

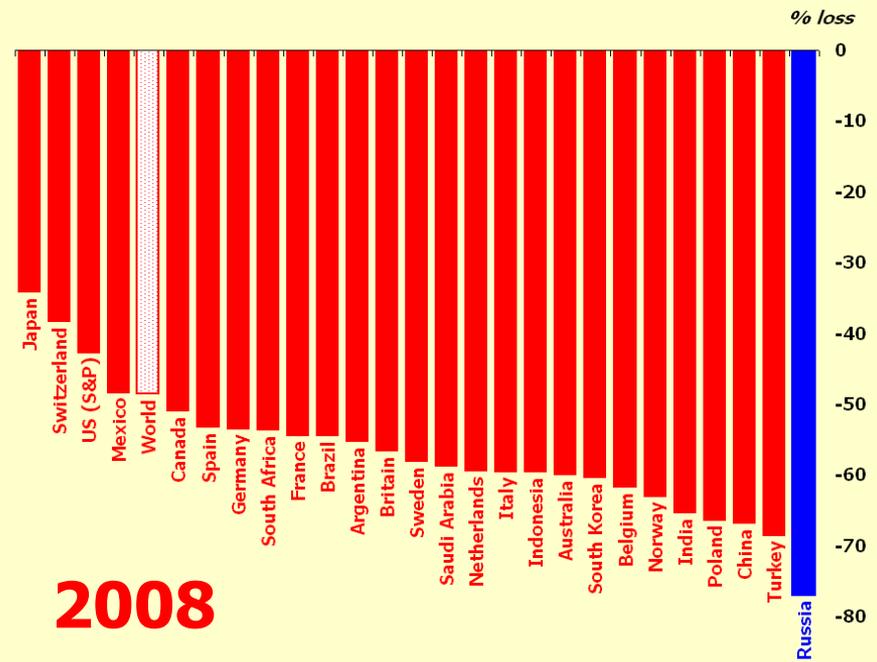


Booms and Busts: Russia and Its Oil, 1970 to 2011 ... and Beyond

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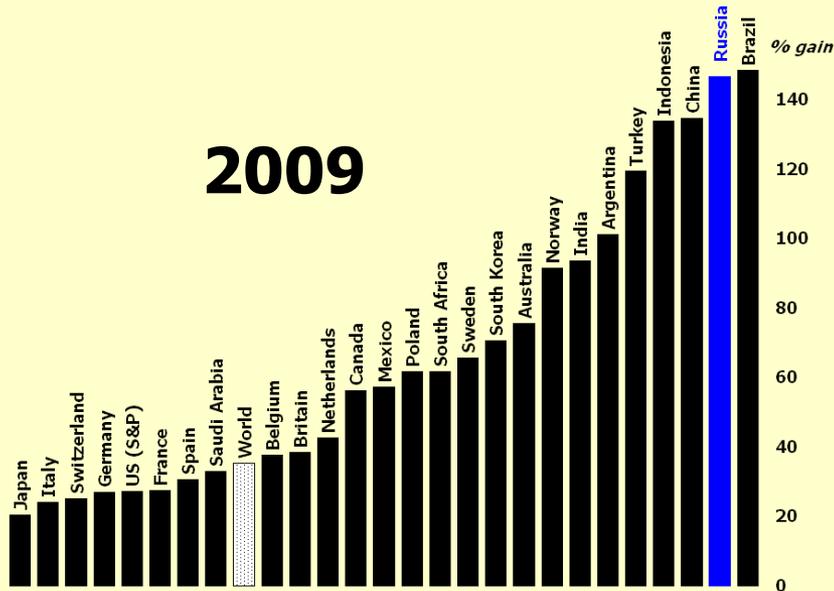
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University of Nevada, Las Vegas
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In 2008 Russia had the worst stock market in the world.



2008

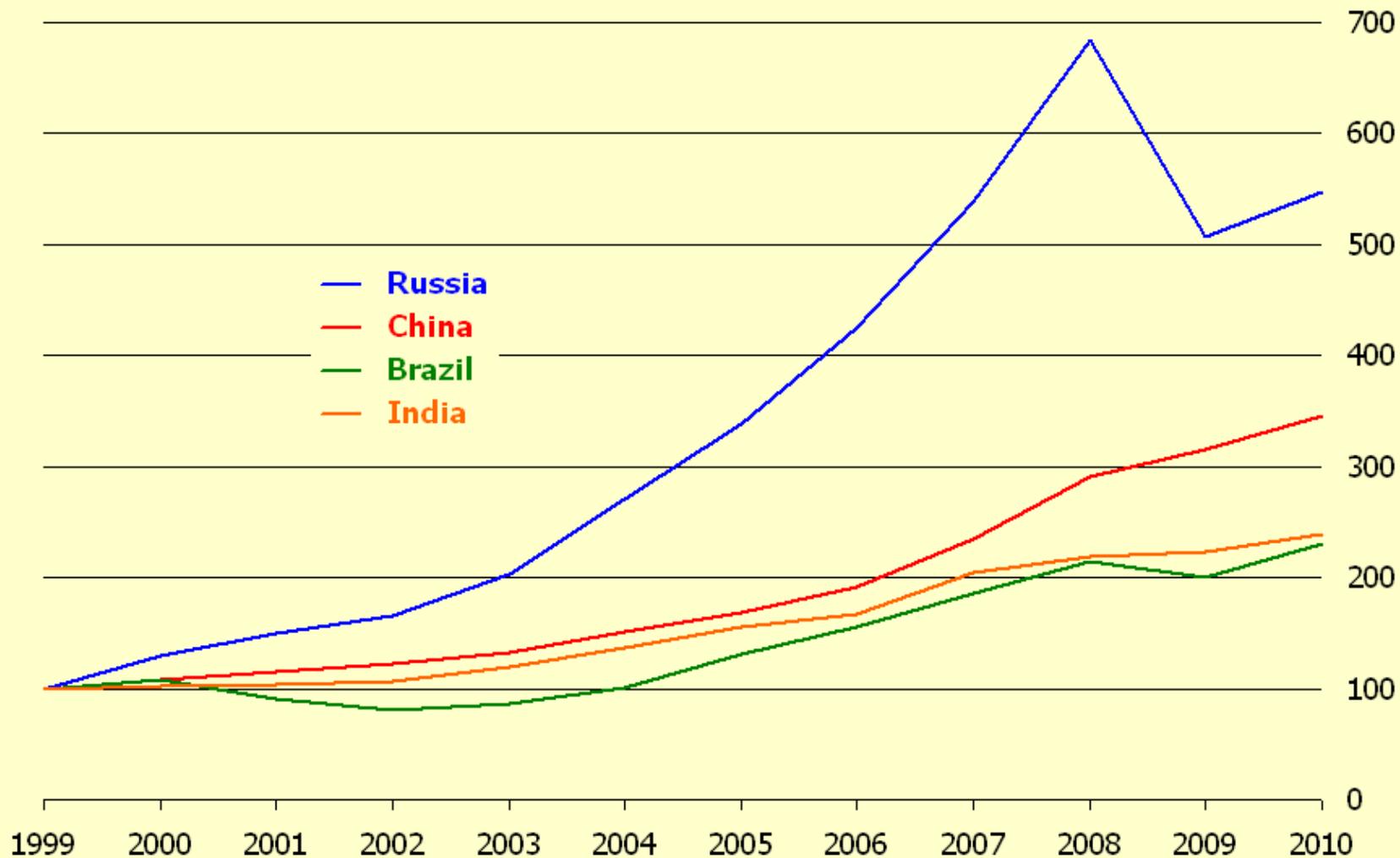
2009



In 2009 it had the second-best stock market in the world.

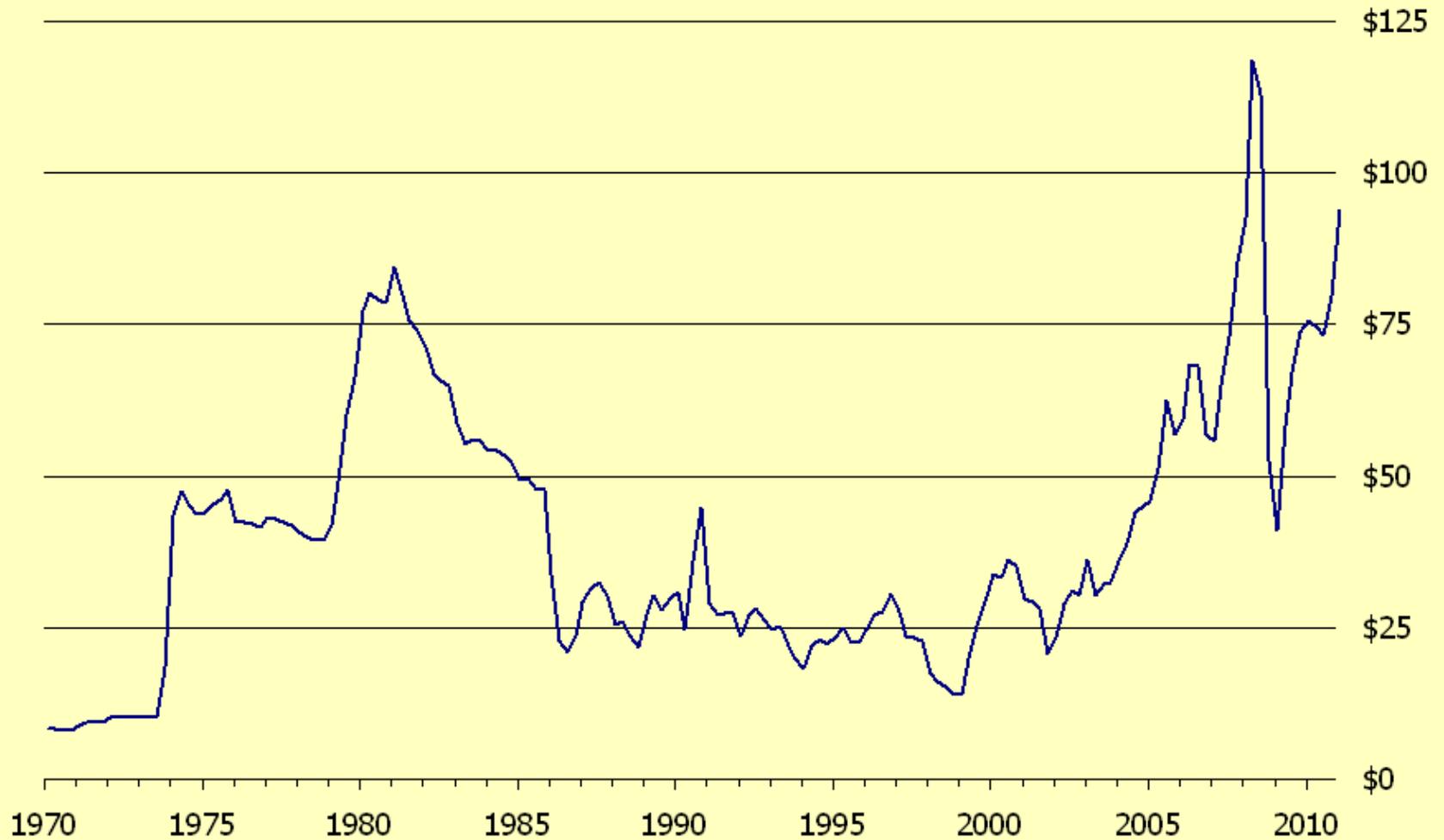
BRIC's GDP Growth 1999-2010

(Growth in US dollars, 1999=100)



World Oil Prices, 1970-2011

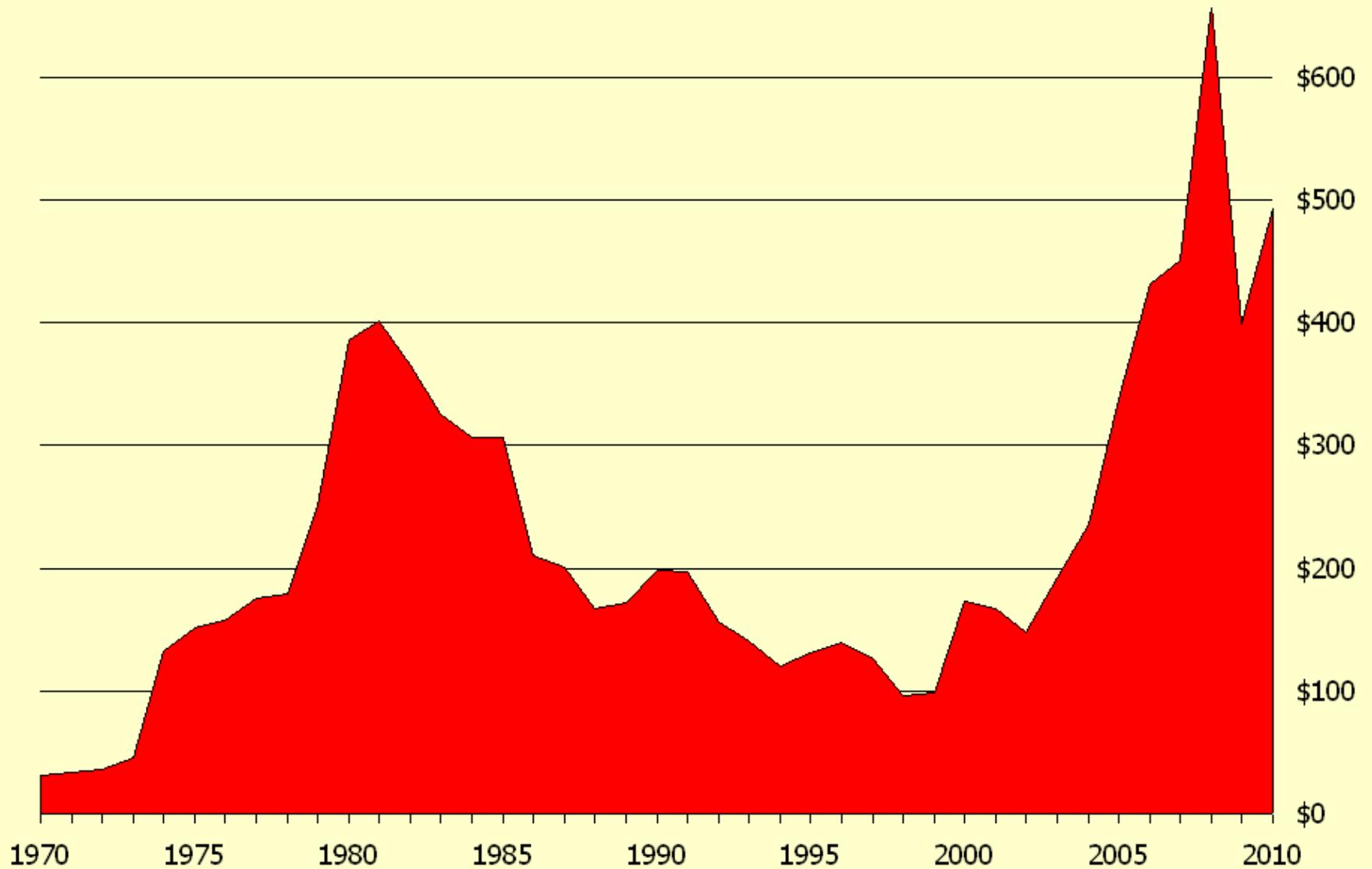
(constant 2010 dollars per barrel, quarterly averages)





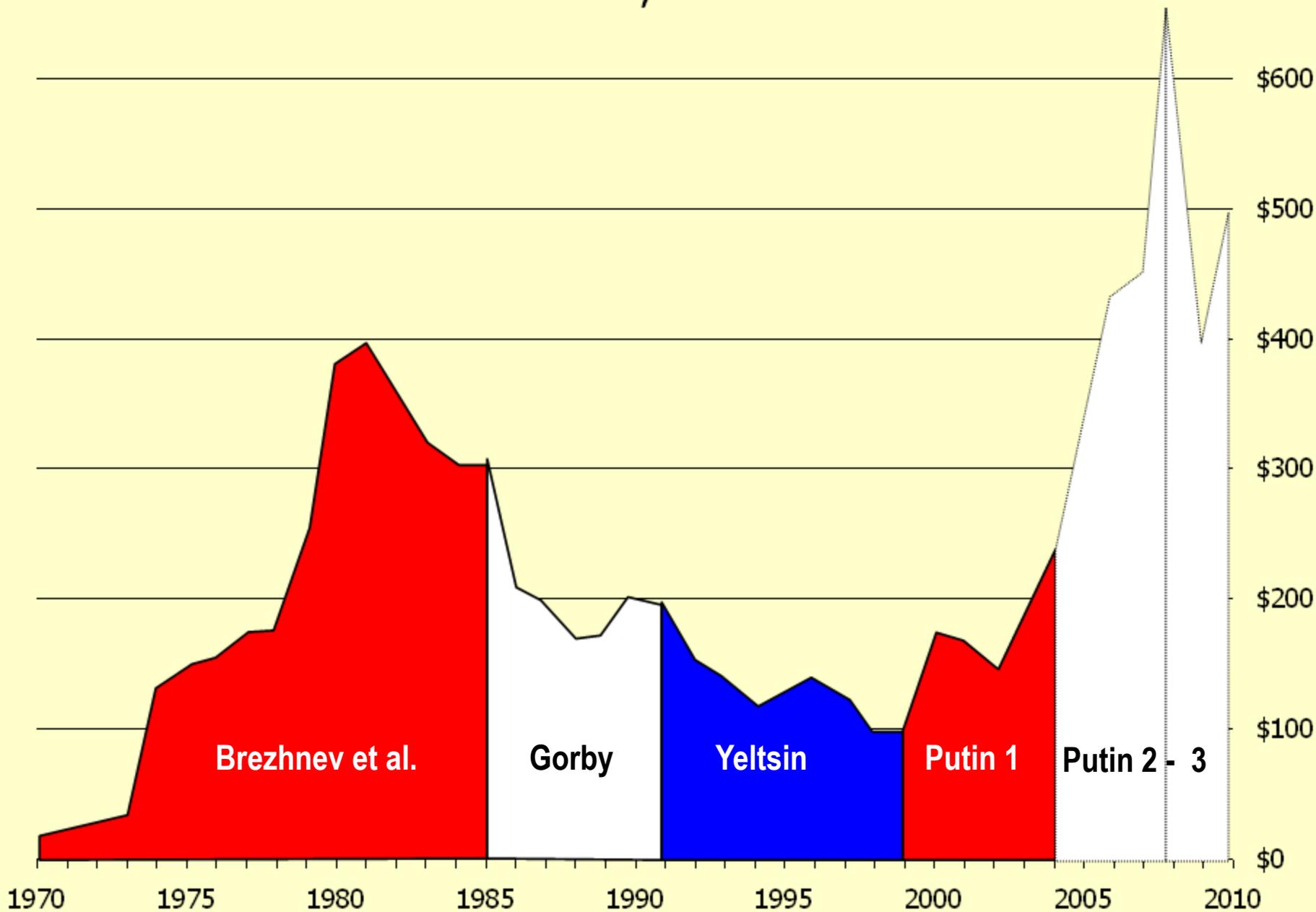
Russian Oil and Gas Value, 1970-2010

*Real (2010)
USD bns/yr*



Russian Oil and Gas Value, 1970-2010

*Real (2010)
USD bns/yr*



- Late Brezhnev era, Gorbachev, Yeltsin, 1981-1999
 - 1) 18 years of shrinking rents.
 - 2) Loss of control of rents.

- Putin era, 2000-
 - 1) New rent explosion.
 - 2) Control of rents regained.

How Did Putin Do It?

- Did NOT re-nationalize Russian economy.
- Putin is not a “crypto-Soviet” leader.
- He knows that market economy is superior.
- Needs private owners, market economy, to make Russia competitive.
- Dilemma: How to harness the private owners and make them work for you.

- Putin inherits “Oligarchic Capitalism” from Yeltsin.
- 1996 - “Loans for Shares” mean oligarchs rule Russia.
- 1996 - Putin arrives in Moscow, a virtual nobody.
- 1997-98 - oligarchs on the brink of mutual destruction.
- 1997-98 - Putin acquires means to save the oligarchs ... and subject them to his System.

The Oligarchs' Problem

- The weapon the oligarchs were stockpiling to use against each other was financial information, financial intelligence.
- This was the potentially most destructive weapon.
- It was “mutually assured destruction” - not between just two or three, but an entire group. And they had already started the war (the “Bankers’ War”).
- Ultimate brinksmanship, “Cuban Missile Crisis.”

Putin's Attitude Toward Oligarchs

The stratum of truly leading entrepreneurs in Russia is "very thin and very precious . . . they are the bearers of capital, of intellect, of technologies."

"The oil men are no less important than the oil; the state has to make the most of them both."

-- Putin aide Vladislav Surkov, summer 2000

A Deal of Mutual Advantage

- For the oligarchs, Putin is their only hope for continued survival and wealth.
- For Putin, the oligarchs represent the mechanism through he can ensure maximum creation of rent and its effective distribution.

Details of the Deal

- Keep property
- Manage with virtually no interference
- Grow the companies
- Get personally richer
- Be protected against expropriation – or worse!
- Pay taxes – in cash, in full
 - Don't try to change tax laws
 - Don't collude with governors
- Share wealth informally
 - “Excess costs” (keep addicts happy)
 - Philanthropy
- Let Putin make strategic decisions (esp. foreign)

Putin's System

- This is real meaning of “Kremlin, Inc.” or “Russia, Inc.”
 - A tiny number of individuals – including private owners – who run entire economy
 - They are in turn controlled [monitored] by a nine-man board of directors: Putin + 2 first deputy prime ministers + six deputy prime ministers.
- Medvedev?
 - Not particularly important?

"The Don"



"The Underboss"



"The Consigliere"



The Key to Putin's System

- In contrast to a classic mafia-style “protection racket” (extortion), Putin offered something the oligarchs desperately needed: protection against each other!
- They were about to mutually self-destruct. He gave them a way out.
- That is why it has been so stable.
- (Lucky Luciano's “National Commission”)

Next steps: Meet priorities for rent use

- Priority 1: sovereignty
- Priority 2: stability

For each:

- Step 1: regain
- Step 2: secure and protect
- Step 3: enhance

Sovereignty: Soviet Lesson for Today's Russia

- USSR did not collapse because defeated militarily
- Collapsed because lost political sovereignty
- Lost political sovereignty when lost financial sovereignty
- Lesson: Restore financial sovereignty!



Achieving Sovereignty

- January 2000
 - \$8.5 billion in foreign exchange reserves
 - \$133 government external debt
- Mid-2008
 - \$600 billion in forex reserves
 - Debt is around \$30 billion
- Key date: January 2005
 - Paid off IMF debt 3.5 years ahead of schedule

"Reversing the Leverage": Russia's Foreign Debt and Reserves

USD Billions



Simplest indicator of sovereignty -
- therefore independence of
foreign policy -- is size of foreign
exchange reserves

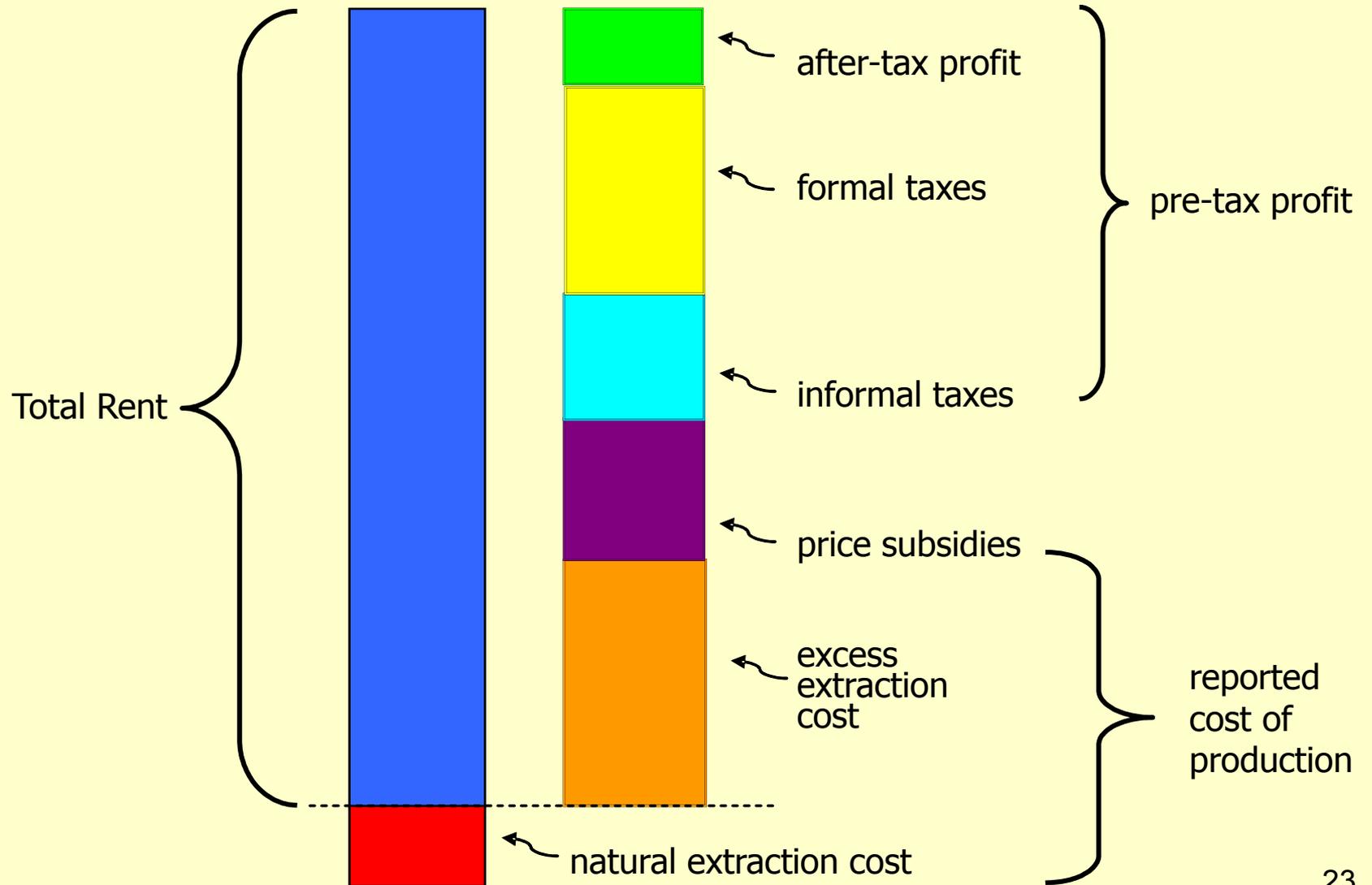
- Although drawn down in crisis, Russia's are still the third largest in the world
- (Only China and Japan bigger)

Stability: Sharing the Rent

- Total value of oil and gas shared in society in different ways
- Main distinction: formal and informal rent-sharing



Rent Sharing



Khodorkovsky

- Founding member of Oligarchs' Club
- Initially, Poster Boy for Putin's Deal
- Later decides there is better way:
 - Transparency
 - Formality
- Khodorkovsky's alternative model unacceptable
- Arrested fall 2003
 - Now in GULAG

For the rest, a pretty good deal:

Consider *Forbes* "Billionaires List"

2000: 4 Russians,
total wealth \$12 billion

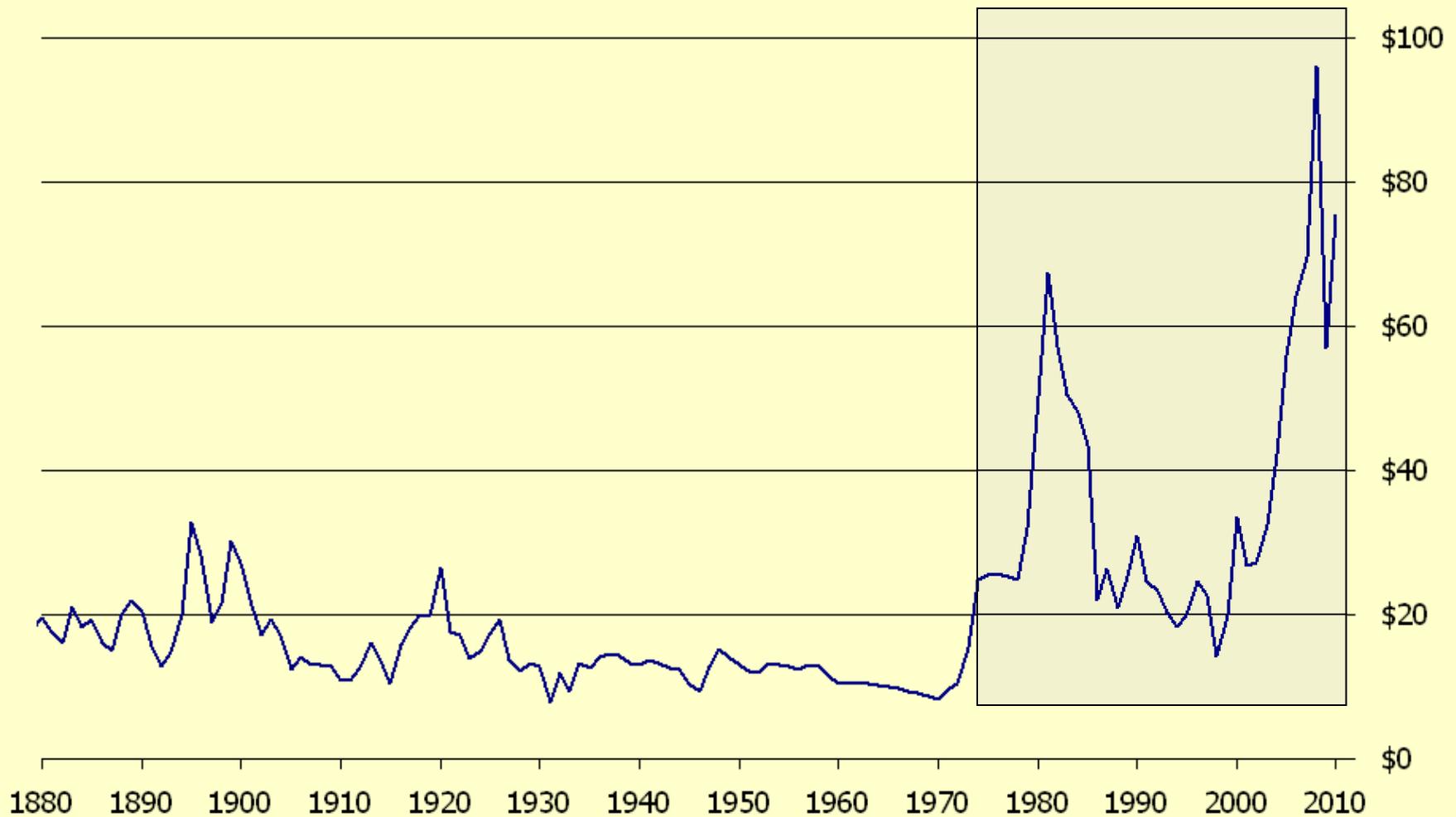
2008: 87 Russians,
total wealth \$470 billion

Most Important Issue for Russia: What Will Future Rents Be?

- Rent = Price x Quantity
- Russia does not control world price
- No one knows the future oil price

The Real World Price of Crude Oil, 1880-2010

(annual average prices in 2010 dollars)



Russia does control quantity, but there are issues:

- Western Siberia - “easy oil” - “legacy oil”
- Eastern Siberia, Far East, Arctic completely different
- No infrastructure
- Much colder, more remote (“Siberian Curse” thesis)

Running out of oil?

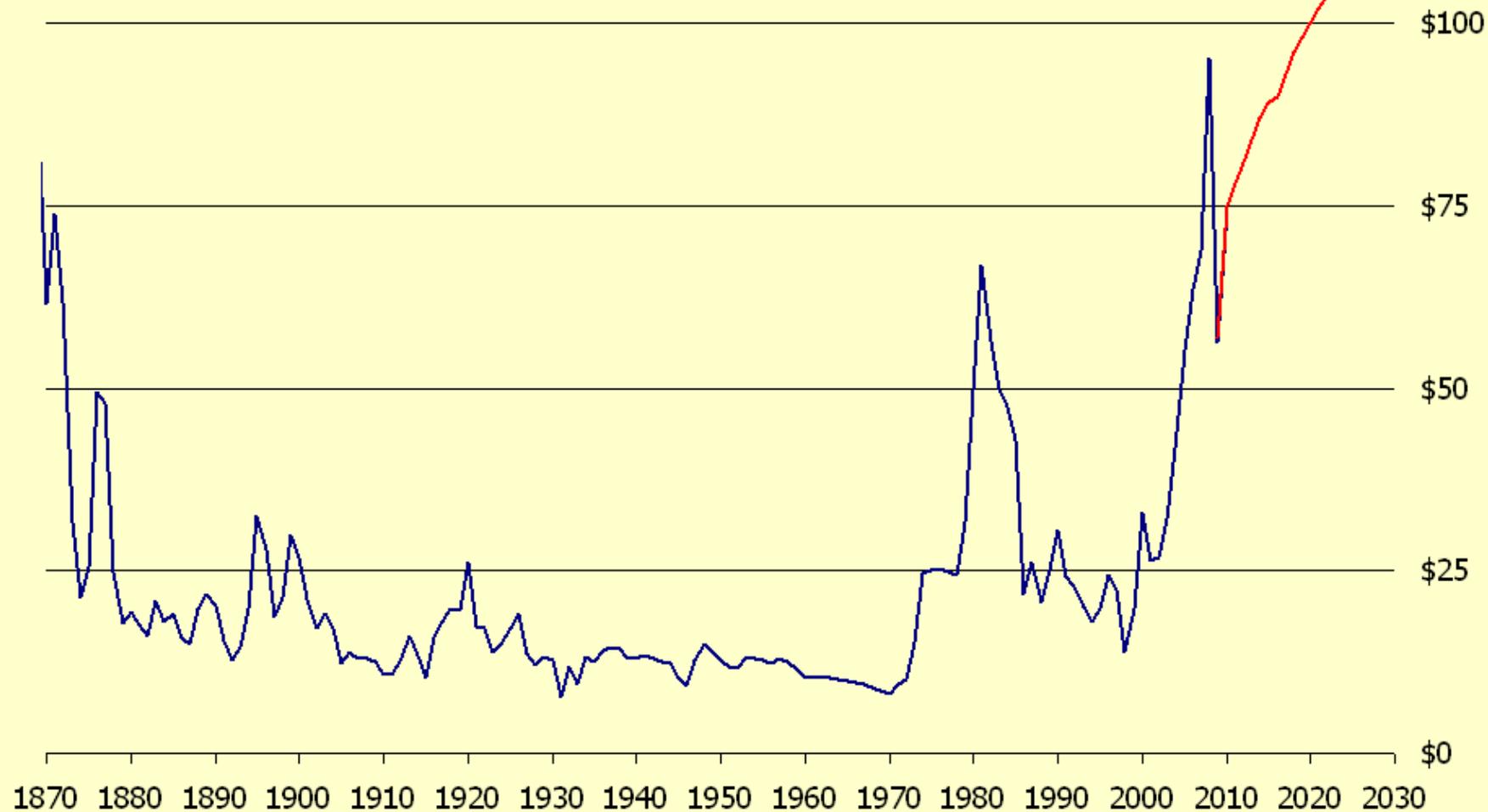
“Yes” and “No”

- YES: Definitely running out of “legacy oil”
- NO: Actual amount of oil in East could be huge. No one yet knows.

But if believe main price forecasts,
not a bad future for Russia

The Real World Price of Crude Oil, 1870-2030

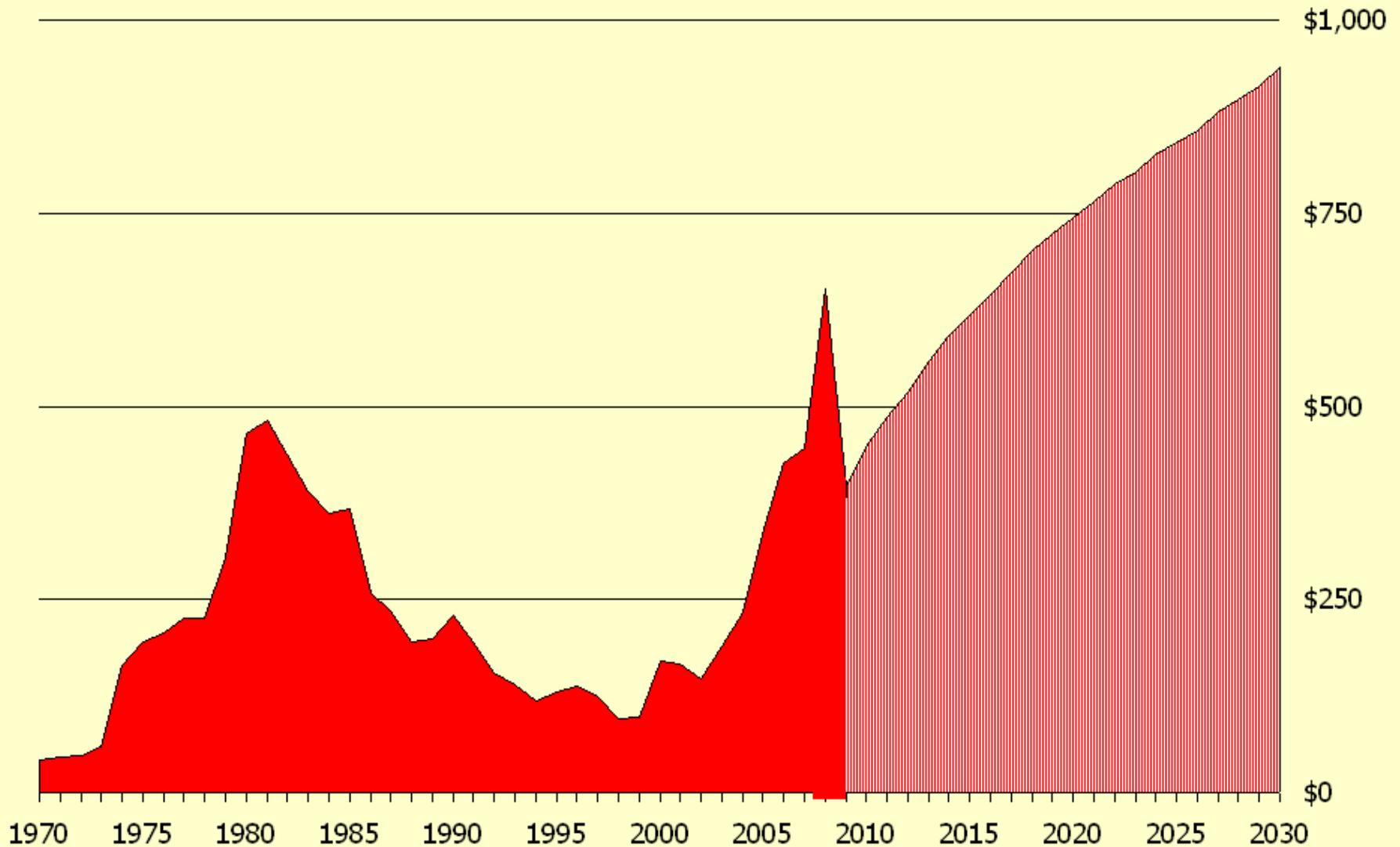
(annual average prices in 2010 dollars;
historical prices 1870-2010, IEA forecasts 2011-2030)



Soviet/Russian Oil and Gas Rents, 1970-2030

(Billions of 2009 dollars)

USD bns/year



Implications for international behavior:
Bad news for those who think economic crisis will make Russia docile again (“Good Russia” of Yeltsin era)

- Fundamental economic health is NOT a prerequisite for Russia’s “assertiveness” or even “aggressiveness.”
- Only need political sovereignty
- Putin achieved that
- **He will not sacrifice sovereignty**

Selected National Stock Markets, January 2000-present

Current (April 15, 2011) dollar value
of \$100 invested in January 2000

