3543 Fiscal and Financial System in Japan A / KC3002 International Finance Fall 2012

Lecture 2 National Income Accounting / Balance of Payments

> Hideyuki IWAMURA Faculty of International Studies

M meiji gakuin university







- 1. How many goods and services are produced?
- 2. How are the goods and services used?
- 3. How are the values created allocated among the contributors to the production?











Part of the goods are left unsold, no money is spent on them.

Adding up the market value of all the expenditures does not equal with GDP?

The producer is assumed to have "purchased" those goods for <u>inventory</u> to be sold later, and thus this "pseudo-expenditure" is included in investment.

Question: What about the sales out of inventory in later years?











I-S	Balance i	n Eurozo	one
Year	S-I	G-T	CA
1995	6.0	5.4	0.6
1996	5.3	4.3	1.0
1997	5.0	2.5	1.5
1998	2.6	1.6	1.0
1999	1.0	0.8	0.2
Source: OECD E tables 27, 30, a From Krugma	conomic Outlook 6 nd 52 (with investr an, Obstfeld, and	8 (December 20 nent calculated d Melitz (2013	000), annex as the residual). 1), p.335.







Balance of Payments Accounts

A country's balance of payments accounts keep track of its international transactions of goods, services, and assets in a given time period.

A country's balance of payments has three components:

- the current account, which records (1) exports and imports of goods and services, (2) international receipts and payments of income
- ✓ the financial account, which records sales of assets to foreigners and purchases of assets located abroad
- ✓ the capital account, which records capital transfers such as debt forgiveness and migrants' transfers.

	Credits	Debits	Net Balance
(1)Current Account			
(2)Financial Account			
(3)Capital Account			
(4)Changes in			
Reserve Assets			
(5)Errors and			
Omissions			

Credits and Debits

Exports enter with a plus (as a credit), and <u>imports</u> with a minus (as a debit).

<u>Reductions in foreign assets / increases in foreign liabilities</u> enter with a plus (as a credit), and <u>increases in foreign assets</u> / reductions in foreign liabilities with a minus (as a debit).

Transfers of goods/services by migrants leaving a country and debt forgiveness by foreigners enter with a plus, and transfers by migrants entering a country and debt forgiveness to foreigners with a minus.

(Generally small in the advanced countries' accounts.)

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Double-entry Bookkeeping

Every international transaction automatically enters the balance of payments twice: once as a credit (+) and once as a debit (-), on both sides of the account.

Examples of Paired Transactions 1

A French friend of yours comes to visit you in Yokohama and (a)stays at the Hotel New Grand. (b)He pays 25,000 yen for his lodging with his French VISA card.

- (a) Japan exports a service, a plus in the current account.
- (b) Japan imports French assets, <u>a minus in the financial</u> <u>account</u>.









NIIP, US dollars	s, millions, 2011		
Argentina	51,784.4	India	-206,232.6
Brazil	-735,291.4	Japan	3,255,405.3
Canada	-209,733.9	Korea	-97,121.0
China	1,774,746.2	Mexico	-330,094.5
Euro Area	-1,404,095.0	Russia	137,956.5
France	-410,502.7	Singapore	674,047.8
Germany	1,202,219.4	Turkey	-321,246.3
Italy	-445,734.3	UK	-303,711.2
Netherlands	321,536.7	US	-4,030,230.0
Spain	-1,279,744.7		

NIIP, percent of	GDP, 2011		
Argentina	12.04	India	-12.40
Brazil	-32.99	Japan	54.02
Canada	-12.46	Korea	-9.04
China	23.71	Mexico	-32.20
Euro Area	-11.52	Russia	7.98
France	-15.90	Singapore	268.25
Germany	36.19	Turkey	-46.97
Italy	-21.79	UK	-12.96
Netherlands	41.25	US	-26.73
Spain	-92.45		















Financial Account

- Official Reserve Assets → Official Reserve Account
- All Other Assets \rightarrow Non-Reserve Portion of the FA
- ✓ Decreases in reserve assets by the domestic central bank are a credit (+).
- ✓ Increases in reserve assets by the domestic central bank are a debit (-).

Notice that official reserve account is in deficit when the central bank has increased the reserve assets.



Ministry of Finance				(単位:億円,% (¥100 million,%	
項目	平成23年度 2011F.Y.	前年度 2010F.Y.	対前年度比増減 Changes from previous year	Item	
貿易・サービス収支 (対前年度比)	- 53,020 (-)	52,225 (9.2)	- 105,246	Goods & Services (year-on-year changes)	
貿易収支 (^{対前年度比)}	- 34,495 (-)	64,955 (- 1.6)	- 99,450	Trade balance (year-on-year changes)	
輸 出 (対前年度比)	626,272 (- 2.8)	644,513 (16.0)	- 18,240	Exports ⟨year-on-year change∳	
輸 入 (対前年度比)	660,767 (14.0)	579,557 (18.4)	81,210	Imports (year-on-year changes)	
サービス収支	- 18,525	- 12,730	- 5,795	Services	
所得収支	142,883	126,117	16,766	Income	
経常移転収支	- 10,929	- 11,749	820	Current transfers	
隆 常 収 支	78,934	166,593	- 87,659	Current Account	
(対前年度比)	(- 52.6)	(2.0)		(year-on-year changes)	

Japan's BOP for 2011 (cont.)				
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投資収支	75,819	- 92,416	168,235	Financial Account
直接投資	- 102,997	- 52,140	- 50,858	Direct investment
証券投資	57,207	- 71,170	128,377	Portfolio investment
(証券貸借取引を除く)	(54,780)	(- 79,656)	(134,436)	(Excl. securities lending)
金融派生商品	14,045	6,701	7,345	Financial derivatives
その他 投 資	107,564	24,193	83,371	Other investment
(証券貸借取引を除く)	(109,947)	(32,646)	(77,301)	(Excl. securities lending)
その他資本収支	2,468	- 4,804	7,272	Capital Account
資本収支	78,287	- 97,220	175,507	Capital & Financial Account
外貨準備増(-)減	- 114,939	- 52,035	- 62,904	Changes in Reserve Assets
誤 差 脱 漏	- 42,282	- 17,337	- 24,945	Errors & Omissions

