JAPAN AND THE GROWTH OF THE WORLD ECONOMY

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THREE MAJOR TRENDS IN THE WORLD ECONOMY

CHINA OVERTAKES THE U.S.:

The U.S. Has Been the World's Leading Economy for a Century

WORLD ECONOMIC GROWTH ACCELERATES: Mainly Due to China with a Contribution from India

THE NEW WORLD ORDER IN 2020: China, U.S., India, Japan, Germany, Russia, Brazil

GROWTH OF THE WORLD ECONOMY

THE SOURCES OF ECONOMIC GROWTH:

Capital Input, Labor Input, and Productivity

CAPITAL INPUT GROWTH:

Information and Non-Information Technology

LABOR INPUT GROWTH:

Hours Worked and Labor Quality

TOTAL FACTOR PRODUCTIVITY

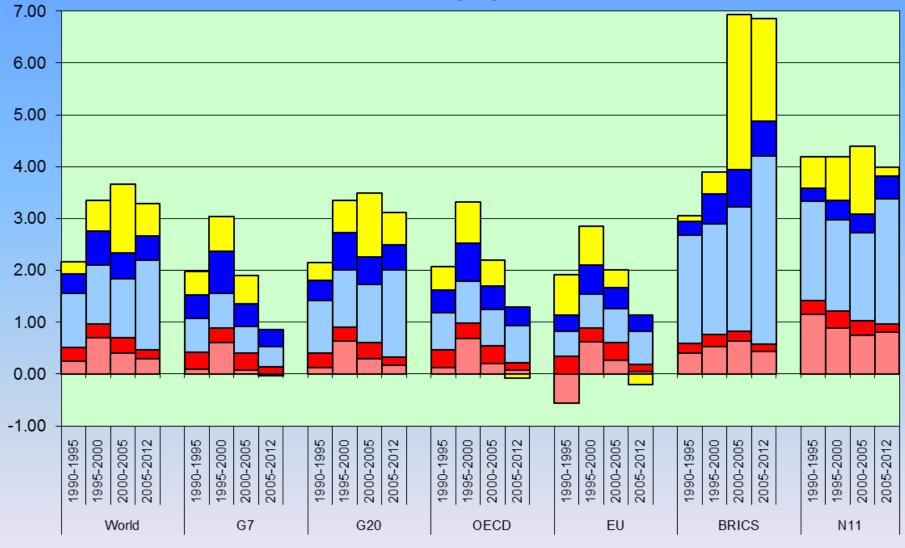
Output per Unit of Input

Sources of Japanese Economic Growth



Sources of World Economic Growth

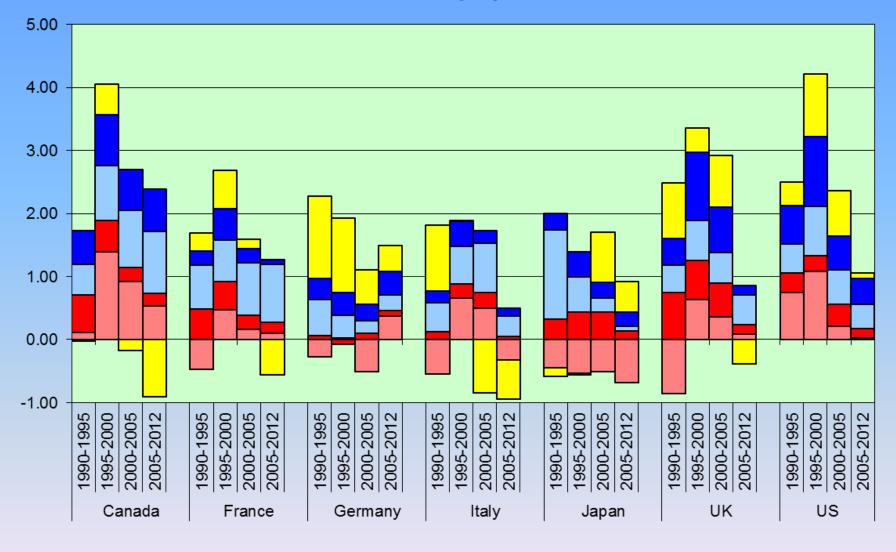
Annual percentage growth rates



■Hours ■Quality ■Non-IT Capital ■IT Capital ■TFP

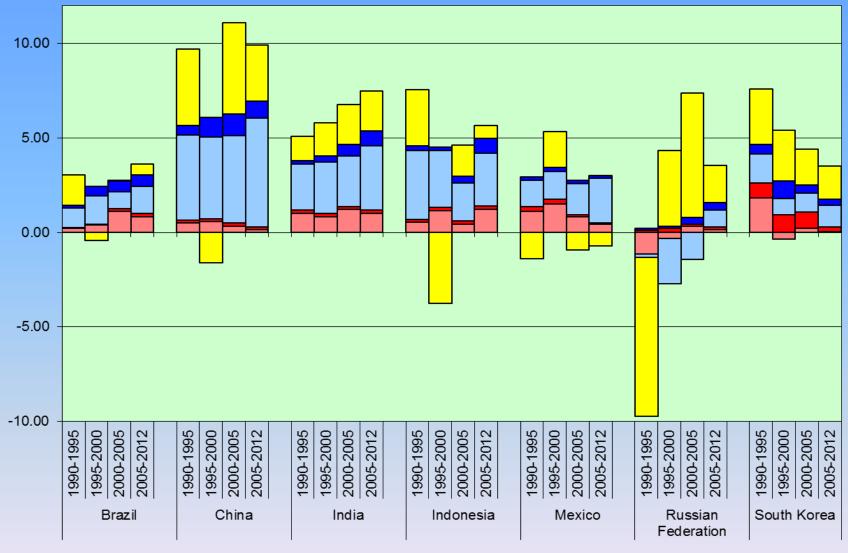
Sources of G7 Economic Growth

Annual percentage growth rates



■Hours ■Quality ■Non-IT Capital ■IT Capital ■TFP

Sources of BRICS Economic Growth



PROJECTING GROWTH OF THE WORLD ECONOMY

DEMOGRAPHICS:

Hours Worked from Labor Force Projections; Labor Quality from Educational Attainment

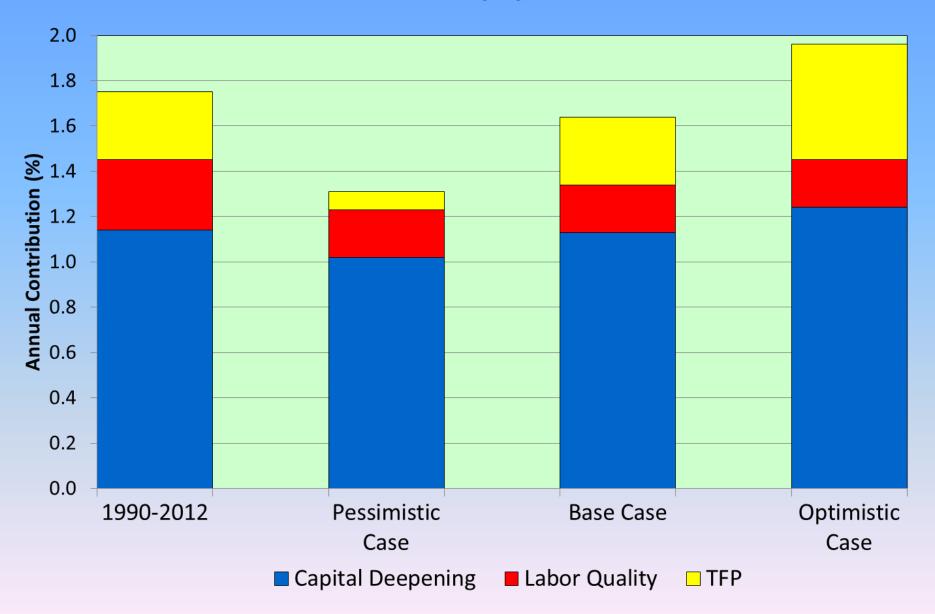
LABOR PRODUCTIVITY:

Growth of TFP, Capital and Labor Quality, and the Gap between Output and Capital

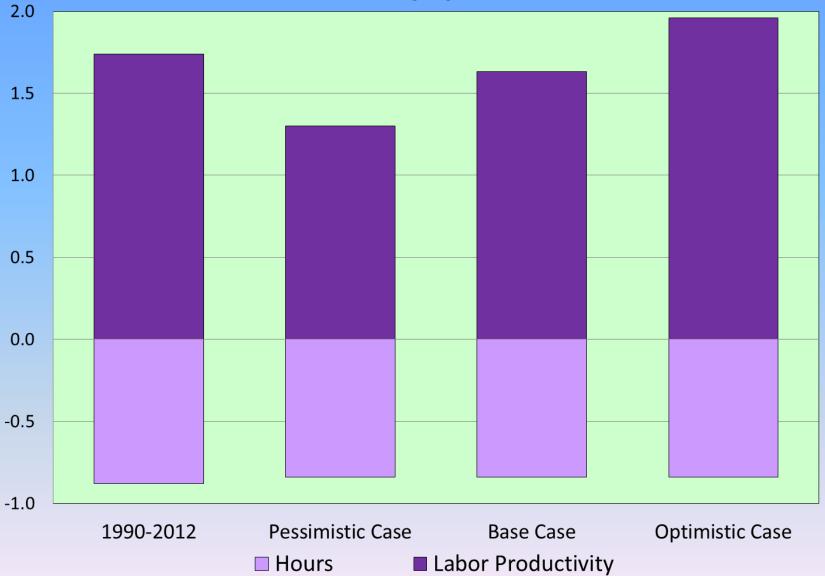
GDP GROWTH:

Sum of the Growth of Hours Worked and Labor Productivity

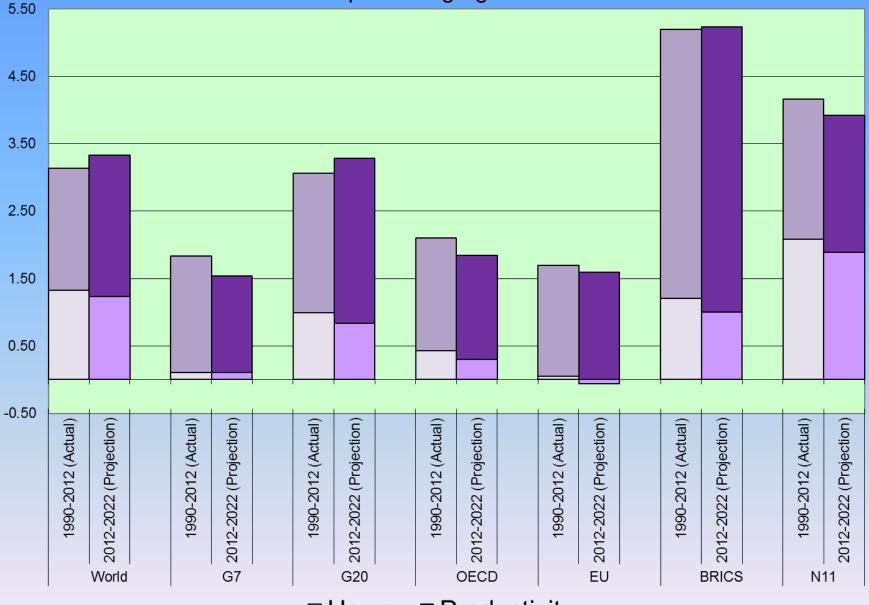
Labor Productivity Projections for Japan, 2012-2022



Growth Projections for Japan, 2012-2022

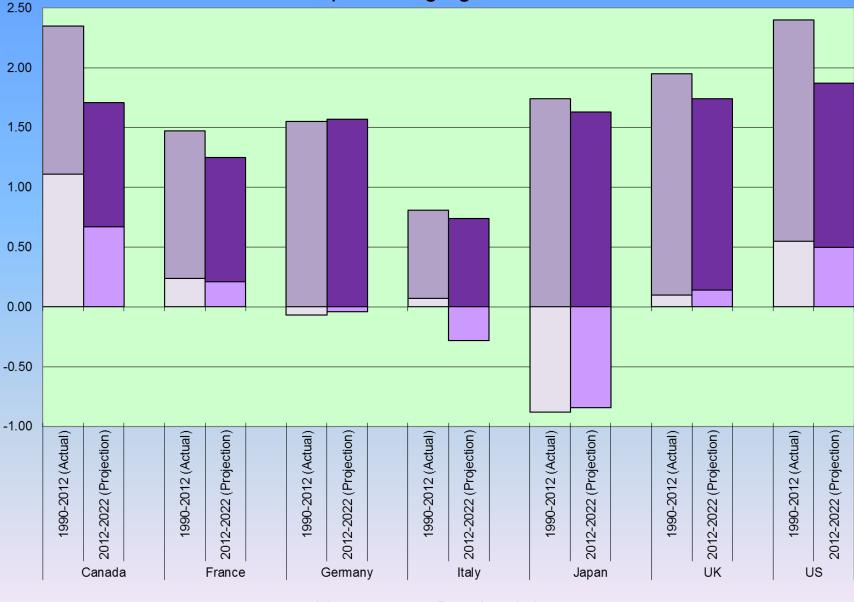


Growth Projections for the World Economy Annual percentage growth rates



Productivity Hours

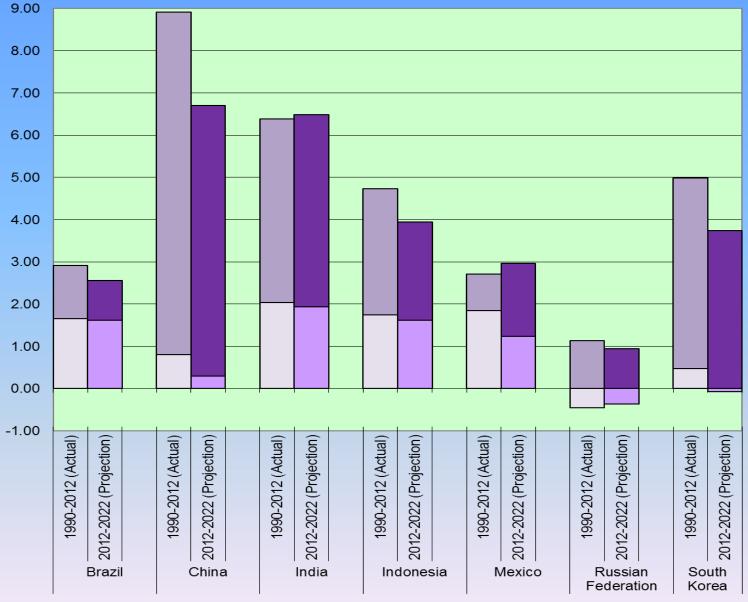
Growth Projections for the G7 Economy Annual percentage growth rates



■ Hours

Productivity

Growth Projections for the BRICS Economy Annual percentage growth rates

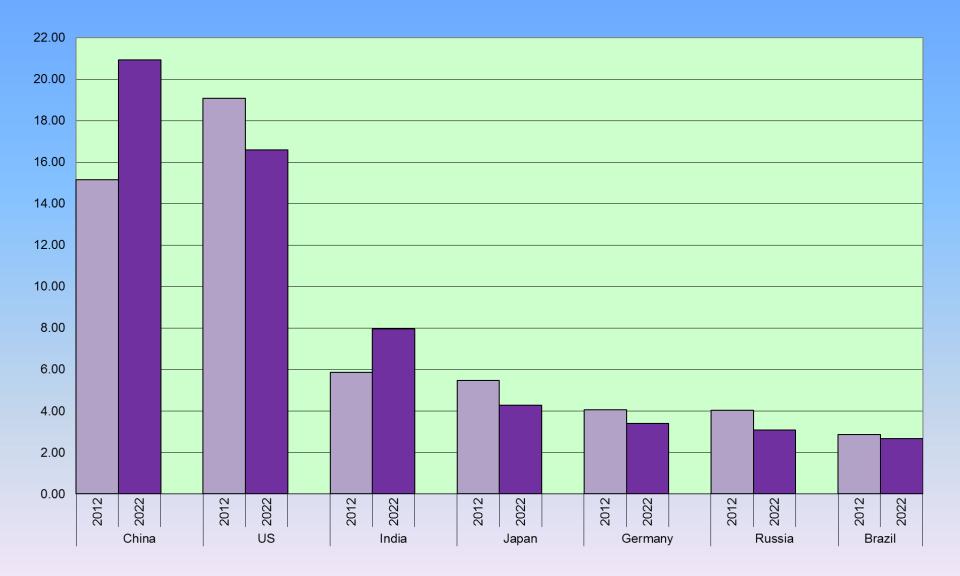


Hours

Productivity

New Economic Order 2022

Percentage shares of world GDP



JAPAN ANDTHE GROWTH OF THE WORLD ECONOMY

RESEARCH ON ECONOMIC GROWTH: Growth of Input Greatly Exceeds TFP Growth; Most Growth is Replication Not Innovation

THE ASIAN MODEL OF ECONOMIC GROWTH: The Special Sauce Is Globalization and the Accumulation of Human and Nonhuman Capital

OFFICIAL STATISTICS:

Growth Is Now Included in Our National Accounts; This Involves a New Architecture for the Accounts