



STATISTICS

Government Finance Statistics

JUNE 07, 2023

STA GO

Outline

**Introduction –
Fiscal Cycle - GFS**

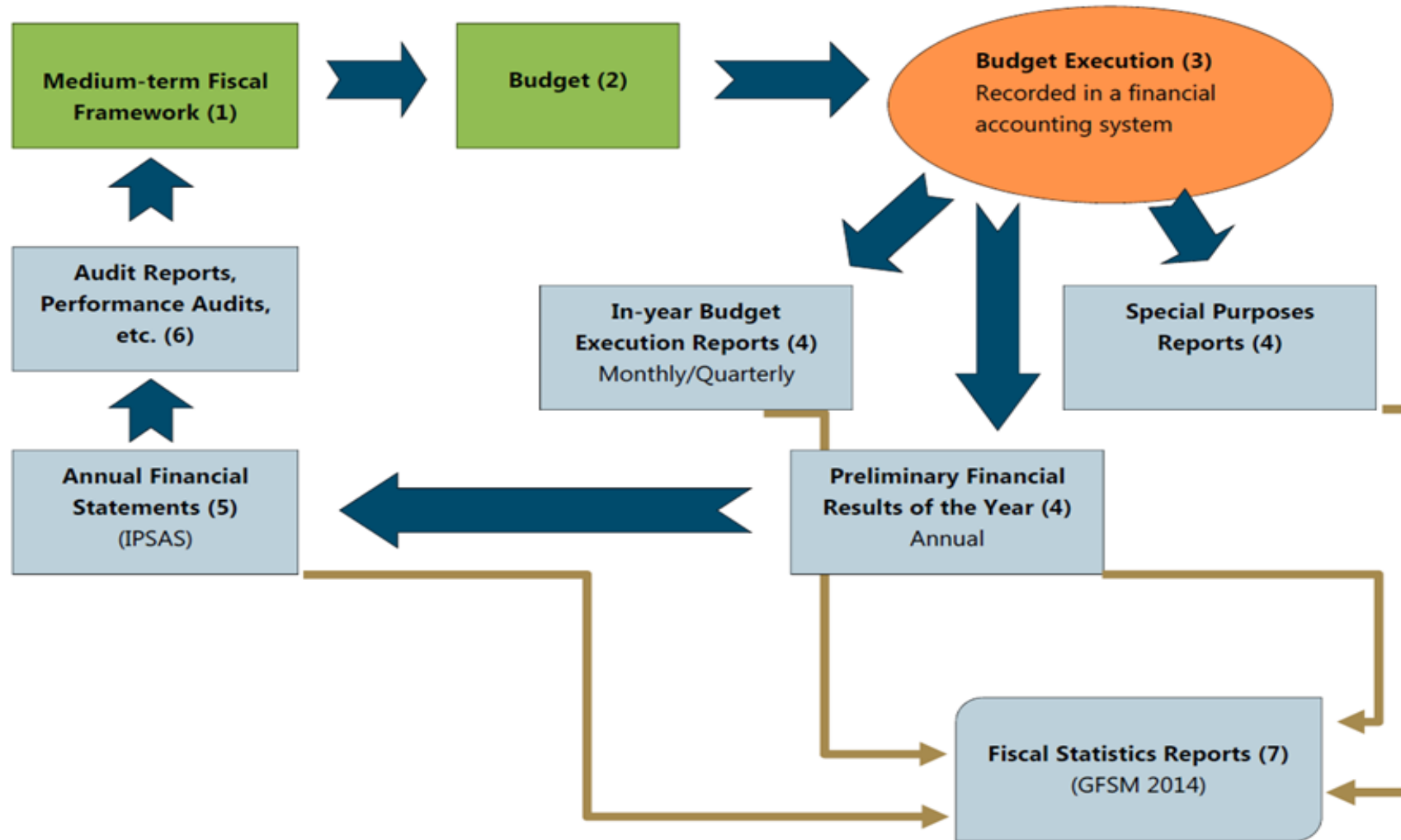
**GFSM 2014
Framework**

**GFS: Integration
of Budget and
Accounting.**

Ecuador Case

Introduction – Fiscal Cycle - GFS

Fiscal Cycle



GFSM Analytical needs

Supports fiscal analysis

- Analyze the financial and economic impact of fiscal policy options
- **Assess the impact on other sectors of the economy (Aggregation vs Consolidation)**
- Assess **Fiscal Sustainability** over the long term
- Evaluate **liquidity constraints** and **financing needs**

GFSM allows international and national comparability

Powerful tool for the macroeconomic analyses using **CASH and Accrual**

Complementary objectives IPSAS – GFSM

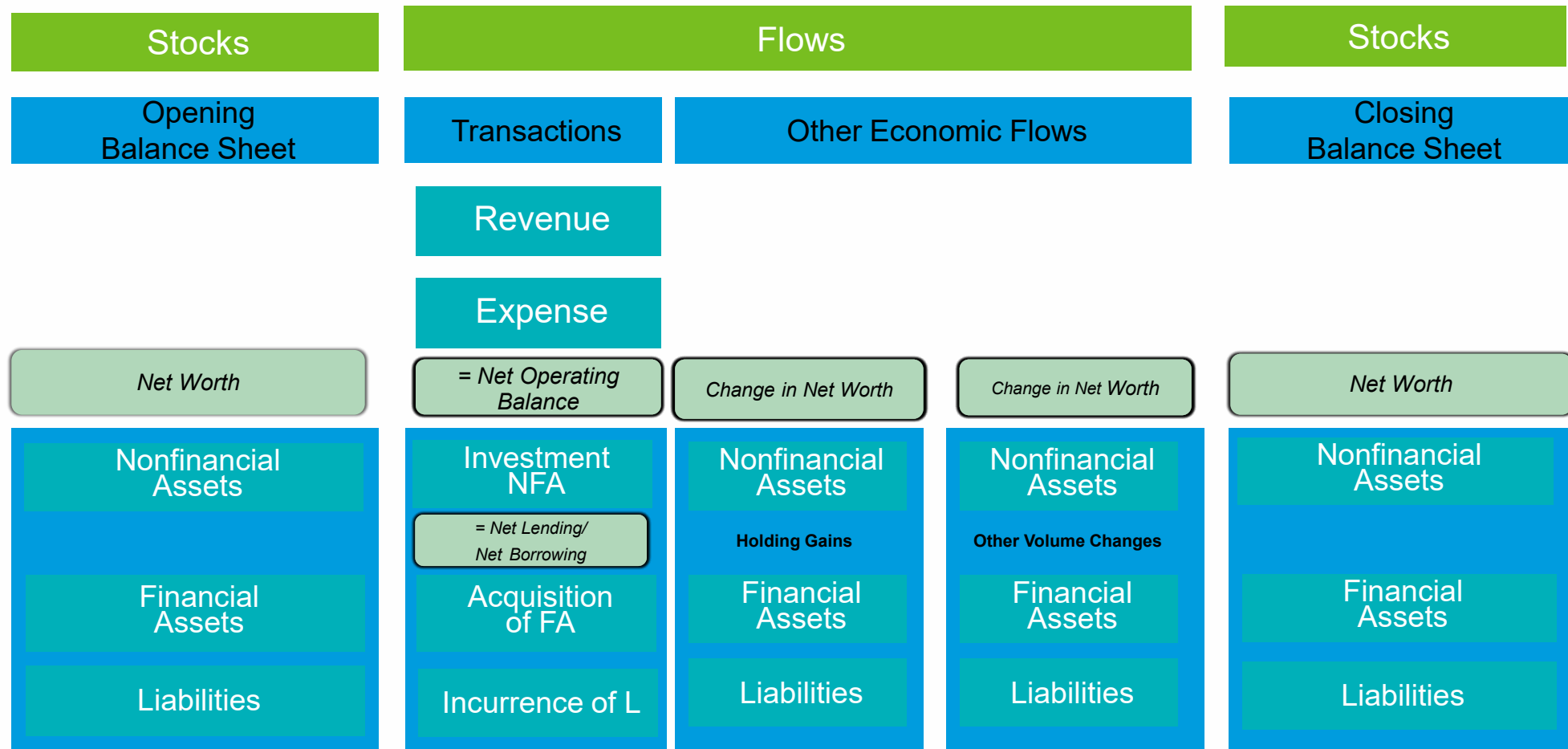
Implementation of accrual is difficult ...

...but the complementarity between the two systems in fiscal objectives and reports and accounting standards facilitate migration to accrual accounting.

GFSM 2014 Framework

The GFSM Framework Overview

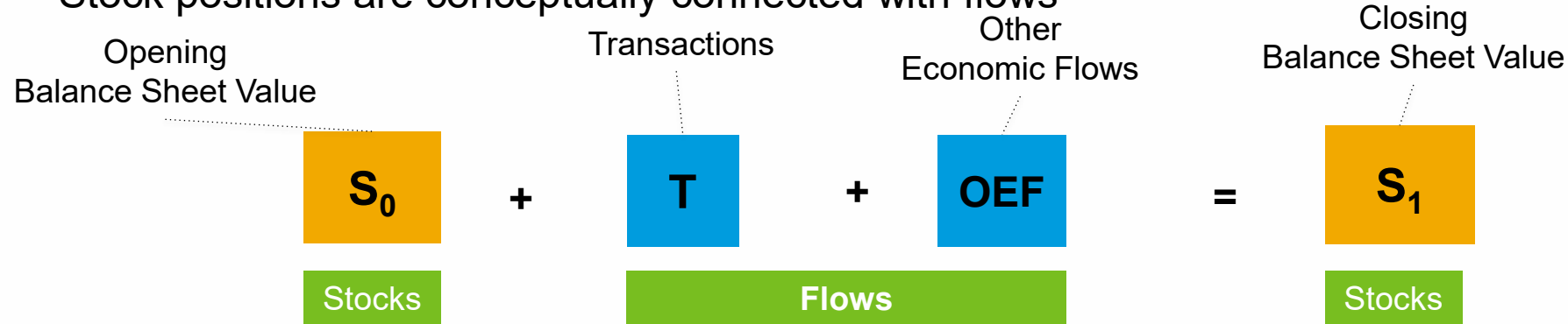
Schematic Presentation



The GFSM Framework Improves analysis and transparency

An integrated Balance Sheet Approach

- GFSM follows a balance sheet approach
- An integrated framework reports on stocks of assets (nonfinancial and financial) and liabilities, transactions, and other economic flows **Transparency**
- Stock positions are conceptually connected with flows



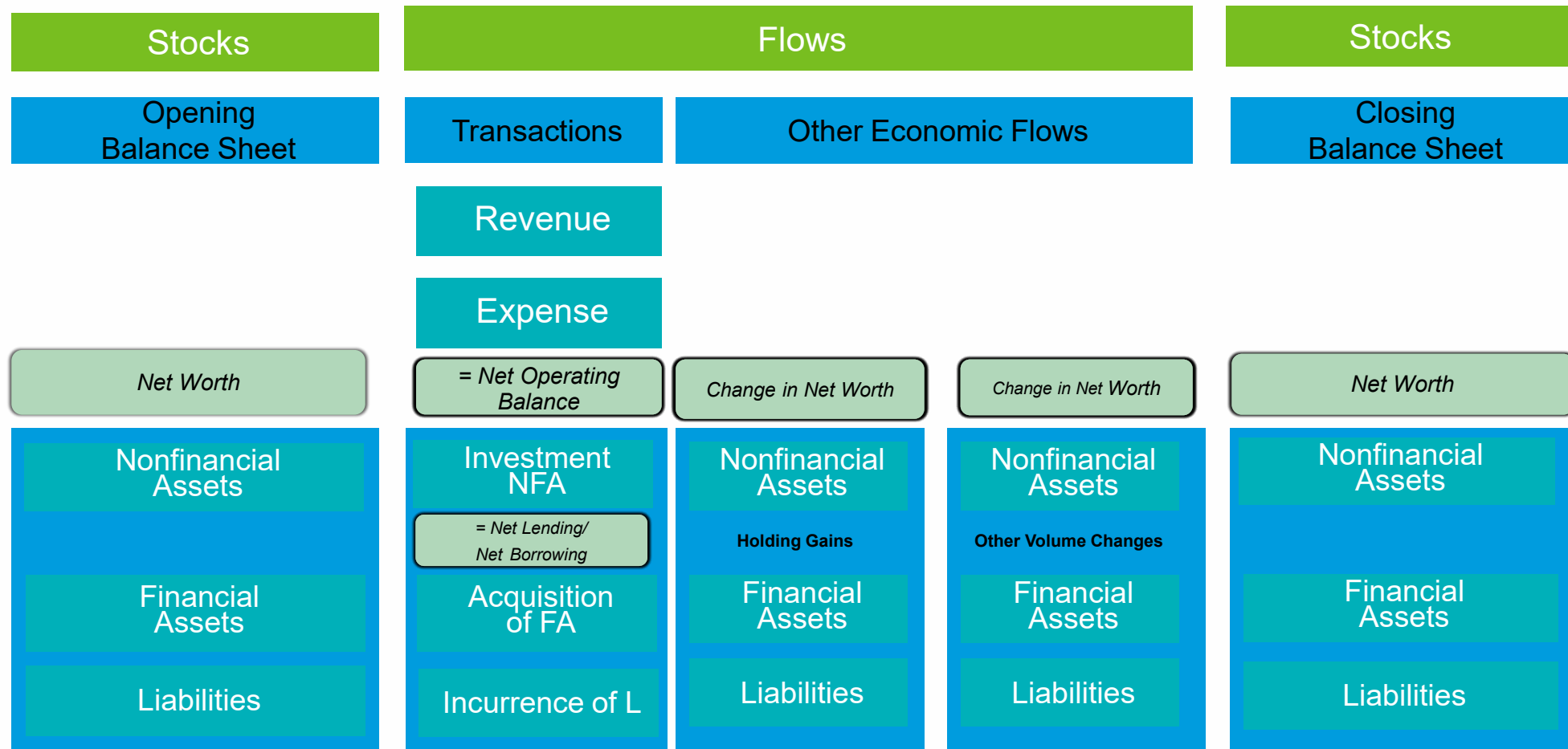
S = stock position; T = transactions; OEF = other economic flows

It also allows the distinction between:

- ▶ Transactions (under the direct control of the Government)
- ▶ Other economic flows (impact of internal or external shocks)

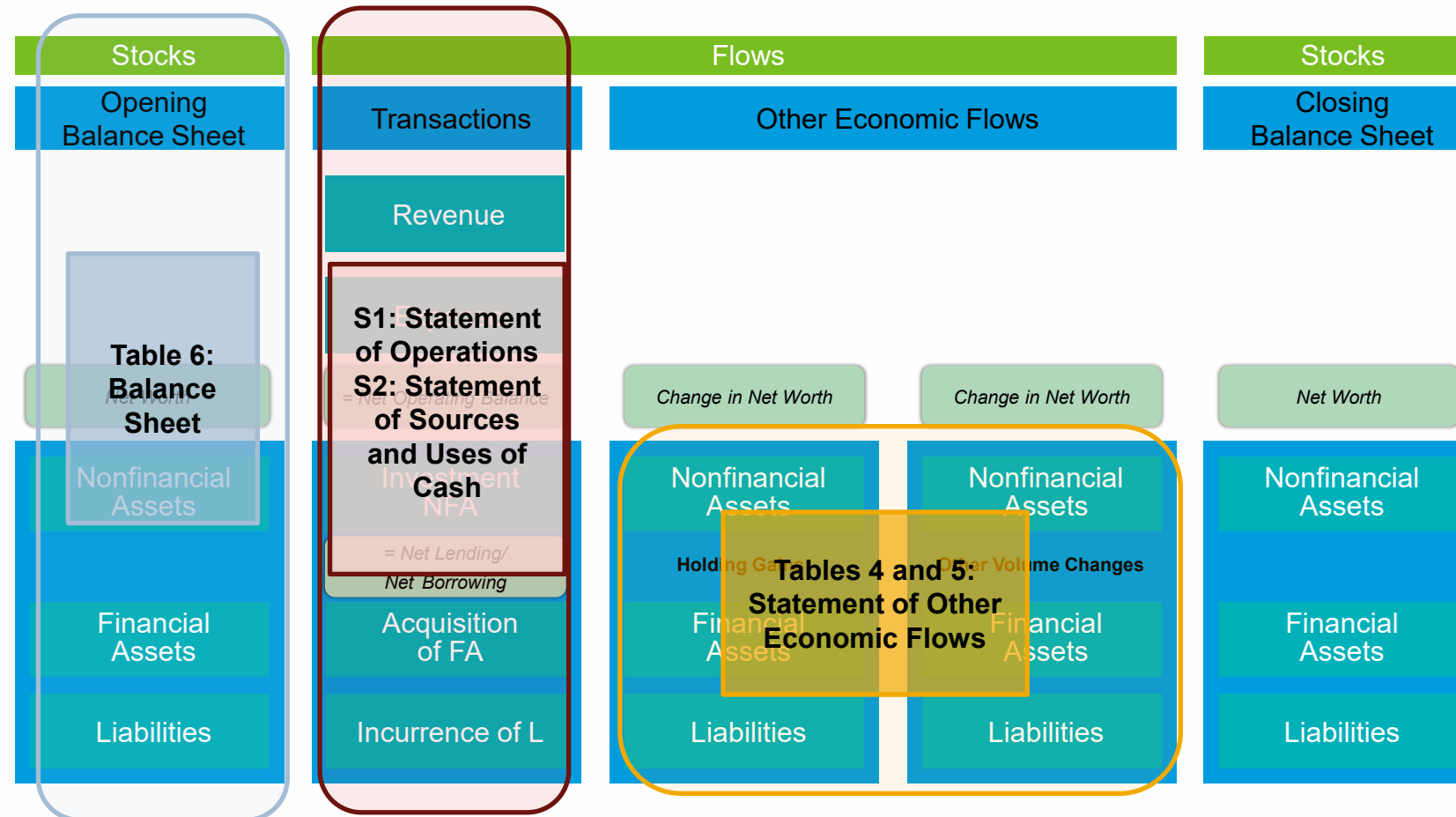
The GFSM Framework Overview

Schematic Presentation



The GFSM Framework Overview

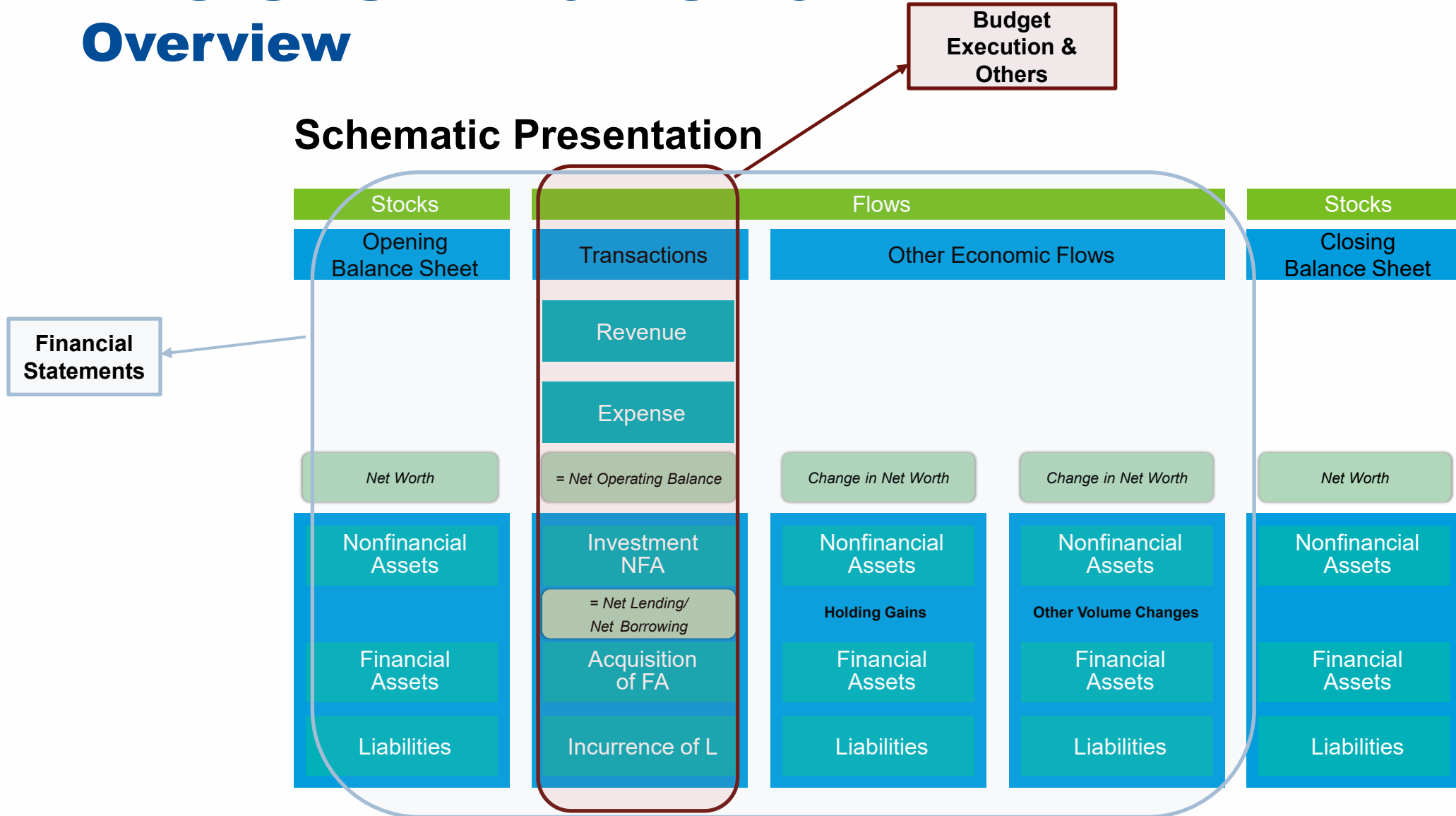
Schematic Presentation



GFS: Integration of Budget and Accounting.

The GFSM Framework Overview

Schematic Presentation



Similarities

- Recorded economic events
- Reporting and terminology not the same - confusion
- Recording :
 - ◆ double entry - GFS and Accounting
 - ◆ single entry – Budget Execution
- Conceptually asset and liability definitions are the same - *GFS & Accounting*
- Time of recording revenue and expense
 - ◆ Cash basis of recording → when cash movement occurs
 - ◆ Accrual basis of recording → when economic event occurs

Differences

Conceptual differences GFS and IPSAS

- Objectives
 - Reporting entity
 - Criteria for **recognizing financial assets and liabilities** differs - according to the degree of **uncertainty** surrounding future economic flows
 - Assets and Liabilities valuation – the same in many cases
 - GFS: General principle **current market value**
 - IPSAS: General principle **fair value**
- Disclosure of valuation basis is important (Metadata – Notes)*
- Treatment of revaluations and other volume changes
 - ◆ **IPSASs**: Do not distinguish other economic flows from transactions

Presentation and Terminology

- Data revisions:
 - GFS: review when the economic event occurred according to materiality
 - IPSAS: record at the time the change record is made

Challenges

Implementation of GFSM 2014 and IPSAS provides extra VALUE

- Integrated systems (IFMIS, etc.)
- Chart of Accounts (**Including Budget execution**)

There are still coordination between the main counterparts of both systems:

- ▶ IMF participates as an observer in IPSASB
- ▶ IPSASB is part of the GFSAC (Government Finance Statistics Advisory Committee)

As long as the differences persists between GFSM and IPSAS plus the **different** stages of implementation:

- ◆ **Need to report and explain the differences**

Ecuador Case

Ecuador GFS: Financial Statements and Budget Execution integration September 2020 to November 2023

GFS Compilation Guide: updated regularly included in the PFM Law (COPLAFIP)

Sectors covered: NFPS, CG, LG, SSF and sample of SOEs

Integration of Budget Execution with Financial Statements:

- IFMIS integrated BE and Accounting
- Other Source of Data: Debt System, MFS.

Revenues in cash and most of the Expenditures in Accrual (*metadata*)

Time series concept

Database in Excel:

- **GFSM 2014:** Compilation all the tables and Statements of GFS except for the **Cash Statement** still work in progress.
- **National Presentation:**
 - ▶ Flows Above and Below – the – line by sectors and for the consolidated NFPS
 - ▶ Debt Bulletin

Challenges

- Difference between Budget Space and Accrual spending
- Management of the amount of data in Excel, incorporating other database systems
- Dissemination of Financial Balance Sheet

DATA (publicly available) GFSY and National presentation

IMF GFSY Database:

- [Government Finance Statistics - At a Glance - IMF Data](#)
- [GFS Metadata by Economy - IMF Data](#)

National Publication:

- Public Debt Bulletin: <https://www.finanzas.gob.ec/https-wwwdeuda-publica-nueva-metodologia/>
- GFS compilation Guide: https://www.finanzas.gob.ec/wp-content/uploads/downloads/2022/05/1.-Gui%CC%81a-de-compilacio%CC%81n-de-estadisticas-fiscales-Ecuador_Publicacio%CC%81n.pdf
- National GFS Publication: <https://www.finanzas.gob.ec/estadistica-nueva-metodologia-2013-2022/>

Thank you!

Additional Info

GFSY: Statement of Operation GG

Statement of Operations (Revenue, Expenditures, Net Lending/Borrowing and Financing)

Country: Ecuador

Sector: General government

Unit: Domestic currency

Scale: Millions

	2013	2014	2015	2016	2017	2018	2019	2020	2021
TRANSACTIONS AFFECTING NET WORTH									
Revenue	30,845.34	31,139.73	31,760.77	29,283.34	31,386.75	35,495.35	33,845.65	27,495.04	33,533.83
Taxes	14,053.48	14,888.65	16,463.81	14,730.67	14,873.03	16,004.43	15,000.08	12,943.46	14,310.93
Social contributions	4,073.78	4,648.96	5,131.32	4,714.06	5,698.51	5,908.91	5,703.50	5,078.73	5,305.40
Grants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other revenue	12,718.09	11,602.12	10,165.64	9,838.61	10,815.21	13,582.01	13,142.03	9,472.85	13,917.50
Expense	31,943.65	33,760.32	32,813.36	32,944.04	32,889.50	35,805.10	35,329.30	32,806.18	34,019.05
Compensation of employees	9,800.18	10,356.68	10,954.34	11,051.83	11,428.39	11,897.83	11,841.57	11,616.09	11,566.97
Use of goods and services	11,604.99	12,481.02	10,043.96	8,032.20	8,580.19	10,042.87	9,901.36	7,567.93	8,986.89
Consumption of fixed capital									
Interest	836.38	940.67	1,229.89	1,430.99	2,012.80	2,519.89	2,862.39	2,806.23	1,437.94
Subsidies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grants	10.94	17.81	11.17	10.41	9.94	17.29	51.66	14.69	94.58
Social benefits	5,575.12	5,796.33	5,849.15	6,341.66	6,707.13	7,015.50	7,808.54	8,391.65	8,907.06
Other expense	4,116.05	4,167.82	4,724.85	6,076.96	4,151.05	4,311.74	2,863.79	2,409.59	3,025.60
Gross operating balance	-1,098.31	-2,620.59	-1,052.59	-3,660.70	-1,502.76	-309.75	-1,483.66	-5,311.14	-485.22
Net operating balance									
TRANSACTIONS IN NONFINANCIAL ASSETS									
Net/gross investment in nonfinancial assets	6,129.45	6,030.91	4,251.80	4,872.65	5,105.65	3,671.02	2,846.07	1,849.50	2,262.99
Expenditure	38,073.11	39,791.23	37,065.15	37,816.69	37,995.16	39,476.12	38,175.38	34,655.68	36,282.04
Net lending (+) / Net borrowing (-)	-7,227.76	-8,651.50	-5,304.38	-8,533.35	-6,608.41	-3,980.77	-4,329.73	-7,160.64	-2,748.20
Primary net lending / borrowing	-6,391.38	-7,710.83	-4,074.49	-7,102.37	-4,595.61	-1,460.88	-1,467.34	-4,354.41	-1,310.26
TRANSACTIONS IN FINANCIAL ASSETS AND LIABILITIES (FINANCING)									
Net acquisition of financial assets	1,044.74	-211.00	65.41	2,073.84	258.59	1,043.22	2,740.28	2,515.33	4,193.67
Net incurrence of liabilities	7,945.66	7,542.86	5,003.46	9,834.81	6,400.37	4,581.67	7,201.48	9,336.85	6,836.73

National Publication: Above-the-Line (National Presentation)

1. Operaciones Sector Público No Financiero Consolidado (SPNF)



República
del Ecuador

En millones de U.S. Dólares

Ministerio de Economía y Finanzas

*Información provisional

Codigo	Transacciones \ Período	Anual									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022*
1	Total Ingresos	37,294	38,958	36,187	33,065	36,286	40,998	39,054	31,528	38,459	44,967
11	Ingresos Petroleros	14,381	14,035	8,622	7,332	9,658	12,821	12,248	7,918	13,103	16,617
12	Ingresos no petroleros	22,914	24,924	27,565	25,733	26,628	28,176	26,806	23,610	25,356	28,350
121	Ingresos tributarios	13,668	14,460	15,961	14,253	14,354	15,417	14,486	12,366	13,623	15,100
122	Contribuciones a la Seguridad social	4,067	4,643	5,131	4,714	5,699	5,909	5,704	5,079	5,305	5,773
123	Transferencias	270	551	1,230	882	793	709	470	572	544	467
124	Intereses ganados	617	736	853	911	996	1,138	1,249	1,217	1,160	1,285
125	Otros Ingresos	4,292	4,533	4,389	4,973	4,787	5,002	4,898	4,377	4,724	5,724
2	Total Gastos	45,219	47,282	42,921	43,179	42,385	44,063	42,842	38,622	40,244	45,224
21	Gasto Permanente	29,205	31,084	29,620	28,973	30,612	33,569	34,628	31,419	30,892	37,292
211	Sueldos y salarios	9,474	10,055	10,641	10,775	11,230	11,656	11,580	10,901	10,556	11,492
212	Compra de bienes y servicios	12,922	14,088	11,415	9,416	9,598	11,121	11,038	8,524	9,795	13,580
213	Intereses	906	1,051	1,383	1,596	2,220	2,727	2,986	2,854	1,465	1,882
214	Transferencias	1,800	1,019	677	1,066	1,157	1,180	1,527	1,248	953	1,735
215	Prestaciones de seguridad social social	3,763	4,367	4,890	5,465	5,541	5,879	6,451	6,829	7,178	7,620
216	Otros Gastos Permanentes	340	505	614	655	867	1,006	1,046	1,064	944	983
22	Gasto No Permanente	16,014	16,198	13,301	14,206	11,772	10,493	8,214	7,203	9,352	7,932
221	Inversión en activos no financieros	6,285	6,077	4,298	4,978	5,115	3,675	2,868	1,857	2,275	2,326
2211	Gobierno Central	4,362	4,275	2,316	2,674	2,606	1,040	820	533	681	603
2212	GADS	1,719	1,659	1,853	1,928	2,147	2,589	2,003	1,300	1,566	1,651
2213	Fondos de Seguridad Social	49	97	82	271	353	42	24	16	16	33
2214	Empresas Publicas No Financieras	155	46	46	106	9	4	22	8	12	39
222	Transferencias no permanentes	2,873	3,092	3,261	3,608	2,267	1,850	1,059	1,089	2,003	849
223	Otro gasto no permanente	6,856	7,029	5,742	5,620	4,391	4,969	4,287	4,257	5,074	4,757
3 NLB	Resultado Global (Préstamo/Endeudamiento Neto) /(1-2)	-7,925	-8,324	-6,734	-10,115	-6,098	-3,065	-3,788	-7,094	-1,785	-257
31 GOB	Resultado Operativo Bruto (1-21-222-223)	-1,640	-2,246	-2,436	-5,136	-984	610	-920	-5,237	490	2,069
4	Resultado Primario (3+213)	-7,019	-7,273	-5,351	-8,519	-3,878	-337	-802	-4,240	-320	1,625
41	Resultado primario no petrolero (4+23-11)	-7,914	-6,940	-3,358	-7,347	-5,608	-4,225	-3,678	-4,766	-4,515	-2,308
	Códigos Informativos										
23	Gasto Petrolero SPNF (231+232+233+55)	13,486	14,368	10,615	8,503	7,929	8,934	9,372	7,392	8,908	12,684
51	Ingreso Operativo EPNF	6,367	7,735	4,480	3,724	4,831	5,560	5,276	4,004	4,919	4,654
52	Gasto Operativo EPNF	3,193	3,544	3,411	3,111	2,739	2,714	2,645	2,268	2,201	2,704
53	Resultado Operacional EPNF	3,174	4,191	1,069	612	2,092	2,845	2,632	1,736	2,719	1,950
54	Ingresos Petroleros EPNF	5,342	6,518	3,167	2,454	3,836	4,566	4,356	3,079	4,061	3,364
55	Gasto Operativo Petrolero EPNF	2,308	2,510	2,334	1,967	1,759	1,818	1,867	1,593	1,571	1,810
56	Resultado Operativo Petrolero EPNF	3,034	4,008	833	487	2,077	2,748	2,489	1,486	2,490	1,554

National Publication: Financing (Uses and Sources)

Codigo	Transacciones \ Período	Anual									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	3 Resultado Global (Sobre la línea)	-7,925	-8,324	-6,734	-10,115	-6,098	-3,065	-3,788	-7,094	-1,785	-257
	3 Resultado Global (Sobre la línea) (-1)	7,925	8,324	6,734	10,115	6,098	3,065	3,788	7,094	1,785	257
A.	Financiamiento Externo Neto (1+2)	3,476	4,463	3,028	6,034	5,143	3,650	3,716	5,238	2,749	2,075
1.	Financiamiento Externo	3,476	4,463	3,028	6,034	5,143	3,650	3,716	5,238	2,749	2,075
	Desembolsos	3,257	4,396	4,655	7,291	8,971	7,165	8,150	9,180	4,544	4,400
	Org. Internacionales	726	1,495	1,931	1,092	1,103	1,644	3,310	7,502	4,205	4,200
	Banco Mundial	2	7	115	18	175	236	653	1,242	318	1,328
	BID	367	505	1,318	604	501	497	733	709	1,348	847
	CAF	350	355	485	465	422	542	517	868	480	414
	FIDA	7	9	13	5	4	1	6	-	-	-
	FLAR	-	618	-	-	-	369	-	-	308	-
	FMI/1	-	-	-	-	-	-	1,401	4,683	1,751	1,611
	Gobiernos	2,483	1,166	844	2,253	593	1,017	670	149	293	196
	Bancos y Bonos	49	2,735	1,880	3,946	7,251	4,504	4,170	1,529	46	3
	Credito Proveedores	-	1,000	-	-	25	-	-	-	-	-
	Capitalización de intereses	-	-	-	-	-	-	-	-	-	-
	Amortizaciones	1,159	1,700	2,076	1,816	3,027	3,158	3,910	3,815	1,689	2,244
	Org. Internacionales	512	924	548	767	857	673	780	817	780	1,110
	Banco Mundial	67	63	42	29	22	18	20	17	16	13
	BID	155	165	154	163	340	269	263	248	225	335
	CAF	225	245	272	262	260	384	413	385	413	451
	FIDA	1	1	2	4	4	3	3	3	3	4
	FLAR	64	450	77	309	232	-	82	164	123	308
	FMI	-	-	-	-	-	-	-	-	-	-
	Otros	-	-	-	-	-	-	-	-	-	-
	Gobiernos	613	740	630	650	1,312	1,600	1,005	764	446	886
	Bancos y Bonos	29	29	681	182	628	664	1,961	2,233	463	248
	Credito Proveedores	6	6	217	217	230	220	164	-	-	-
	Cuentas por pagar (intereses Bonos Soberanos)	15	15	15	15	15	15	15	15	15	15
	Venta anticipada de petróleo neto y pasivos	1,363	-248	434	544	-816	-371	-539	-143	-121	-95
	2. Variación de Activos (Fondo Petroleros)	-	-	-	-	-	-	-	-	-	-
B.	Financiamiento Interno	4,449	3,861	3,706	4,080	956	-586	72	1,856	-963	-1,818
	Var. Deuda Interna (a-b-c)	723	1,351	-362	221	2,478	-525	-254	492	241	48
	a. Desembolsos	1,577	2,785	3,065	6,065	6,521	968	1,122	1,301	1,633	944
	b. Amortizaciones	854	1,434	3,427	5,843	4,044	1,493	1,145	644	1,387	885
	c. Recompras al sector privado (Jubilados e	-	-	-	-	-	-	232	164	6	11
	Certificados de Tesorería Neto	452	176	707	3,082	-2,648	-528	562	210	15	-764
	Var. Depósitos del SPNF en el BCE 2/	152	-281	650	-882	231	-1,224	-236	-290	-1,319	-412
	Var. Depósitos del SPNF en las IFIS y en No Re	296	224	187	-51	-40	-120	-45	158	-200	-621
	Var. Activos del SPNF en BCE	-3	-9	-0	1	-1	-0	0	-1	2,377	0
	Var. Activos del SPNF en el Sistema Financiero	36	3	12	6	1	1	-0	-642	-12	-9
	Var. Créditos de liquidez neto	-	-	-	-	-	564	138	114	-139	-65
	Anticipo por activación de contingencias	-	-	-	-	2,137	-	-174	172	-	-
	Cartera de crédito por vencer neto (PQ yPP)	-1,895	-1,432	-1,377	-665	-853	-631	-653	-74	-67	-615
	Inversiones BIESS en el sector privado no fina	115	44	61	117	116	96	-43	57	75	-62
	Inversiones BIESS en acciones del sector priva	-153	-4	8	60	-27	-39	-7	-8	20	-29
	Cuentas por cobrar 3/	652	1,138	-244	-198	-1,919	741	-1,648	-1,893	-2,840	-1,238
	Anticipo a proveedores	-3	359	216	0	62	382	-48	-145	-2,417	632
	Cuentas por cobrar de GADs y Seguridad	506	1,297	180	-846	-1,941	416	-1,596	-1,656	-430	-1,788
	Cuentas por cobrar del EP privados	148	-518	-640	648	-40	-56	-4	-91	7	-82
	Cuentas por pagar del SPNF	3,364	2,033	2,852	1,681	591	362	2,307	2,991	977	1,731
	Discrepancia estadística	710	616	1,213	708	889	718	125	570	-92	218
C.	Requerimientos de Financiamiento (A+B)	7,925	8,324	6,734	10,115	6,098	3,065	3,788	7,094	1,785	257

1/ Incluye desembolso de DEGS

2/ se excluye de los depósitos del SPNF aquellos depósitos de las entidades que no se encuentran dentro de la muestra

3/ incluye anticipo a proveedores, cuentas por cobrar GADs y FSS y cuentas por cobrar de empresas públicasP

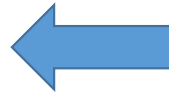
National Publication: Below-the-Line (GFSM 2014)

1. Flujos de Financiamiento del Sector Publico No Financiero Consolidado (SPNF)



(En millones de U.S. Dólares)

Ministerio de Economía y Finanzas



		Anual									
Codigo	Transacciones \ Período	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	ACTIVOS FINANCIEROS	843	292	693	1,619	354	1,178	2,806	2,527	4,714	2,985
11	Depósitos	-448	57	-836	934	-198	1,334	299	132	1,519	1,033
12	Títulos	-105	-62	-84	-117	-116	-96	43	592	-75	69
13	Préstamos	1,895	1,432	1,377	665	853	631	653	74	67	615
14	Acciones y participaciones de capital	153	4	-8	-60	-2,110	39	7	8	-20	29
15	Otras cuentas a recibir	-652	-1,138	244	198	1,926	-730	1,805	1,721	3,224	1,238
2	PASIVOS	8,057	7,999	6,214	11,026	5,563	3,524	6,469	9,051	6,591	3,024
21	Títulos	1,229	3,476	1,185	5,911	6,242	1,439	2,855	1,128	2	-853
22	Préstamos por acreedor	2,102	2,738	1,742	2,889	-453	1,530	1,708	4,961	4,540	2,306
23	Otras cuentas por pagar	3,293	728	2,906	1,814	-636	-150	967	2,066	442	591
24	Seguros, pensiones y sistemas de garantías estandarizadas	1,433	1,058	381	412	411	705	938	896	659	981
25	Asignaciones de DEGS	-	-	-	-	-	-	-	-	949	-
3	Balance Financiero (Financiamiento - Bajo la línea)	-7,214	-7,707	-5,521	-9,407	-5,209	-2,347	-3,663	-6,524	-1,877	-39
3	Resultado Global (Sobre la línea)	-7,925	-8,324	-6,734	-10,115	-6,098	-3,065	-3,788	-7,094	-1,785	-257
4	Discrepancia estadística	-710	-616	-1,213	-708	-889	-718	-125	-570	92	-218
4	Discrepancia estadística (% del PIB)	-0.7%	-0.6%	-1.2%	-0.7%	-0.8%	-0.7%	-0.1%	-0.5%	0.1%	0.1%

STAGO activity

Active participation in CD

- ▶ Government Finance Statistics (GFS) Project in regional centers
- ▶ Technical assistance GFS and Public Sector Statistics (PSDS)
- ▶ Online courses in English: GFS and PSDS
- ▶ Reports on the Observance of Standards and Codes (ROSC)
- ▶ Fiscal Transparency Evaluation (FTE) Fiscal Reporting Pillar

Always it is highlighted the importance of the interaction with the accounting departments.