few More Policy Assaults," The Capitalist Advisor, June 9, 2008.
- 22. "History as a Guide to Rebounds in the Broker-Dealer Stocks," Investor Alert, June 13, 2008.
- 23. The InterMarket Forecaster, June 23, 2008.
- 24. "From Flat World to Free World," The Capitalist Advisor, June 27, 2008.

Continued on page 13 . . . .

# Appendix (continued) IFI Research Reports in 2008

- 25. "Roots of the Latest Banking Crisis," The Capitalist Advisor, July 11, 2008.
- 26. "Mid-Year Review: So Far, So Good," Investor Alert, July 16, 2008.
- 27. "The Real Story on Crude Oil: Not Mere Speculation," Investment Focus, July 23, 2008.
- 28. The InterMarket Forecaster, July 31, 2008.
- 29. "The Coming Shift in Consumer Stocks," Investment Focus, August 7, 2008.
- 30. The InterMarket Forecaster, August 15, 2008.
- 31. "About Those Crazy Aunts and Uncles (the GSEs) Still Living in the Basement," Investor Alert, August 22, 2008.
- 32. "The Recession That Was and That Which Will Be," Investor Alert, August 29, 2008.
- 33. "The Silly Panic Over U.S. Job Losses," Investor Alert, September 5, 2008.
- 34. "McBama versus America," The Capitalist Advisor, September 11, 2008.
- 35. "Bankruptcies are Bullish, Bailouts are Bearish," Investor Alert, September 22, 2008.
- 36. The InterMarket Forecaster, September 30, 2008.
- 37. "Socialist Finance in America Part I," The Capitalist Advisor, October 15, 2008.
- 38. "The Mythical Credit Crunch," Investor Alert, October 20, 2008.
- 39. "This is the Scapegoat Phase," Investor Alert, October 27, 2008.
- 40. The InterMarket Forecaster, October 31, 2008.
- 41. "U.S. Equity Performance When the Democrats Control Washington," The Capitalist Advisor, November 7, 2008
- 42. The InterMarket Forecaster, November 17, 2008.
- 44. "Socialist Finance in America Part II," The Capitalist Advisor, November 21, 2008.
- 44. "Socialist Finance in America Part III," The Capitalist Advisor, November 30, 2008.
- 45. "U.S. Economic-Financial Performance Surrounding Recessions," Investment Focus, December 11, 2008.
- 46. "The U.S. Yield Curve as a Predictor of the Business Cycle," *Investment Focus*, December 15, 2008.
- 47. The InterMarket Forecaster, December 19, 2008.
- 48. "Socialist Finance in America Part IV," The Capitalist Advisor, December 24, 2008.

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# INTERMARKET FORECASTING

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# COMPANY BACKGROUND SERVICES LEADERSHIP

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Richard M. Salsman, Ph.D., CFA®

Richard Salsman is founder, president and chief market strategist. Prior to IFI he was senior economist at H.C. Wainwright Economics, Inc. (1993-1999) and from 1981 to 1992 a banker and capital markets specialist at the Bank of New York and Citibank. Mr. Salsman has authored numerous articles and is an expert in market history, economics, forecasting, and investment strategy. His work has appeared in the Wall Street Journal, Investor's Business Daily, Barron's, Forbes, National Post (Canada) and the Economist. In addition, he has authored three books—Gold and Liberty (1995), Breaking the Banks: Central Banking Problems and Free Banking Solutions (1990), The Political Economy of Public Debt: Three Centuries of Theory and Evidence (2017) —plus many chapters in edited books. Salsman speaks regularly at conferences, investment gatherings and universities. He earned his B.A. in Law and Economics from Bowdoin College (1981), his M.B.A. in Economics from the Stern School of Business at NYU (1988), and his Ph.D. from Duke University in Political Economy (2012). In 1993 he earned the

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