Understanding China’s Economic Indicators
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Understanding China’s Economic Indicators

Translating the Data into Investment Opportunities

Tom Orlik
To my wife, Helena, and my parents, Christopher and Judith
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### Contents

<table>
<thead>
<tr>
<th>Chapter 4</th>
<th>Household Sector</th>
<th>89</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Retail Sales</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td>Urban and Rural Household Surveys</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>National Bureau of Statistics Consumer Confidence Index</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>INTAGE China Consumer Sentiment Survey</td>
<td>105</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 5</th>
<th>External Sector</th>
<th>109</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Trade</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td>U.S. Import Price Index</td>
<td>121</td>
</tr>
<tr>
<td></td>
<td>Foreign Direct Investment</td>
<td>125</td>
</tr>
<tr>
<td></td>
<td>Balance of Payments</td>
<td>130</td>
</tr>
<tr>
<td></td>
<td>Foreign Exchange and Gold Reserves</td>
<td>136</td>
</tr>
<tr>
<td></td>
<td>Treasury International Capital System</td>
<td>142</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 6</th>
<th>Labor Markets</th>
<th>149</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Urban Wages</td>
<td>149</td>
</tr>
<tr>
<td></td>
<td>Unemployment</td>
<td>158</td>
</tr>
<tr>
<td></td>
<td>Public Employment Services Labor Market</td>
<td>162</td>
</tr>
<tr>
<td></td>
<td>Supply-and-Demand Situation</td>
<td>162</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 7</th>
<th>Prices</th>
<th>169</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consumer Price Index</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>Indices of Urban Residents’ Confidence on Income and Price Level</td>
<td>177</td>
</tr>
<tr>
<td></td>
<td>Producer Price Index</td>
<td>181</td>
</tr>
<tr>
<td></td>
<td>Bond Market Yield Curve</td>
<td>185</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 8</th>
<th>Financial Indicators</th>
<th>193</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sources and Uses of Funds of Financial Institutions</td>
<td>193</td>
</tr>
<tr>
<td></td>
<td>Money Supply</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Nonperforming Loans</td>
<td>204</td>
</tr>
<tr>
<td></td>
<td>China Foreign Exchange Trading System Central Parities</td>
<td>209</td>
</tr>
<tr>
<td></td>
<td>Hong Kong Banking System Yuan Deposits</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>People’s Bank of China Reports</td>
<td>218</td>
</tr>
</tbody>
</table>

| Index  | 225 |
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ABOUT THE AUTHOR

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Chapter 1

Introduction

The Crush

It's a freezing January morning, and a group of 80 or so journalists file past a bored adolescent security guard into the marble lobby of a government building in the center of Beijing. Passing through the lobby, they head up a flight of stairs and show their IDs to another security guard before passing through an airport-style metal detector. They file into a conference room with rows of chairs facing a raised platform, at its center a microphone peers out through an impressive array of flowers. They huddle in small groups, sipping coffee and talking shop. One member of the Chinese press cleans out his ear with the nail of his pinky finger, cultivated especially long for the purpose. At 9:45 a.m., the door to a side room swings open and a nervous official appears holding a stack of papers. The official is nervous for a reason. Suddenly energized, the journalists surge forward, elbowing each other aside to be the first to see the contents of the papers. The unfortunate bureaucrat is knocked this way and that. The melee continues until her hands are empty. Why all the fuss? Is the Chinese government renouncing its ties with the despotic regime in North Korea? Granting independence to Tibet? Providing the secrets to roasting the perfect Peking duck? No. The 80 men and women are financial journalists. The hapless factotum they have just mobbed is an employee of China’s State Council Information Office. The papers they now triumphantly hold in their hands contain the figures for China’s gross domestic product (GDP) in the final quarter of 2009.

It is now 9:50 a.m. The journalists have opened their mobile phones and are calling in the numbers to their colleagues in news rooms around the capital. GDP has grown by 10.7% year on year in the final three months of 2009, up from 9.1% in the third quarter. China has emerged first and strongest from the worst economic crisis since World War II. But alongside the news of surging growth comes something more troubling. Inflationary pressure has returned, and sooner than expected, to the Chinese economy. Consumer prices rose 1.9% in the year to December, up from 0.6% in November. Food prices increased even more, up 5.3% compared to a year ago. The journalists have a few short minutes to make sense of it all. What is the news? Will surging growth send the Shanghai Composite Index, the price of a barrel of oil, and the value of the Australian dollar and the Korean won surging upward? Or does the return of inflation signal the end of the
good times? The journalists call in their numbers to colleagues at the newsrooms of Dow Jones, Market News International, and Reuters. There’s a minute of frantic checking and rechecking of the numbers. “GDP grew 10.7% in the fourth quarter and 8.7% for the year as a whole, right?” A pause. “Right.” At 10 a.m., the embargo on broadcasting the news is lifted. In trading rooms in Shanghai, Hong Kong, Tokyo, Taipei, and Singapore, screens light up with the data. In the State Council Information Office, a group of gray-suited officials has filed onto the platform, and the press conference begins. Ma Jiantang, the smiling head of the NBS, starts to read from his prepared statement. “You could say 2009 was a good harvest for the Chinese economy,” he says. But financial markets aren’t listening to his statement; they’re already trading on the data.

In China, the Shanghai Composite Index is flat. At first sight, this is something of a mystery. If growth is on track, it should be good news for equities. Investors should be rushing to buy, not standing by indifferently. But the markets are thinking not just about what the data says about the state of the economy, but also about how the government might react. With growth on track but inflation rearing its ugly head, the markets fear the stimulus party might be drawing to a close. The Shanghai Composite Index fell almost 3% the previous day, on the suggestion that banks would tighten their lending. A higher-than-expected reading for growth and inflation heightens concerns that the end of the stimulus is near. The biggest potential losers from a tighter policy stance—companies in the banking, property, and commodities sectors that benefited from a lending- and investment-driven 2009—start to fall. On the Hang Seng Index, Industrial and Commercial Bank of China, the world’s largest bank by deposits, falls 2.9%. In Australia, iron ore miners BHP Billiton and Rio Tinto fall 1.7% and 3.2%. The Aussie loses 1.1% against the greenback. In New York, it is still 9 p.m. on January 20, and the markets are closed. Investors have a night to sleep on the data. When they wake up on January 21, they will find that markets across Asia have fallen. Higher inflation, not faster growth; the end of the stimulus, not the beginning of the recovery—those were the main takeaways from China’s economic data. The day after the release of China’s GDP data, the Chinese tail wags the U.S. dog and the Dow Jones Industrial Average falls more than 2%.

Back in the State Council Information Office, Ma Jiantang has finished reading from his statement and it is time for questions and answers. The first question comes from a representative of China Central Television: “Has the Chinese economy now overtaken that of Japan to become the second largest in the world?” Mr. Ma smiles while a functionary reads the question again in English for the benefit of the foreign journalists. “As to where China’s economy ranks in the world, experts and scholars can do their own research,” he says. “But the reality is that China remains a developing country, and on a GDP per capita basis, we are not even in the top 100 countries in the world.” The average Chinese person might be pulling in just USD4,000 a year. But 1.3 billion people earning not very much still adds up to a lot. In 2010, China’s GDP totaled CNY39.8tn, equivalent to USD5.9tn. In the world GDP rankings, China overtook fourth place Germany to
move into bronze medal position in 2007, and in 2010 outstripped Japan to claim the silver. China might not yet be number one—and might not be number one within the next decade. But China moves markets. The mainland's own equity markets are moved more by the story of growth and inflation told by the economic data than they are by the profit and loss of the companies listed on them. Mainland firms make up more than 50% of the Hang Seng Index, and the Hong Kong markets move in tandem with the mainland. Regional markets in Japan, Korea, and Singapore rise and fall with news of the economic fortunes of their big neighbor, and major news can move markets in the United States and Europe. China is the world’s biggest consumer of iron ore and copper, and the second largest consumer of oil. Commodity investors pore over China’s import, industrial value-added, and fixed-asset investment data for signs of changes in its appetite. The drama of yuan appreciation is the focus of attention for the foreign exchange markets. A capital account that remains closed to speculators limits the scope for betting on the yuan, but the Korean won, Singapore dollar, and Australian dollar are traded as proxies for yuan appreciation and the China growth story. The eyes of the world’s financial markets are focused on China, and the lens through which they see it is China’s economic data.

**How Reliable Are China’s Economic Statistics?**

With so much attention on developments in the Chinese economy, the reliability of China’s economic indicators has been the subject of some controversy. In the popular imagination, the production of China’s economic data is regarded as a crude political farce: the controlling hand of the Communist Party intervening arbitrarily to direct the level of key indicators before they are published. In the past, that image was not too far from the reality.

In the Great Leap Forward, Chairman Mao’s disastrous attempt to shift a backward agrarian economy to a modern industrial economy in a few short years, the failure of the statistical system contributed to catastrophe on a grand scale. Mao’s plan to accelerate the development of the economy required producing an agricultural surplus that could be sold to fund investment in a modern industrial base. Whipped into a patriotic frenzy, and knowing that their future depended on meeting unrealistic targets for the production of grain, local officials engaged in rampant falsification of data. At the height of the insanity, in summer 1958, some provinces were boasting annual output of 10,000 pounds of grain per mu. Those numbers were already crazy. A mu is 1/15 of a hectare, and in the 1950s that area of land could be expected to produce around 1,000 pounds of grain a year. But even these bloated reports were soon surpassed by other provinces claiming output of 20,000 or even 30,000 pounds per mu. The point of the production data was not to reflect reality, but to generate the good news required to support morale among comrades and meet the unrealistic expectations of the higher-ups. But reality is distorted at a cost. The higher the production figures, the greater the tax owed to the central government. In some provinces, the exaggerated claims were so great that the entire harvest had to be handed
over as tax, used to fund investments and extravagances that China could ill afford. In
some parts of the country, the only crops left behind were grown by villagers in secret
locations, away from the acquisitive eye of the local production teams. But such success
stories were few and far between. Tens of millions died in history’s greatest man-made
famine.

That was 50 years ago. Some things have stayed the same in the last 50 years, but a
lot has changed. At its heart, the cause of over-reporting output during the Great Leap
Forward was the divided loyalties of local officials, torn between the reality of stubbornly
unchanging grain yield and the dream of career progression that depended on meeting
unrealistic targets for output. That conflict of interest was slow to be resolved. The
biggest reform-era controversy over China’s economic data, a GDP growth figure for
1998 that many experts regard as grossly inflated, has been laid at the door of the exag-
erated claims made by local officials. But NBS headquarters in Beijing is no longer
reliant on the unreliable inputs it receives from local bureaus. Across the key industrial
output, fixed asset investment, and retail sales data, the largest enterprises in the country
report directly to the NBS in Beijing. Where there is a conflict between local and national
data, the NBS typically resolves it in favor of the reliable national figures. The GDP data
is a case in point, with the national total announced by the NBS consistently below the
sum of the GDP reported by the provinces.

The second problem that bedeviled the grain data during the Great Leap Forward was
the belief that boosting morale through exaggerated claims was more important than
reporting reality. The audience for China’s economic data might have expanded beyond
the agricultural workers of the 1950s, but the numbers continue to play a role at home and
abroad in buoying confidence in the China growth story. The magic 8% figure for GDP
growth, in particular, has an almost talismanic significance. But if the government is ever
tempted to play fast and loose with the statistical reality, there are also forces pulling in
the other direction. The Information Age has reduced the scope for the use of economic
data as an instrument of propaganda. Official data is available instantly around the world
over the Internet. A horde of sophisticated and cynical journalists, spreadsheet-wielding
economists, and hard-nosed investors are following developments in the Chinese econ-
omy. The extent of the 1950s famine was revealed only by demographers poring over the
population data decades later. If an inconsistency arises today, a lot of people will know
about it very quickly. The fact that the NBS was happy to announce GDP growth of 6.1%
year on year in the first quarter of 2009, the lowest level in a decade, suggests that the
powers-that-be realize that the benefits of supplying credible official data are greater than
the costs of reporting an unwelcome reality.

Measuring a rapidly changing economy remains a challenge. One of the problems of
the Great Leap Forward was that China’s leaders were blinded by a belief in their own
hocus-pocus technology. Mao genuinely believed that revolutionary fervor plus new
planning techniques could result in massive increases in grain output. Changes in production techniques made it more difficult to measure output, or at least obscured for a time the fact that output was little changed. The dislocations of reform-era China might be less wrenching than those of the 1950s, but the mainland is still changing fast. The economy is many times larger today than it was in 1978, new sectors are driving increases in output and employment, new products are entering consumers’ shopping baskets, and new property is coming online in the housing market—keeping track of developments is an enormous challenge. In some areas, the NBS has made an effort to keep its measuring tools sharp and clean. To keep track of GDP, the NBS has expanded its survey from a primitive 16 sectors to a more respectable 94 and has significantly improved its coverage of the services. But in other areas, surveying tools and techniques have been slow to adapt to a changing reality. Consider China’s creaking system for measuring developments in labor markets. In 1978, 100% of the workforce was employed in the state sector, and a survey based on wages in state-owned enterprises worked well enough. In 2010, that number was less than 10%, and a wage data survey that continues to focus on a privileged subset of state-sector workers makes little sense. Survey tools that lag behind the reality of a changing China are a more serious problem for China’s economic data than political interference.

A recalcitrant population continues to add to the problems. The NBS is not the State Administration of Taxation or the Public Security Bureau. But a culture of deceit among Chinese people when it comes to dealing with officials of any kind makes it difficult for the NBS to collect solid baseline information. In the Great Leap Forward, peasants growing crops outside the greedy gaze of the local production team distorted the data. Fifty years later, the problem is small businesses that keep three sets of books—one for the taxman, one for investors, and one for themselves—or rich households that refuse to disclose the income they receive from graft. The problem of a sample set that is incapable of telling the truth to anyone in an official badge remains, and that adds to the difficulties the NBS faces.

Finally, the NBS and other arms of the government charged with the production of China’s economic data do themselves no favors by treating straightforward information on methodology with a degree of secrecy more suited to guarding the location of nuclear weapon silos. Transparency on the methodology underpinning key data points has improved considerably from the situation a few years ago. In 2010, for example, the results of a new effort to measure wages in the private sector were published alongside details of the survey approach and a discussion of some of its limitations. But crucial details of the methodology on key indicators are still kept hidden. The weights of different components in the consumer price index (CPI), for example, are public information in most countries and enable an easy check on the reliability of the official data. In China, the NBS does not disclose the weights, making it impossible to verify if movements in the index represent changes in prices or changes to the calculation method. Partly as a
result, confidence in the CPI data is so low that, in some months, the rumor in the market before the release of the data comes in two parts—one on the real level and one on the level the NBS will announce. The statisticians do not have an enormous fund of good will and faith in the official data to draw on. By withholding key details of how the data is calculated, the NBS and other institutions raise doubts, perhaps unnecessarily, about its reliability.

The reality of China’s economic data today is not the crude controlling hand of the Politburo dictating the GDP growth figure. It is an increasingly reliable and comprehensive set of economic indicators that remain compromised in some areas by the difficulty of measuring a rapidly changing economy, imperfect surveying methods, a recalcitrant sample set, and continued political sensitivity surrounding some numbers. The system is not perfect. Some data points are more reliable than others. But neither is it a farce. As shown by the mad scramble for the GDP data in the State Council Information Office and the billions of dollars that are traded instantly on its release, the shortcomings in the data are no impediment to the market reaction.

A MONTH IN CHINA’S ECONOMIC DATA

Most months in the Chinese economic calendar follow the same pattern of data releases, and a glance at the schedule for a typical month provides a way to highlight the more important data points.

1st: The China Federation of Logistics and Purchasing (CFLP) and HSBC Markit Purchasing Managers Indexes give the markets their first glimpse into the state of the manufacturing sector in the month just past. For some investors who do not follow China closely, this is the data point that is watched.

10th: Customs’ import, export, and trade surplus data gives a read on the state of foreign demand for China’s products and domestic demand for raw materials. Commodities markets keep a close eye on China’s imports of iron ore and crude oil. The trade surplus is a monthly flashpoint for pressure on China’s exchange rate regime.

10th–15th: People’s Bank of China (PBOC) data shows the strength of loans, deposits, and money supply growth. These are data points that can drive the markets in the short term (through a boost to liquidity) and the long term (through the strong relationship between changes in credit and money supply and growth and inflation).

11th: NBS data on industrial value added, fixed asset investment, and retail sales keep the markets up-to-date on the China growth story. The CPI and producer price index (PPI) data reveal whether inflation is set to spoil the party. The 11th-day data dump is the main event in the monthly calendar. In the mass of data, the two points that get the most attention are industrial value added (a proxy for growth of the whole economy) and CPI (the best measure of overall inflation).
NBS house price data provides a flawed but widely watched read on China’s bubbly property sector.

The exceptions to the normal monthly pattern are at the beginning of the year and in months when the quarterly GDP data is published. In the beginning of the year, the NBS delays the publication of data on industrial value added, fixed asset investment, and retail sales for the first two months until March, to smooth out the effect of the Chinese New Year. In months when the GDP data is published, the NBS delays the 11th-of-the-month data release to coincide with it. That normally means publication on around January 20 for the fourth quarter GDP data, and April 15, July 15, and October 15 for the first, second, and third quarter data.

WAITING FOR RELEASE OF THE DATA—OR NOT

The regular monthly calendar is a way to keep track of what data is released when. But in China, not everyone is waiting for the official release to see the data. Economic data and information on key policy decisions are often in the market days ahead of the official announcement. If the markets latch on to a credible rumor for an important data point, the reaction can happen ahead of the official release. Important information leaks into the markets in several ways:

- Officials in the know share information with family and friends, enabling them to make a profit before it is made public. In June 2005, weeks before the government announced the end of the yuan’s peg to the dollar and a one-off 2% appreciation, insiders were turning up at banks with briefcases full of dollars to change into yuan, planning to make a fast buck when the government removed the peg. In most months in 2010, the CPI data was in the market, correct to one decimal place, days ahead of the data release. Investors with strong links to official sources saw the data first and were able to take a profitable position based on their information advantage.
- Senior officials sometimes abandon protocol and announce the data before the official release date. Premier Wen Jiabao is a repeat offender. In March 2010, he told a group of foreign business leaders that China expected a trade deficit for the month some weeks ahead of the official data from the Customs Bureau. In March 2009, he was so excited by a rebound in industrial value added that he announced it himself before the NBS had a chance.
- Official information can be collected from unofficial sources ahead of the data release. Data on bank lending never used to be particularly important. The banks could be counted on to lend CNY200 billion or so a month, higher in the beginning of the year and lower in the end, but not normally with enough variation to move markets. In 2009, that all went out the window. A surge in bank lending was the major factor contributing to the recovery in the real economy and the rebound in the
equity markets. With investors focused on the lending figure, the financial press has started to work contacts with the banks to get an advance estimate. Industrial and Commercial Bank of China, Bank of China, China Construction Bank, and Agricultural Bank of China account for around half of total lending. For a journalist with good contacts, four phone calls can produce a reasonable estimate of lending for the month. That number is normally in the markets ahead of the PBOC data release.

- The monthly data on industrial value added, fixed asset investment, retail sales, CPI and PPI, and the quarterly GDP data is announced to the financial press about 15 minutes ahead of the public announcement. In theory, this allows the data to be released to the markets in an orderly way. Any organizations that take advantage of the 15-minute window to jump the gun and release the data early should be severely punished. In practice, Chinese news organizations, especially state media outlet Xinhua, break the embargo with impunity. Foreign news organizations, which are kept on a tighter leash, are left fuming as their Chinese competitors break the rules to gain a competitive advantage.

It adds up to a messy and confusing picture, with insiders benefiting from advance information and everyone else chasing rumors. For foreign investors, the chance of being out of the loop when decisions or data are leaked is one of the frustrations of working in the Chinese markets.

A YEAR IN CHINA’S ECONOMIC DATA

Chinese holidays (some of them fixed, some of them floating), political set pieces, and changes in the season affect what is happening to the data. Keeping an eye on the calendar makes understanding what is going on easier.

January and February: New Year’s Holiday Plays Havoc with Data

Chinese New Year is the main event in the annual calendar, the equivalent of Thanksgiving, Christmas, and New Year’s Day in the United States rolled into one, but stretched over an entire week. Airports and railway stations are packed with workers returning home for the most important holiday of the year. Work on construction sites grinds to a halt, factories cease production, and the financial markets are closed. With the New Year falling in January some years and February in others, the calendar plays havoc with the economic data. The NBS attempts to overcome the problem by publishing some of the main data points for January and February together. Data that is published for separate months, including data on trade from the Customs Bureau, needs to be treated with caution because of the seasonal distortion.

The holiday also impacts the financial markets. With households hungry for cash to
pay for train tickets and to stuff into red envelopes as gifts for family members, and firms demanding extra funds to pay a New Year’s bonus, the banks run short. Short-term interest rates kick up, and the PBOC injects liquidity to make up the shortfall. Throw the chance of very bad weather impacting economic activity into the mix, and data for the first two months of the year needs to be treated with caution.

March and April: Twin Work Meetings Set the Direction of Economic Policy

With the New Year’s festivities over, March’s main event is the government’s twin work meetings. In theory, the National People’s Congress (NPC) is China’s highest authority. In practice, key decisions are shaped by a smaller group at the October meeting of the Communist Party’s Central Committee. That does not mean the NPC is without interest. The premier’s work report sets out the government’s overall economic policy stance and the priorities for the year, including a target for GDP, CPI, and money supply. The National Development and Reform Commissions (NDRC) expand on that with targets for trade, fixed asset investment, and retail sales. The budget sets priorities for government spending and the target for the fiscal surplus or deficit. The Chinese People’s Political Consultative Conference is second fiddle to the NPC, but it takes place in parallel and provides the financial press with a rare opportunity to doorstop decision makers and ask them difficult questions.

In April, following the confusion caused by Chinese New Year, GDP data for the first quarter brings some welcome clarity on the state of the economy. Publication of the GDP data is typically preceded by a meeting of the State Council, chaired by the premier and with all the main economic policy actors in the room. The State Council reviews the economic data ahead of its publication, agrees on the direction of economic policy for the quarter ahead, and sometimes makes decisions on the use of key policy instruments such as the interest rate. In April 2010, the State Council meeting resulted in the announcement of a crackdown on bubble prices in the real estate sector.

May and June: No Rest for the Workers

Until 2007, workers enjoyed a week-long holiday in May. From 2008, that was reduced to a single day, on May 1. The change from a week-long to a single-day holiday affects the seasonal pattern in the historical data, and the 1-day holiday continues to reduce working days in May relative to April and June, which can have an impact on the month-on-month data.

July and August: Political Slumber and Natural Disaster

Beijing summers are hot. The temperature pushes up into the high 80 degrees Fahrenheit. In the Deng Xiaoping and Jiang Zemin era, China’s leaders sloped off to Beidaihe, a
nearby coastal resort, for a few weeks of swimming and political intrigue. Hu Jintao decided that an annual holiday for the entire leadership did not fit with the image of simple living he wanted to project, so the Beidaihe retreats fell out of favor. But being in Beijing does not appear any more conducive to making difficult decisions. The publication of GDP data for the second quarter in early July is preceded by the normal meeting of the State Council. But in general, the summer months are not heavily populated with major political or economic events.

Natural disasters are not confined to the summer months. Snowstorms in the winter and earthquakes anytime they please have claimed lives and treasure in recent years. But the summer months are particularly prone to natural calamities. Floods can damage infrastructure and put a dent in output for the industrial and agricultural sectors. July 1 also marks the date of the founding of the Chinese Communist Party in 1921, a sensitive anniversary.

**September and October: National Day Holiday, Central Committee Meeting**

The moon festival in September or October and National Day at the beginning of October introduce further confusion into the economic data. The fall holidays are not as important as the New Year’s festivities. There’s no exodus of migrant workers from the factory back to the farm, construction continues, and shops stay open. But the two holidays put a significant dent in working days, especially for white-collar workers, and affect the economic data for September and October. The National Day Holiday on October 1 is also the anniversary of the founding of the People’s Republic of China in 1949.

In mid-October, a meeting of the Central Committee of the Communist Party brings together China’s most senior decision makers. The meeting has assumed a new importance under the leadership of Hu Jintao as a forum in which important economic decisions are made. The October 2010 meeting came ahead of a decision to raise interest rates and anticipated a shift in economic policy out of crisis response and into neutral mode. The Central Committee meeting also sets the tone for the meeting of the NPC in March the next year.

**November and December: Central Economic Work Meeting**

In the first half of December, the main event is the Central Economic Work Meeting. With the president and premier in attendance, the meeting brings together senior leaders from central departments and provincial governments for 3 days of discussions. The meeting sets the tone for economic policy in the year ahead, identifying the overarching stance for monetary and fiscal policy, and setting out priorities for structural reform.
HOW THIS BOOK WORKS

This book is organized into chapters that cover different aspects of the economy; for example, the second chapter covers indicators of national output, and the third chapter indicators of investment. Within each chapter, there are sections devoted to individual indicators. The information on each indicator is organized as follows:

**Market sensitivity:** Is this a high-sensitivity indicator that always gets the attention of the markets (such as GDP or CPI), a medium-sensitivity indicator in which an unusual movement might spark some trading activity (such as fixed asset investment or retail sales), or a low-sensitivity indicator that does more to inform the market’s overall assessment than it does to trigger an immediate response (such as nonperforming loans or yuan deposits in the Hong Kong banking system)?

**What is it?** This is a brief description of the indicator and what it measures, including the units in which it is published. Being clear about the units in which the data is published is especially important in China, because of the considerable variety of approaches and conventions that often differ from those used in the United States. The main points to watch for are these:

- **Currency:** Is the data published in yuan (as with the GDP data) or dollars (as with the trade data)?
- **Units:** Is the data published in individual units (as with the wage data), tens of thousands (as with floor space under construction), millions (as with yuan deposits in the Hong Kong banks), or hundreds of millions (as with fixed asset investment)? Tens of thousands (¥, wan) and hundreds of millions (¥, yi) are units peculiar to the Chinese counting system.
- **Period:** Does the data cover the current month (as with retail sales) or the year-to-date (as with fixed asset investment)?
- **Real or nominal:** Does the data account for changes in prices (as with industrial value added) or not (as with wages)?

**Chinese news release on the Internet:** Where can you find the Chinese data release on the Internet?

**English news release on the Internet:** Where can you find the English data release on the Internet?

**Release time:** When can you expect the publication of the data?

**Frequency:** Is it a daily, weekly, monthly, quarterly, or annual indicator?

**Source:** Who is producing the data? This could be the NBS, PBOC, CFLP, Hong Kong Monetary Authority, U.S. Bureau of Labor Statistics, or someone else.

**Revisions:** Is the data subject to revisions (as with the GDP data) or not (as with almost everything else)?
Why is it important? Why do the markets care about this indicator, and what does it say about the Chinese economy?

How is the data calculated? Where does the data come from, and how is it put together?

Are there any reasons—political or technical—to doubt the accuracy of the data?

Interpreting the data: What does the data release look like, what are the most important takeaways, and how should they be interpreted? If the data is typically published in a table, you can see a copy of it here, with labels indicating the key points, linked to explanatory notes. For tables that are published on a timely basis in English, the English table is shown. For tables that are not published in English, or published in English only after a long delay, you can see a copy of the Chinese table with the main terms translated into English. For some of the larger tables, some of the less relevant data points are left out. For example, in the table of China’s imports by product (Table 5.4 in Chapter 5), the table includes imports of crude oil and iron ore, but not imports of pesticides or other smaller components of China’s import bill. Data omitted from the original is indicated by an ellipsis in brackets: […]

Market impact: What impact does this data release typically have on equity, commodity, and currency markets?
Index

Numbers
1950s grain data falsification, 3
1998 GDP controversy, 14-15
5,000 industrial enterprises overseas order level indicator, 63
5,000 industrial enterprises diffusion index of raw materials, 59

A
April data releases, 9
August data releases, 9
automobile sales, 93
average total income per capita, 96

B
balance of payments report
calculating, 130-131
defined, 130
frequency, 130
importance, 130
interpreting, 131
direct investments, 133
equities, 199
currency, 199
defined, 193
importance, 193
interpreting, 195-199
news releases, 193
release time, 193
source, 193
loans
doubtful, 205
loss, 205
nonperforming, 204-208
normal, 205
special notice, 205
substandard, 205
total loans issued by financial institutions data, 59
beverage spending, 92

banking
bond market yield curve
calculating, 186
defined, 185
frequency, 185
importance, 185-186
interpreting, 187-191
news releases, 185
release time, 185
source, 185
interest rates
Market News International China Business Survey, 50
short-term, 190
investments
lending and deposits records
calculating, 194
commodities, 199
currency, 199
defined, 193
importance, 193
interpreting, 195-199
news releases, 193
release time, 193
source, 193
loans
doubtful, 205
loss, 205
nonperforming, 204-208
normal, 205
special notice, 205
substandard, 205
total loans issued by financial institutions data, 59
bond market yield curve
  calculating, 186
  defined, 185
  frequency, 185
  importance, 185-186
  interpreting
    market impact, 191
    Ministry of Finance yield curve, 187-188
    one-year yield, 189
    short-term interest rates, 190
  news releases, 185
  release time, 185
  source, 185
  broad money supply indicator, 62
  business sentiment surveys, 62

C
  calculating
    balance of payments report, 130-131
    bank lending and deposits records, 194
    bond market yield curve, 186
    central parities, 209-210
    CFLP PMI, 40-42
    Conference Board leading economic indicators, 58-60
    consumer confidence, 101-102
    Consumer Price Index, 170-173
    CREIS, 84
    fiscal revenue and expenditure, 31
    fixed asset investments, 69
    foreign direct investments, 126-127
    foreign exchange gold reserves, 136-137
    freight and passenger traffic, 37-38
    GDP, 17-19
    Hong Kong banking system yuan deposits, 215
    household income, 94-95
    household price expectations, 178
    HSBC Markit PMI, 45-46
    industrial value added, 24-25
  INTAGE consumer sentiment survey, 105-106
  labor market supply-and-demand survey, 163
  Market News International China Business Survey, 48-49
  money supply, 200-201
  NBS leading economic indicators, 53-55
  nonperforming loans, 205-206
  OECD composite leading economic indicators, 62-63
  Producer Price Index, 181
  real estate prices/investments/sales/construction, 76-77
  retail sales, 90
  trade, 111-112
  Treasury International Capital, 143-144
  U.S. Import Price Index, 121-122
  urban wages, 150-152
  calendar of data releases
    information leaks, 7-8
    monthly, 6-7
    yearly, 8
    January/February, 8
    July/August, 9
    March/April, 9
    May/June, 9
    November/December, 10
  cash income, 99
  CCI (Consumer Confidence Index), 102
  CEI (coincident economic indicators), 54, 58
  CEI (Consumer Expectations Index), 59, 102
  CEMAC (China Economic Monitoring and Analysis Center), 57
  Central Committee of the Communist Party meeting, 10
  Central Economic Work Meeting, 10
  central parities
    calculating, 209-210
    commodities, 214
    currency, 214
    defined, 209
Index

equities, 213
frequency, 209
importance, 209
interpreting EUR/CNY, 212-213 USD/CNY, 210-212 news releases, 209 release time, 209 source, 209
CFLP (China Federation of Logistics and Purchasing), 6
CFLP Purchasing Managers Index, 40 calculating, 40-42 commodities, 44 currencies, 44 equities, 44 Export Orders Subindex, 59 frequency, 40 importance, 40 interpreting, 42-44 news releases, 40 release times, 40 source, 40 Supplier Deliveries Subindex, 59
cheap imports, 124
checks and balances (national-level data), 15 chemical fertilizer production, 63 China Economic Monitoring and Analysis Center (CEMAC), 53

China Real Estate Index System. See CREIS Chinese New Year, 8
Chinese news release website, 13

CLI (Composite Leading Indicator), 62
calculating, 58-60 commodities, 83 defined, 75 equities, 83 floor space data, 82
frequency, 75
importance, 75-76 interpreting, 78-80 news releases, 75 release times, 75
surface area, 82

Consumer Price Index (CPI)
calculating, 170-173 commodities, 171 components, 171 price points checks, 170 weights, 171

Consumer Price Index, 176
cash asset investments, 74
foreign direct investments, 129
GDP, 23
HSBC Markit PMI, 47
industrial value added, 29
money supply, 203
Producer Price Index, 184
real estate prices/investments/sales/construction, 83
retail sales, 93
trade, 120

Composite Leading Indicator (CLI), 62
Conference Board leading economic indicators calculating, 58-60
defined, 58
casualty, 58
importance, 58
interpreting, 60
market impact, 61
news releases, 58
release times, 58
source, 58

construction, real estate calculating, 75-77
casualty, 75
defined, 75
equities, 83
floor space data, 82

frequencies, 75
importance, 75-76
interpreting, 78-80
news releases, 75
release times, 75
surface area, 82

Consumer Price Index (CPI)
calculating, 170-173
accommodation item, 172-173
components, 171
price points checks, 170
weights, 171
commodities, 176
currency, 176
defined, 169
equities, 176
frequency, 169
importance, 169-170
interpreting
clothing, 176
consumer prices, 173
food, 174
meat and poultry subcomponent, 175
residence, 175
news releases, 169
release times, 169
source, 169
Consumer Satisfaction Index (CSI), 102
consumer sentiment index, 105
collectors
confidence
calculating, 101-102
defined, 101
frequency, 101
importance, 101
index (CCI), 102
interpreting, 103-104
market impact, 104
news releases, 101
release times, 101
source, 101
Expectations Index (CEI), 59, 102
goods retail sales totals, 91-92
Satisfaction Index (CSI), 102
sentiment survey, 105
calculating, 105-106
frequency, 105
importance, 105
index, 105
interpreting, 107-108
market impact, 108
news releases, 105
release times, 105
consumption (GDP), 22
CREIS (China Real Estate Index System), 76
calculating, 84
defined, 84
frequencies, 84
interpreting, 85
market impact, 88
trading, 87
trading prices, 85-86
news releases, 84
real estate prices/investments/sales/
construction, 76
release times, 84
source, 84
crude oil imports, 118
crude steel production, 63
currencies
bank lending and deposits records, 199
central parities, 214
CFLP PMI, 44
Consumer Price Index, 176
good asset investments, 74
foreign direct investments, 129
GDP, 23
HSBC Markit PMI, 47
industrial value added, 30
money supply, 203
Producer Price Index, 184
retail sales, 93
trade, 120
yuan
exchange rate, 50
Hong Kong banking system deposits,
216-217
Monetary Policy Report, 219
current income sentiment, 180
current price satisfaction, 179
D
data release patterns
information leaks, 7-8
monthly, 6-7
yearly, 8
January/February, 8
July/August, 9
March/April, 9
May/June, 9
November/December, 10
December data releases, 10
deficit, 32-34
deflators (GDP), 19
direct investments, 133
disposable income per capita, 96-98
doubtful loans, 205
durable buying conditions, 108
durable consumer goods, 184
economic indicators. See indicators
electrical export products, 116
electricity production, 28
employment. See labor market
English news release website, 13
equities
bank lending and deposits records, 199
central parities, 213
CFLP PMI, 44
Consumer Price Index, 176
fixed asset investments, 74
foreign direct investments, 129
GDP, 23
HSBC Markit PMI, 47
industrial value added, 29
money supply, 203
Producer Price Index, 184
real estate prices/investments/sales/
construction, 83
retail sales, 93
trade, 120

errors and omissions (balance of payments report), 135
estimating GDP data, 19
excess reserves, 221
exchange rates
boilerplate, 220
dollar value of reserves, 137
exports/imports, 110-111
yuan, 50
expectations of prices
calculating, 178
defined, 177
frequency, 177
importance, 177
interpreting, 179-180
news releases, 177
release time, 177
source, 177
expenditure-side GDP data, 19
exports
calculating, 111-112
country breakdowns, 120
exchange rates, 110-111
garments, 116
GDP data, 22
interpreting, 112-113
market impact, 120
mechanical and electrical, 116
Orders Subindex, 59
processing, 115
steel, 117
surpluses, 114
external sector
balance of payments
calculating, 130-131
defined, 130
direct investments, 133
errors and omissions, 135
foreign exchange, 134
frequency, 130
goods, 133
importance, 130
income, 133
interpreting, 131
market impact, 135
news releases, 130
release time, 130
revisions, 130
services, 133
source, 130
foreign direct investment
calculating, 126-127
commodities, 129
currency, 129
defined, 125
equities, 129
frequency, 125
importance, 125-126
inbound investments, 128
interpreting, 128
news releases, 125
outbound investments, 128
release times, 125
source, 125
foreign exchange gold reserves report, 136
calculating, 136-137
frequency, 136
gold holdings, 140
hot money, 136-140
importance, 136
interpreting, 138-141
market impact, 141
news releases, 136
release time, 136
source, 136
trade
calculating, 111-112
commodities, 120
country breakdowns, 120
crude oil, 118
currencies, 120
defined, 109
equities, 120
exchange rates, 110-111
frequency, 109
garments, 116
importance, 109-110
interpreting, 112
iron ore, 118
mechanical and electrical products, 116
news releases, 109
processing trade exports/imports, 115
release times, 109
sources, 109
soybeans, 119
steel, 117
surpluses, 114
total exports, 112-113
total imports, 113-114
Treasury International Capital Report
calculating, 143-144
China, 145
defined, 142
frequency, 142
importance, 142-143
interpreting, 145-147
market impact, 147
news releases, 142
release time, 142
revisions, 142
source, 142
U.S. Treasury obligations, 146
United Kingdom, 145
U.S. Import Price Index
calculating, 121-122
cheap imports, 124
defined, 121
frequency, 121
importance, 121
interpreting, 122-124
market impact, 124
news releases, 121
release time, 121
revisions, 121
source, 121

February data releases, 8
financial indicators
bank lending and deposits records
calculating, 194
commodities, 199
currency, 199
defined, 193
equities, 199
frequency, 193
importance, 193
interpreting, 195-199
news releases, 193
release time, 193
source, 193

central parity
calculating, 209-210
commodities, 214
currency, 214
defined, 209
equities, 213
frequency, 209
importance, 209
interpreting, 210-213
news releases, 209
release time, 209
source, 209

Hong Kong banking system yuan deposits,
215-217
calculating, 215
defined, 215
frequency, 215
importance, 215
interpreting, 216-217
news releases, 215
release time, 215
source, 215

money supply
calculating, 200-201
commodities, 203
currency, 203
defined, 200
equities, 203
frequency, 200
importance, 200
interpreting, 201-202
news releases, 200
release time, 200
source, 200

nonperforming loans
calculating, 205-206
defined, 204
frequency, 204
importance, 204-205
interpreting, 206-207
market impact, 208
news release, 204
release time, 204
source, 204

PBOC reports, 218
frequency, 218
importance, 218-219
Macroeconomic Report, 222-223
market impact, 224
Monetary Policy Committee Statement,
223-224
Monetary Policy Report, 219-222
news releases, 218
release times, 218
source, 218

first quarter 2010 GDP data, 20-22
fiscal revenue and expenditures
calculating, 31
defined, 31
frequency, 31
importance, 31
interpreting
deficit or surplus, 32-34
spending priorities, 35
tracking growth, 34-35
market impact, 35
news release websites, 31
release times, 31
source, 31

fixed asset investments
calculating, 69
commodities, 74
currencies, 74
defined, 67
equities, 74
frequency, 67
importance, 67-68
interpreting, 71
June 2010 statistics, 70
land purchases, 72
manufacturing, 73
real estate, 72
state-owned/state-controlled, 72
total investment amount, 70
transportation/storage/post, 73
news releases, 67
release times, 67
sources, 67
floor space data, 59, 82
food
Consumer Price Index, 174
spending, 92
foreign direct investment
calculating, 126-127
defined, 125
frequency, 125
importance, 125-126
interpreting, 126-129
news releases, 125
release times, 125
source, 125
foreign exchange
balance of payments report, 130
gold reserves report
calculating, 136-137
defined, 136
frequency, 136
gold holdings, 140
hot money, 136-140
importance, 136
interpreting, 138-141
market impact, 141
news releases, 136
purchases, 197
release time, 136
source, 136
freight and passenger traffic
calculating, 37-38
defined, 36
frequency, 36
importance, 36-37
interpreting, 39
market impact, 39
news release websites, 36
release times, 36
frequencies
balance of payments report, 130
bank lending and deposits records, 193
bond market yield curve, 185
central parities, 209
CFI-PMI, 40
Conference Board leading economic indicators, 58
customer confidence, 101
Consumer Price Index, 169
CREEF, 84
cfisal revenue and expenditure, 31
fixed asset investments, 67
foreign direct investments, 125
foreign exchange reserves report, 136
freight and passenger traffic data, 36
GDP, 13
Hong Kong banking system yuan deposits, 215
household income, 94
household price expectations, 177
HSBC Markit PMI, 45
industrial value added, 24
INTAGE consumer sentiment survey, 105
labor market supply-and-demand report, 162
Market News International China Business Survey, 48
money supply, 200
NBS leading economic indicators, 53
nonperforming loans, 204
OECD composite leading economic indicators, 62
Index

PBOC report, 218
Producer Price Index, 181
real estate prices/investments/sales/ construction, 75
retail sales, 89
trade, 109
Treasury International Capital report, 142
U.S. Import Price Index, 121
unemployment report, 158
urban wages, 149
future price expectations, 170

G

garment exports, 116
GDP (gross domestic product), 13
1998 controversy, 14-15
calculating, 17
annual production-side, 17-18
estimating, 19
expenditure-side, 19
quarterly, 18
commodities, 23
currency, 23
defined, 13
deflators, 19
equities, 23
first quarter 2010 data, 20-22
frequency, 13
growth, 14
importance, 13
interpreting, 20-22
quarter-on-quarter seasonally adjusted growth, 222
release time/websites, 13
revisions, 13
services sector, 16-17
source, 13
gold
holdings, 140
reserves report
calculating, 136-137
defined, 136
frequency, 136
importance, 136
interpreting, 138-141
market impact, 141
news releases, 136
release time, 136
source, 136
goods (balance of payments report), 133

Grain

data falsification, 3
spending, 92
Great Leap Forward, 3
gross domestic product. See GDP
growth
fiscal revenue, 34-35
GDP, 14
industry
output, 27
year-on-year rates, 22, 26
year-on-year, 20

H

headline PMI, 44
Holz, Professor Carsten, 14
Hong Kong banking system yuan deposits
calculating, 215
defined, 215
frequency, 215
importance, 215
interpreting, 216-217
market impact, 217
news releases, 215
release time, 215
source, 215
hot money, 138-140
households
consumer confidence
calculating, 101-102
defined, 101
frequency, 101
importance, 101
interpreting, 103-104
market impact, 104
news releases, 101
release times, 101
source, 101
Consumer Price Index, calculating, 172-173
income, 94
calculating, 94-95
defined, 94
frequency, 94
importance, 94
interpreting, 95-100
market impact, 100
news releases, 94
release times, 94
source, 94
INTAGE consumer sentiment survey, 105
calculating, 105-106
frequency, 105
importance, 105
market impact, 108
news releases, 105
release times, 105
price expectations
calculating, 178
defined, 177
frequency, 177
importance, 177
interpreting, 179-180
news releases, 177
release time, 177
source, 177
retail sales
calculating, 90
commodities, 93
currencies, 93
defined, 89
equities, 93
frequency, 89
importance, 89
interpreting, 90-93
news releases, 89
release times, 89
source, 89
HSBC Markit PMI
calculating, 45-46
commodities, 47
currencies, 47
defined, 45
equities, 47
frequency, 45
importance, 45
interpreting, 46
news releases, 45
release times, 45
source, 45
imports
calculating, 111-112
country breakdowns, 120
crude oil, 118
exchange rates, 110-111
interpreting, 112-114
iron ore, 118
market impact, 120
processing, 115
soybeans, 119
surpluses, 114
U.S. Import Price Index
calculating, 121-122
cheap imports, 124
defined, 121
frequency, 121
importance, 121
interpreting, 122-124
market impact, 124
news releases, 121
release time, 121
revisions, 121
source, 121
inbound investments, 128
income
balance of payments report, 133
current sentiment, 180
disposable income per capita, 96-98
household
calculating, 94-95, 150-152
defined, 94
frequency, 94, 149
importance, 94, 149-150
interpreting, 95-100, 153
market impact, 100, 157
news releases, 94, 149
real versus nominal wages, 153
release times, 94, 149
source, 94, 149
indexes
CFLP Purchasing Managers Index, 40
calculating, 40-42
commodities, 44
currencies, 44
equities, 44
Export Orders Subindex, 59
frequency, 40
importance, 40
interpreting, 42-44
news releases, 40
release times, 40
source, 40
Supplier Deliveries Subindex, 59
China Real Estate Index System
calculating, 84
defined, 84
frequencies, 84
interpreting, 85-88
news releases, 84
real estate prices/investments/sales/construction, 76
release times, 84
source, 84
Consumer Confidence, 102
Consumer Expectations, 59, 102
Consumer Price
calculating, 176-177
commodities, 176
currency, 176
defined, 169
equities, 176
frequency, 169
importance, 169-170
interpreting, 173-176
news releases, 169
release time, 169
source, 169
Consumer Satisfaction, 102
Consumer Sentiment, 105
early warning, 55
macroeconomic climate index, 53
Purchasing Manager. See PMI
Producer Price
calculating, 181
commodities, 184
currency, 184
defined, 181
equities, 184
frequency, 181
importance, 181
interpreting, 182-184
news releases, 181
release time, 181
raw materials, 5,000 industry enterprises
diffusion, 59
Supplier Deliveries Subindex, 59
U.S. Import Price
calculating, 121-122
cheap imports, 124
defined, 121
frequency, 121
importance, 121
interpreting, 123-124
market impact, 124
news releases, 121
release time, 121
revisions, 121
source, 121

indicators
coincident, 54, 58
Conference Board
calculating, 58-60
defined, 58
frequency, 58
importance, 58
interpreting, 60
market impact, 61
news releases, 58
release times, 58
source, 58
NBS
calculating, 53-55
defined, 53
frequency, 53
importance, 53
interpreting, 56
market impact, 57
release times, 53
source, 53
OECD composite leading economic
calculating, 62-63
defined, 62
frequency, 62
interpreting, 64-65
market impact, 65
news releases, 62
release times, 62
source, 62
reliability, 3-6
economic data as propaganda, 4
Information Age influences, 4
local unreliable inputs, 4
mainland changes, 5
measuring tools, 5
methodology transparency, 5
over-exporting grain data, 5
population, 5

industry
growth rates, 22, 26
output, 27

raw materials
5,000 industry enterprises diffusion index,
59
producer prices, 183

value added data
calculating, 24-25
commodities, 29
currencies, 30
defined, 24
equities, 29
frequency, 24
importance, 24
interpreting, 26-29
July 2010, 26
news release websites, 24
release times, 24

information leaks, 7-8
INTAGE consumer sentiment survey, 105
calculating, 105-106
frequency, 105
importance, 105
interpreting, 107-108
market impact, 108
news releases, 105
release times, 105

interest rates
Market News International China Business
Survey, 50
short-term, 190

interpreting
balance of payments report, 131-135
bank lending and deposits records, 195-199
bond market yield curve, 187-190
central parities, 210-213
CFLP PMI, 42-44
Conference Board leading economic
dicators, 60
consumer confidence, 103-104
Consumer Price Index, 173-176
CREIS, 85-87
fiscal revenue and expenditure data, 32-35
defined, 75
equities, 83
frequencies, 75
importance, 75-76
interpreting, 78-80
release times, 75
iron ore imports, 118

J–K
January data releases, 8
job opportunities to job seekers ratio, 164
July 2010 industrial value added, 26
July data releases, 9
June data releases, 9

L
labor market
employment indexes, 160
migrant workers, 161, 166
supply-and-demand report
calculating, 163
defined, 162
frequency, 162
importance, 162
market impact, 167
migrant workers, 166
news releases, 162
opportunities to job seekers ratio, 164
reasons for seeking new jobs, 165
regional breakdowns, 165
release time, 162
source, 162
youth unemployment, 166
unemployment
defined, 158
frequency, 158
importance, 158-159
market impact, 161
migrant workers, 161
news releases, 158
PMI employment indexes, 160
release time, 158
source, 158
urban wages
calculating, 94-95, 150-152
defined, 94
frequency, 94, 149
importance, 94, 149
interpreting, 95-100, 153
market impact, 100, 157
news releases, 94, 149
real versus nominal wages, 153
release times, 94, 149
source, 94, 149
lagging indicator components and weights, 54
land purchases, 72
leading economic indicators
Conference Board
calculating, 58-60
defined, 58
frequency, 58
importance, 58
interpreting, 60
market impact, 61
news releases, 58
release times, 58
source, 58
NBS
calculating, 53-55
defined, 53
frequency, 53
importance, 53
interpreting, 56
market impact, 57
news releases, 53
release times, 53
source, 53
OECD composite
calculating, 62-63
defined, 62
frequency, 62
interpreting, 64-65
market impact, 65
news releases, 62
release times, 62
source, 62
leaks, 7-8
liquor spending, 92
loss
  doubtful, 205
  loss, 205
nonperforming
  calculating, 205-206
  defined, 204
  frequency, 204
  importance, 204-205
  interpreting, 206-207
  market impact, 208
  release time, 204
  source, 204
  normal, 205
  special notice, 205
  substandard, 205
  total loans issued by financial institutions data, 59
loss loans, 205

M
macroeconomic climate index, 53
Macroeconomic Report, 222-223
Maddison, Professor Angus, 14
manufacturing
CFLP PMI, 43-44
  fixed asset investments, 73
  goods producer prices, 182
March data releases, 9
market impact
  balance of payments report, 135
  bank lending and deposits records, 199
  bond market yield curve, 191
  central parities, 213
CFLP PMI, 44
commodities
  fixed asset investments, 74
  GDP data, 23
  real estate prices/investments/sales/construction, 83
  retail sales, 93
Conference Board leading economic indicators, 61
consumer confidence, 104
Consumer Price Index, 176
CREIS, 88
currencies
  fixed asset investments, 74
  GDP data, 23
  retail sales, 93
equities
  fixed asset investments, 74
  GDP data, 23
  real estate prices/investments/sales/construction, 83
  retail sales, 93
fiscal revenue and expenditure data, 35
foreign direct investments, 129
foreign exchange gold reserves, 141
freight and passenger traffic, 39
Hong Kong banking system yuan deposits, 217
households
  income, 100
  price expectations, 180
HSBC Markit PMI, 47
industrial value added, 29-30
INTAGE consumer sentiment survey, 108
labor market supply-and-demand, 167
Market News International China Business Survey, 52
money supply, 203
NBS leading economic indicators, 57
nonperforming loans, 208
OECD composite leading economic indicators, 65
PBOC reports, 224
Producer Price Index, 184
trade, 120
Treasury International Capital, 147
U.S. Import Price Index, 124
unemployment, 161
urban wages, 157
Market News International (MNI) China Business Survey
calculating, 48-49
defined, 48
frequency, 48
importance, 48
interpreting, 50-52
forward-looking aspect, 51
interest rates, 50
overall business conditions, 50
yuan exchange rate, 50
market impact, 52
news releases, 48
release times, 48
source, 48
market sensitivity, 11
materials (building/decoration sales), 93
May data releases, 9
mechanical export products, 116
migrant workers, 161, 166
Ministry of Finance yield curve, 187-188
Monetary Policy
Committee Statement, 223-224
Report, 219
benchmark rates, 221
excess reserves, 221
exchange rate boardplate, 220
lending breakdown, 221
loose/stable/tight, 219-220
social finance, 222
yuan settlement, 222
money supply
calculating, 200-201
commodities, 203
currency, 203
defined, 200
equities, 203
frequency, 200
importance, 200
interpreting, 201-202
release, 200
release time, 200
source, 200
monthly data release patterns, 6-7
motor vehicles production indicator, 63

N
National Day Holiday, 10
National Development and Reform Commissions (NDRC), 9
national output. See output
National People’s Congress (NPC), 9
national-level data, checks and balances, 15
natural disasters, 10
NBS (National Bureau of Statistics) leading economic indicators
calculating, 53-55
defined, 53
frequency, 53
importance, 53
interpreting, 56
market impact, 57
news releases, 53
release times, 53
source, 53
NDRC (National Development and Reform Commissions), 9
net exports (GDP data), 22
new building total floor space data, 59
new construction
commercial residential building, 79
residential building sales price indices, 78
news releases
balance of payments report, 130
bank lending and deposits records, 193
bond market yield curve, 185
central parity, 209
CFLP PMI, 40
Conference Board leading economic indicators, 58
construction, 75
consumer confidence, 101
Consumer Price Index, 169
CREIS, 84
defined, 89
fiscal revenue and expenditure data, 31
foreign direct investments, 125
foreign exchange reserves, 136
freight and passenger traffic, 36
Hong Kong banking system yuan deposits, 215
households
income, 94
price expectations, 177
HSBC Markit PMI, 45
INTAGE consumer sentiment survey, 105
investments, 75
labor market supply-and-demand, 162
Market News International China Business Survey, 48
money supply, 200
NBS leading economic, 53
nonperforming loans, 204
OECD composite leading economic indicators, 62
PBOC reports, 218
Producer Price Index, 181
real estate prices, 75
retail sales, 89
sales, 75
trade, 109
Treasury International Capital report, 142
U.S. Import Price Index, 121
unemployment, 158
urban wages, 149
nominal GDP data, 22
nonperforming loans
calculating, 205-206
defined, 204
frequency, 204
importance, 204-205
interpreting, 206-207
market impact, 208
news release, 204
release time, 204
source, 204
normal loans, 205
November data releases, 10
NPC (National People’s Congress), 9

OECD (Organization for Economic Cooperation and Development), 62
calculating, 62-63
defined, 62
frequency, 62
interpreting, 64-65
market impact, 65
news releases, 62
release times, 62
source, 62
oil spending, 92
one-year yield, 189
outbound investments, 128
output
CFLP PMI, 40
calculating, 40-42
commodities, 44
currencies, 44
equities, 44
frequency, 40
importance, 40
interpreting, 42-44
news releases, 40
release times, 40
source, 40
Conference Board leading economic indicators
calculating, 58-60
defined, 58
frequency, 58
importance, 58
interpreting, 60
market impact, 61
news releases, 58
release times, 58
source, 58
electricity, 28
fiscal revenue and expenditure calculating, 31
defined, 31
frequency, 31
importance, 31
interpreting, 32-35
market impact, 35
news release websites, 31
release times, 31
source, 31
freight and passenger traffic calculating, 36-37
defined, 36
frequency, 36
importance, 36-37
interpreting, 39
market impact, 39
news release websites, 36
release times, 36
gap, 223
GDP. See GDP growth
HSBC Markit PMI calculating, 45-46
commodities, 47
currencies, 47
defined, 45
equities, 47
frequency, 45
importance, 45
interpreting, 46
news releases, 45
release times, 45
source, 45
industrial value added calculating, 24-25
commodities, 29
currencies, 30
defined, 24
electricity production, 28
equities, 29
frequency, 24
importance, 24
interpreting, 26-29
July 2010, 26
news release websites, 24
output growth by sectors, 27
product output volume, 27
release times, 24
year-on-year growth, 26
Market News International China Business Survey calculating, 48-49
defined, 48
frequency, 48
importance, 48
interpreting, 50-52
market impact, 52
news releases, 48
release times, 48
source, 48
NBS leading economic indicators, 53
calculating, 53-55
frequency, 53
importance, 53
interpreting, 56
market impact, 57
news releases, 53
release times, 53
source, 53
OECD composite leading economic indicators calculating, 62-63
defined, 62
frequency, 62
interpreting, 64-65
market impact, 65
news releases, 62
release times, 62
source, 62
overall business conditions data, 50
overseas order levels, 63

P
passenger transport data, 39
PBOC (People’s Bank of China) reports, 6, 218
frequency, 218
importance, 218-219
Macroeconomic, 222-223
market impact, 224
Monetary Policy, 219
benchmark rates, 221
excess reserves, 221
exchange rate boleplate, 220
lending breakdown, 221
loose/stable/tight, 219-220
social finance, 222
yuan settlement, 222
Monetary Policy Committee Statement, 223-224
news releases, 218
release times, 218
source, 218
PMI (Purchasing Managers Index), 45, 160
CFLP
Export Orders Subindex, 59
calculating, 46-42
commodities, 44
currencies, 44
defined, 40
equities, 44
frequency, 40
importance, 40
interpreting, 42-44
release times, 40
sources, 40
Supplier Deliveries Subindex, 59
employment indexes, 160
HSBC Markit
calculating, 45-46
commodities, 47
currencies, 47
defined, 45
equities, 47
frequency, 45
importance, 45
interpreting, 46
news releases, 45
release times, 45
source, 45
political retreats, 9
population (reliability of economic indicators), 5
postal fixed asset investments, 73
PPI (Producer Price Index), 6
calculating, 181
commodities, 184
currency, 184
defined, 181
equities, 184
frequency, 181
importance, 181
interpreting
durable goods, 184
manufactured goods, 182
processing, 184
raw materials, 183
news releases, 181
release time, 181
prices
bond market yield curve
calculating, 186
defined, 185
frequency, 185
importance, 185-186
market impact, 191
Ministry of Finance yield curve, 187-188
news releases, 185
one-year yield, 189
release time, 185
short-term interest rates, 190
source, 185
Consumer Price Index
calculating, 170-171
commodities, 176
currency, 176
defined, 169
equities, 176
frequency, 169
importance, 169-170
interpreting, 173-176
news releases, 169
release times, 169
source, 169
household expectations
calculating, 178
defined, 177
importance, 177
interpreting, 179-180
market impact, 180
news releases, 177
release time, 177
source, 177
processed goods, 184
Producer Price Index
calculating, 181
commodities, 184
currency, 184
defined, 181
equities, 184
frequency, 181
importance, 181
interpreting, 182-184
news releases, 181
release time, 181
real estate
calculating, 76-77
commodities, 83
defined, 75
equities, 83
frequency, 75
importance, 75-76
interpreting, 78-80
news releases, 75
release times, 75
processing trade exports/imports, 115
Policy Index. See PPI
production-side GDP data, 17-18
Purchasing Manager Index. See PMI

Q–R
quarter-on-quarter seasonally adjusted GDP
growth, 222
quarterly GDP data, 18
railway freight, 39
raw materials
5,000 industry enterprises diffusion
index, 59
producer prices, 183
Rawski, Professor Thomas, 14
real estate
CREIS
calculating, 84
defined, 84
importance, 84
interpreting, 85-87
market impact, 88
news releases, 84
release times, 84
source, 84
fixed asset investments, 72
land purchases, 72
prices/investments/sales/construction
calculating, 76-77
commodities, 83
defined, 75
equities, 83
frequency, 75
importance, 75-76
interpreting, 78-82
news releases, 75
release times, 75
under construction indicator, 63
release times
balance of payments report, 130
bank lending and deposits records, 193
bond market yield curve, 185
central banks, 209
CFLP PMI, 40
Conference Board leading economic
indicators, 58
Index

consumer confidence, 101
Consumer Price Index, 169
CREIS, 84
fiscal revenue and expenditure data, 31
fixed asset investments, 67
foreign direct investments, 125
foreign exchange gold reserves report, 136
freight and passenger traffic, 36
GDP data, 13
Hong Kong banking system yuan deposits, 215
household income, 94
household price expectations, 177
HSBC Markit PMI, 45
industrial value added, 24
INFDGe consumer sentiment survey, 105
labor market supply-and-demand report, 162
Market News International China Business Survey, 48
money supply, 200
NBS leading economic indicators, 53
nonperforming loans, 204
OECD composite leading economic indicators, 62
PROC report, 218
Producer Price Indexes, 181
real estate prices/investments/sales/ construction, 75
retail sales, 89
trade, 109
Treasury International Capital report, 142
U.S. Import Price Index, 121
unemployment report, 158
urban wages, 149
reliability of economic indicators, 3-6
economic data as propaganda, 4
Information Age influences, 4
local unreliable inputs, 4
mainland changes, 5
measuring tools, 5
methodology transparency, 5
over-reporting grain data, 3
population, 5
residential buildings, 78
retail sales
calculating, 90
commodities, 93
currencies, 93
defined, 89
equities, 93
frequencies, 89
importance, 89
interpreting, 90-93
automobiles, 93
customer goods totals, 91-92
grain/oil/foodstuff/beverages/tobacco/liquor, 92
materials, 93
release times, 89
sources, 89
rural household income, 100
calculate, 94-95
defined, 94
frequency, 94
interpreting, 95-100
average per capita totals, 96
by region, 99
cash income, 99
disposable income per capita, 96-98
rural, 100
wages/salaries, 100
market impact, 100
news releases, 94
release times, 94
source, 94
S
SAFE (State Administration of Foreign Exchange), 127
salaries, 100
sales
  consumer confidence
calculating, 101-102
defined, 101
frequency, 101
importance, 101
interpreting, 101-104
market impact, 104
news releases, 101
release times, 101
source, 101
news releases, 75
real estate
calculating, 75-76
commodities, 75
defined, 75
equities, 75
importance, 75-76
interpreting, 78-82
release times, 75
retail
calculating, 90
commodities, 93
currencies, 93
defined, 90
equities, 93
frequency, 90
importance, 90
interpreting, 90-93
news releases, 89
release times, 89
source, 89
services
balance of payments report, 133
sector data, 16-17
Shanghai stock exchange turnover
indicators, 63
short-term interest rates, 190
sources
balance of payments report, 130
bank lending and deposit records, 193
bond market yield curve, 185
central parity, 209
CLFP PML, 40
Conference Board leading economic
indicators, 58
customer confidence, 101
Consumer Price Index, 169
CREIS, 84
defined, 101
fiscal revenue and expenditure, 31
fixed asset investments, 67
foreign direct investments, 125
foreign exchange reserves report, 136
GDP, 13
Hong Kong banking system yuan
deposits, 215
household income, 94
household price expectations, 177
HSBC Markit PML, 45
labor market supply-and-demand report, 162
Market News International China Business
Survey, 48
money supply, 200
NBS leading economic indicators, 53
nonperforming loans, 204
OECD composite leading economic
indicators, 62
PBOC report, 218
retail sales, 89
trade, 109
Treasury International Capital report, 142
unemployment report, 158
U.S. Import Price Index, 121
urban wages, 149
soybean imports, 119
special notice loans, 205
spending priorities, 35
State Administration of Foreign Exchange
(SAFE), 127
state-controlled fixed asset investments, 72
steel exports, 117
storage (fixed asset investments), 73
substandard loans, 205
Supplier Deliveries Subindex, 59
supply-and-demand labor market report
  calculating, 163
  defined, 162
  frequency, 162
  importance, 162
  interpreting
    market impact, 167
    migrant workers, 166
    opportunities to job seekers ratio, 164
    reasons for seeking new jobs, 165
    regional breakdowns, 165
    youth unemployment, 166
  news releases, 162
  release times, 162
  source, 162
surpluses, 32-34, 114
surveys
  business sentiment, 42
  calculating, 105-106
  frequency, 105
  importance, 105
  index, 105
  interpreting, 107-108
  market impact, 108
  news releases, 105
  release times, 105
  INTAGE consumer sentiment, 105
labor market supply-and-demand, 163
Market News International China Business surveys
  calculating, 48-49
  defined, 48
  frequency, 48
  importance, 48
  interpreting, 50-52
  market impact, 52
  news releases, 48
  release times, 48
  source, 48
T
Tiananmen Square protesters, 169
tobacco spending, 92
total floor space of new buildings data, 59
total loans issued by financial institutions data, 59
trade
  balance of payments report
    calculating, 130-131
    defined, 130
    direct investments, 133
    errors and omissions, 135
    foreign exchange, 134
    frequency, 130
    goods, 130
    importance, 130
    income, 133
    interpreting, 131
    market impact, 135
    news releases, 130
    release time, 130
    revisions, 130
    services, 133
    source, 130
    calculating, 111-112
    commodities, 120
    CRES, 85-87
    currencies, 120
    defined, 109
    equities, 120
    exchange rates, 110-111
    foreign exchange gold reserves. See foreign exchange, gold reserves report
    frequency, 109
    importance, 109-110
    interpreting, 112
    country breakdowns, 120
    crude oil, 118
    garments, 116
    iron ore, 118
    mechanical and electrical products, 116
processing trade exports/imports, 115
soybeans, 119
steel, 117
total exports, 112-113
total imports, 113-114
news releases, 109
release times, 109
sources, 109
Treasury International Capital, 142
calculating, 143-144
China, 145
frequency, 142
importance, 142-143
interpreting, 145-147
market impact, 147
news releases, 142
release time, 142
revisions, 142
source, 142
U.S. Treasury obligations, 146
U.S. Import Price Index
calculating, 121-122
defined, 121
frequency, 121
importance, 121
interpreting, 122-124
market impact, 124
news releases, 121
release time, 121
revisions, 121
source, 121
transportation (fixed asset investments), 73
Treasury International Capital (TIC) report
calculating, 143-144
defined, 142
frequency, 142
importance, 142-143
interpreting, 145-147
market impact, 147
news release, 142
release time, 142
revisions, 142
source, 142
United Kingdom, 145
twin work meetings, 9

U–V
unemployment report
defined, 158
frequency, 158
importance, 158-159
interpreting, 159-160
market impact, 161
migrant workers, 161
news releases, 158
PMI employment indexes, 160
release time, 158
source, 158
urban household income
calculating, 94-95
defined, 94
frequency, 94, 149
importance, 94, 149-150
interpreting, 95-150, 153
average per capita totals, 96
by region, 99
cash income, 99
disposable income per capita, 96-98
non-private enterprises, 156
private enterprises, 157
regional breakdowns, 154
rural, 100
sector breakdown, 155
wages/salaries, 100
market impact, 100, 157
news releases, 94, 149
real versus nominal wages, 153
release times, 94, 149
source, 94, 149
U.S. Import Price Index
calculating, 121-122
Index

cheap imports, 124
defined, 121
frequency, 121
importance, 122
interpreting, 122-124
market impact, 124
news releases, 121
release time, 121
revisions, 121
source, 121

W
wages. See income
water-bound freight, 39
websites, 13
balance of payments report, 130
bank lending and deposit records, 193
bond market yield curve, 185
central parities, 209
CFILP PMI, 40
Conference Board leading economic indicators, 58
construction, 75
consumer confidence, 101
Consumer Price Index, 169
cubic revenue and expenditure data, 31
fixed asset investments, 67
foreign direct investments, 125
foreign exchange reserves, 136
freight and passenger traffic, 36
Hong Kong banking system yuan deposits, 215
households
income, 94
price expectations, 177
HSBC Markit PMI, 45
INTAGE consumer sentiment survey, 105
investments, 75
labor market supply and demand, 162
Market News International China Business Survey, 48
money supply, 200
NBS leading economic indicators, 53
nonperforming loans, 204
OECD composite leading economic indicators, 62
PBOC, 218
Producer Price Index, 181
real estate prices, 75
retail sales, 89
sales, 75
trade, 109
Treasury International Capital report, 142
U.S. Import Price Index, 121
unemployment, 158
urban wages, 149
Wu, 75
World Trade Organization (WTO), 109
Wu, Professor Harry, 14

X–Y–Z
year-on-year growth
GDP data, 20
industrial value added, 26
yearly data release patterns, 8
January/February, 8
July/August, 9
March/April, 9
May/June, 9
November/December, 10
youth unemployment, 166
yuan
exchange rate, 50
Hong Kong banking system deposits, 215-217
Monetary Policy Report, 219