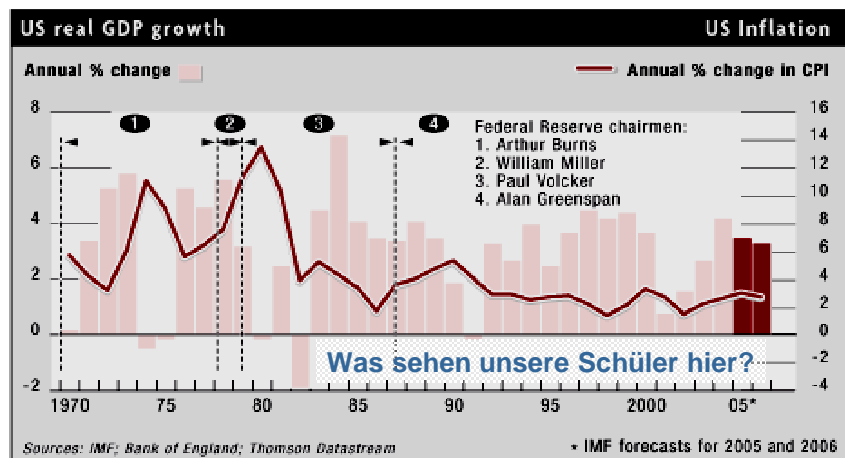


Vorgefertigte Grafiken



Quelle ©: J. Bradford DeLong
University of California at Berkeley and NBER

Vorgefertigte Grafiken



Sources: IMF; Bank of England; Thomson Datastream

• IMF forecasts for 2005 and 2006

Vorgefertigte Grafiken

• Schüler

- Lesen die Diagrammtitel nicht
- Lesen die Achsenbeschriftungen nicht
- Lassen sich leicht verwirren
 - 2 Y-Achsen
 - Kombination von Balken- und Liniendiagramm
- Nehmen Wirkungszusammenhänge an
- Hinterfragen nicht

Beurteilung von Statistiken/Grafiken

• Strukturierter Zugang nötig (→ „Tool Box 6“)

- Inhalt
 - Thema, Zeit/Raum, Ersteller/Auftraggeber
- Form
 - Beziehung, Basis, Berechnung, absolut/relativ
- Aussagen
 - Welche Aussagen?
 - Welche Aussagen nicht?!

Eigene Statistiken/Grafiken

- Eigene Feldforschung?
 - Im Rahmen der Schule meist eher nicht
- Datenquelle
 - exakt vorgeben?
 - im VWL-Unterricht eher nicht
 - selbst suchen lassen?
 - entspricht Bildungsziel & Lehrplan

Wo sind die Daten?!

- Schüler stehen vor doppelter Aufgabe
 - Suche der Daten
 - Google?
 - Wikipedia?
 - Informationsflut im Internet
 - Geeignete Darstellung
 - Entsprechende Kenntnisse bestehen (meist)
 - (bewusste) Querverbindung zu IOM/WINF fehlt

Wo sind die Daten?!

- Schüler benötigen gewisse Vorgaben
 - Int. Organisation betreffend Datenquelle
 - Homepage von IMF, World Bank, UNDP, OECD,...
 - Datensätze
 - Wirtschaftswachstum, Arbeitslosigkeit, Inflation, etc.
 - ein wenig Spielraum ermöglicht Diskussion

Auswahl geeigneter Datenquellen

- IMF (→ www.imf.org)
 - World Economic Outlook
 - Download von Excel-Daten
 - Voller Datensatz oder Auswahl (Land/Region)
 - IMF-Data Mapper
 - Interaktiv
 - Länder / Regionen miteinander vergleichbar

IMF - Data and Statistics

IMF - Data and Statistics

IMF - Data and Statistics

IMF - World Economic Outlook

Year	Subject	Unit	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2007	World	Real GDP growth	5.9%	7.1%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%
2008	World	Real GDP growth	1.1%	0.1%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%	-1.6%
2009	World	Real GDP growth	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%	-1.8%
2010	World	Real GDP growth	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%
2011	World	Real GDP growth	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%
2012	World	Real GDP growth	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%
2013	World	Real GDP growth	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%	1.9%
2014	World	Real GDP growth	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%	3.7%
2015	World	Real GDP growth	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%
2016	World	Real GDP growth	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
2017	World	Real GDP growth	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
2018	World	Real GDP growth	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%
2019	World	Real GDP growth	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%
2020	World	Real GDP growth	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%	-3.0%
2021	World	Real GDP growth	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%	5.9%
2022	World	Real GDP growth	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

IMF - Data Mapper



IMF - Data Mapper



IMF - Data Mapper



Auswahl geeigneter Datenquellen

- Weltbank (→ www.worldbank.org)
 - Statistische Informationen
 - Wichtigste Eckdaten leicht auffindbar, Excel
 - Regionen / einzelne Länder
 - Online Atlas der Millennium Development Goals (MDGs)
 - Interaktive, zoombare Landkarte
 - betreffend 8 MDGs (zB Armut, Unterernährung)

World Bank

The screenshot shows the World Bank's 'Data & Statistics' page. The main heading is 'Key Development Data & Statistics'. Below this, there is a table of indicators for the 'European Monetary Union' for the year 2008. The table includes the following data:

Country	Year	Latest data
GDP (current US\$) (billions)	2008	12,555.5
GNI per capita, Atlas method (current US\$)	2008	38,821
External debt stocks (% of GNI)	---	---
Life expectancy at birth, total (years)	2007	80
Population, total (millions)	2008	325.9
Population growth (annual %)	2009	0.2
School enrollment, primary (1st net)	---	---
Surface area (sq. km) (thousands)	2008	2,505.2

Weltbank - Atlas der MDGs

The screenshot shows the 'Building A Better World' section of the World Bank Atlas der MDGs. It features a world map and a list of the Millennium Development Goals:

- 1 Eradicating poverty and hunger
- 2 Achieving universal primary education
- 3 Promoting gender equality
- 4 Reducing child mortality
- 5 Improving maternal health

<http://devdata.worldbank.org/atlas-mdg/>

Weltbank - die 8 MDGs

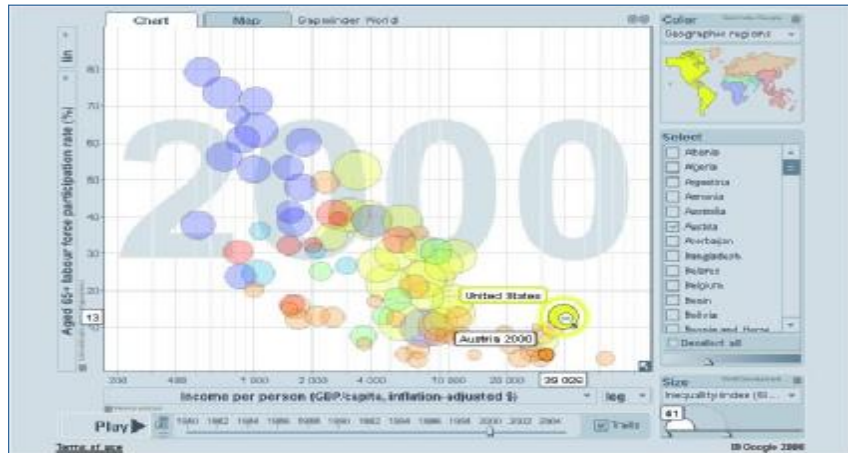
- 1 Eradicating poverty and hunger
- 2 Achieving universal primary education
- 3 Promoting gender equality
- 4 Reducing child mortality
- 5 Improving maternal health
- 6 Combating disease
- 7 Ensuring environmental sustainability
- 8 Developing a global partnership

Weltbank - Atlas der MDGs

The screenshot shows the 'EXTREME POVERTY' section of the World Bank Atlas der MDGs. It features a world map with a legend indicating the share of the population living on less than \$1.25 a day, estimated and extrapolated to 2009. The legend categories are:

- 10.0% or more
- 25.0-49.9%
- 10.0-24.9%
- 2.0-9.9%
- less than 0.8%
- no data

Gapminder



Gapminder

