Preview of the 2009 Comprehensive Revision of the NIPAs

Changes in Definitions and Presentations

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I N JULY, the Bureau of Economic Analysis (BEA) will release the initial results of the 13th comprehensive, or benchmark, revision of the national income and product accounts (NIPAs). The last comprehensive revision was released in December 2003.

Traditionally, comprehensive NIPA revisions have differed from annual NIPA revisions because of the scope of the changes and because of the number of years subject to revision. Comprehensive revisions have incorporated three major types of improvements: (1) changes in definitions and classifications that update the accounts to more accurately portray the evolving U.S. economy, (2) statistical changes that update the accounts to reflect the introduction of new and improved methodologies and the incorporation of newly available and revised source data, and (3) changes in presentations that update the NIPA tables to reflect the changes in definitions and the statistical changes and to make the tables more informative. ¹ Comprehensive revisions have usually been conducted at 5-year intervals that correspond with the integration of updated statistics from BEA's quinquennial benchmark inputoutput accounts.

As part of its goal to accurately portray the changing U.S economy, BEA in 2010 will introduce "flexible" annual revisions that will retain the features of the current annual revisions but that will also allow for the kind of improvements that previously were reserved for comprehensive revisions.² For example, when necessary, the current 3-year period of revision will be expanded to earlier periods. In some cases, changes in definitions and presentations, as well as new and improved estimating methodologies, may also be incorporated as part of the flexible annual revisions. To keep BEA's customers up-to-date, BEA will continue to announce these planned improvements and the periods subject to revision in advance of their implementation to ensure that users have adequate time to determine

1. The changes in definitions and classifications that are discussed are changes that affect the conceptual content of the components of the NIPAs. 2. See "Improving BEA's Accounts Through Flexible Annual Revisions," SURVEY OF CURRENT BUSINESS 88 (June 2008): 29–32.

how best to incorporate them.

This article is the third in a series of SURVEY OF CUR-RENT BUSINESS articles that have discussed aspects of the upcoming comprehensive revision. An article in March 2008 covered not only the effects of incorporating the 2002 benchmark input-output accounts, but also identified some of the proposals that were being considered for the comprehensive revision.³ An article in May 2008 described a new classification system for personal consumption expenditures (PCE).⁴ An article in May 2009 will describe the statistical changes. An article in September 2009 will present the results of the revision, including estimates that reflect the effects of the changes in definitions, the statistical changes, and the changes in presentations.

Comprehensive revisions and the future "flexible" annual revisions provide the opportunity to introduce major changes that are outlined in BEA's strategic plan for maintaining and improving its economic accounts.⁵ In discussing the national accounts, BEA's strategic plan outlines several major objectives, including addressing data gaps and other shortcomings, improving consistency and integration with other accounts, and improving consistency with international guidelines. The changes in definitions and presentations described in this article and the planned statistical improvements constitute important steps toward meeting each of these objectives.

The major changes in definitions and classifications in this comprehensive revision are as follows:

•Change the treatment of disasters to better reflect the distinctions between current transactions, capital transactions, and events that directly affect

^{3.} Kurt Kunze and Stephanie H. McCulla, "Preview of Revised NIPA Estimates for 2002: Effects of Incorporating the 2002 Benchmark I-O Accounts, Proposed Definition and Statistical Changes," SURVEY 88 (March 2008): 10–17.

^{4.} Clinton P. McCully and Teresita D. Teensma, "Preview of the 2009 Comprehensive Revision of the National Income and Product Accounts: New Classifications for Personal Consumption Expenditures," SURVEY 88 (May 2008): 6–17.

^{5.} The Bureau of Economic Analysis Strategic Plan 2008–2012 is available on BEA's Web site, www.bea.gov.

balance sheets and to bring the NIPAs in line with the recently updated *System of National Accounts* 2008 (SNA 2008).⁶

- Reclassify transactions between the federal government and the U.S. territories and commonwealths in order to improve consistency with the treatment of similar private-sector transactions.
- •Change the treatment of insurance services provided by government enterprises in order to improve consistency with the treatment of the services provided by private property and casualty insurance companies.

These major changes in definitions are associated with changes in presentations. In addition, several other important changes in presentations will be implemented:

- A new classification system for personal consumption expenditures
- A new presentation of the estimates of private fixed investment in structures for 1929–96 consistent with the estimates beginning with 1997
- •A change in the reference year—from 2000 to 2005—for the chain-type quantity and price indexes and for the chained-dollar estimates
- •A change in the terminology used to describe the vintages of the current quarterly GDP estimates

In the following sections of the article, each change in definition is described, the reason for the change is given, the current treatment and the new treatment are outlined, and when noteworthy, the detailed effects on the seven summary accounts are provided. In addition, in the section "Changes in Presentations," descriptions of the major changes resulting from the changes in treatment are provided.

For each change in definition, table 1 lists the aggregates and components of the NIPA seven-account

Availability of Redesigned Tables

Drafts of the table formats for the new classification system for consumer spending are available on BEA's Web site, www.bea.gov; click on "National," then under "Information about the upcoming comprehensive revision of the NIPAs," click on "Draft of updated table formats for personal consumption expenditures (PCE)." Other redesigned NIPA table formats will be available on BEA's Web site in June.

Table 1. Changes in Definitions and Classifications

Change and initial year of revision	Principal components affected
New treatment of disasters, 1971	National income, net operating surplus, consumption of fixed capital, current transfer receipts and payments, proprietors' income, rental income of persons, corporate profits, personal income, capital account transactions, capital transfer receipts and payments, personal saving, net government saving, net saving, and the balance on the current account, NIPAs.
Reclassify transactions between the federal government and the U.S. territories and commonwealths, 1951	Contributions for government social insurance, government social benefits paid to the rest of the world, other current transfer payments to the rest of the world, net federal government saving, gross saving, net lending or borrowing, NIPAs, and the balance on the current account, NIPAs.
New treatment of insurance services provided by government enterprises, 1976	GDI, subsidies, net operating surplus, business current transfer payments to government, rental income of persons, current surplus of government enterprises, personal income, personal saving, net government saving, net and gross saving, and the statistical discrepancy.

GDI Gross domestic income NIPAs National income and product accounts

summary that will be affected and the initial year of the revision.

Changes in Definitions

Treatment of disasters

The treatment of disasters will be changed to better reflect the distinctions between current transactions, capital transactions, and events that directly affect balance sheets, and to bring the NIPAs in line with recommendations of the *SNA 2008*.

Disasters-such as Hurricane Katrina, the terrorist attacks of September 11, 2001, and other major catastrophes-affect economic activity because (1) production is interrupted, (2) structures, equipment, and other assets are damaged or destroyed, (3) transactions, such as payments of insurance benefits or government disaster relief, take place as a result of the damages incurred, and (4) the structures, equipment, and other assets that are damaged or destroyed must be replaced, often using funds from insurance benefits or disaster relief. The economic effects of interrupted production and the replacement of structures and equipment should be included in gross domestic product (GDP), and they are generally reflected in the source data used to estimate GDP and the national accounts. However, neither GDP nor the associated income measures should be adjusted to take account of damage to, or destruction of, assets. As part of the 2003

^{6.} A preedited version of volume 1 of *SNA 2008* is available at unstats.un.org/unsd/sna1993/draftingPhase/Volume1.asp, and a draft version of volume 2 is available at unstats.un.org/unsd/sna1993/draftingPhase/reviewVolume2.asp.

comprehensive revision, BEA changed its measure of property and casualty insurance output to ensure that such disasters would not affect GDP.⁷ But under the current treatment, the value of disaster-related losses to fixed assets and the value of disaster-related insurance payments and uninsured losses are still reflected in the income measures; however, these values are offsetting and do not result in a statistical discrepancy with GDP.

An integrated set of macroeconomic, or national, accounts incorporates the following: (1) current accounts to show flows of current production, income, consumption, and saving; (2) capital accounts to show investment in assets-such as structures, equipment, software, and inventories-and the financing requirements from internal (saving) and external (net lending or borrowing) sources; (3) financial accounts to show financial-asset transactions and how they are reflected in net lending or borrowing; and (4) "other changes in volume of assets" that are not transactions but that directly affect the balance sheet, for example, revaluations (capital gains or losses) and disaster losses.⁸ By classifying disaster losses in "other changes in volume of assets" and by classifying disaster-related insurance benefits in the capital accounts, BEA will more consistently follow the accounting structure of an integrated set of national accounts.

Current treatment. The value of the irreparable damage to, or destruction of, fixed assets from disasters is recorded in the national accounts as consumption of fixed capital (CFC)—depreciation—during the period in which the disaster occurred.⁹ The insurance payouts to cover the losses of fixed assets, business interruptions, or consumer durable goods are recorded as current transfer payments or current transfer receipts. To the extent that these losses are insured, the entries for CFC and for transfer receipts offset each other.¹⁰ However, for losses that are not insured, the in-

come measures in the accounts—specifically, corporate profits, proprietors' income, rental income of persons, and the current surplus of government enterprises—are reduced, and they are not offset by insurance payouts. This, in turn, can lead to large swings in these income measures when disasters occur.

New treatment. Under the new treatment of disasters, the value of the damage to, or destruction of, fixed assets will no longer be recorded as CFC. Instead, beginning with estimates for 1971, the value will be recorded as "other changes in volume of assets." This new treatment is consistent with the current presentation in NIPA "Table 5.9. Changes in Net Stock of Produced Assets (Fixed Assets and Inventories)," which integrates the NIPA estimates of the flows of investment and of CFC with BEA's estimates of the net stocks of produced assets.¹¹ No current-period measure of production or income will be affected.¹² Similarly, beginning with estimates for 1989, the value of all disaster-related insurance payouts will be recorded as capital transfer payments (and receipts) in NIPA summary "Account 6. Domestic Capital Account" rather than as *current* transfer payments (and receipts). Because insurance payouts and receipts among domestic sectors offset each other at the national level, only payments to and from the rest of the world will be reflected in this summary account.¹³

Effects on the accounts. As noted, the loss of capital and the insurance payouts associated with disasters do not affect current production. Disaster losses will no longer be recorded as depreciation (a current business expense), and the insurance payouts will no longer be recorded as a charge against insurance companies' current profits or as current income for the claim holder. The effects of the change in the treatment of disasters are illustrated in table 2. Removing these losses and payouts from the current accounts preserves the accounts' focus on major macroeconomic flows of ongoing business activity. At the same time, information on

^{7.} For more information on this change, see Brent R. Moulton and Eugene P. Seskin, "Preview of the 2003 Comprehensive Revision of the National Income and Product Accounts: Changes in Definitions and Classifications," SURVEY 83 (June 2003): 19–23 and Baoline Chen and Dennis J. Fixler, "Measuring the Services of Property-Casualty Insurance in the NIPAs," SURVEY 83 (October 2003): 10–26.

^{8.} See Charlotte Anne Bond, Teran Martin, Susan Hume McIntosh, and Charles Ian Mead, "Integrated Macroeconomic Accounts for the United States," SURVEY 87 (February 2007): 14–31.

^{9.} In general, adjustments for disasters have been made if the cost of the damage equals at least 0.25 of 1 percent of total private CFC (about \$3.8 billion in 2008). Beginning with estimates for 2002, under the new treatment, the threshold for determining whether any single event is treated as a disaster will be if either the associated property losses or the insurance payouts exceed 0.1 percent of GDP (about \$14.3 billion in 2008). The effects of losses from events smaller than these thresholds are assumed to be already reflected in the estimates of CFC and net current insurance settlements.

^{10.} Because consumer durable goods are not capitalized in the GDP accounts, no CFC adjustment is made for the loss of these goods. Insurance payouts for losses of these goods are recorded as personal current transfer receipts from business.

^{11.} NIPA table 5.9 was introduced in 2000 to provide information on the role of investment and depreciation in determining changes in the value of the nation's net stocks. Removing disaster losses from CFC and separately identifying them as "other changes in volume of assets" is required for analyzing the accumulation of wealth in a manner consistent with the recommendations of the *SNA 2008*.

^{12.} Consistent with this change, the treatment of war losses for which CFC is currently reflected only in the fixed-asset accounts will also be changed, and the value of these losses will also be recorded as "other changes in volume of assets," beginning with estimates for 1940. War losses and disaster losses were never included in general government CFC because general government output is measured on a cost-of-production basis (including CFC), and the inclusion of these losses would have increased government output. Thus, the new treatment will bring private CFC and government enterprise CFC in line with general government CFC.

^{13.} However, separate estimates of capital transfers by sector will be shown in "NIPA Table 5.10. Capital Transfers (Net)." In addition, NIPA tables 3.1–3.3 present estimates of government capital transfers, and NIPA table 1.12 will be modified to show corporate capital transfers.

disasters will be provided in the capital account and in "other changes in volume of assets" in NIPA table 5.9 for long-run analysis.

More specifically, in the domestic income and product account (account 1), net operating surplus (line 4) will increase by the amount previously recorded in CFC (line 7), which will now decrease by an offsetting amount.

In the private enterprise income account (account 2), proprietors' income, rental income of persons, and corporate profits (lines 21–23) will increase by the amount of uninsured losses—the difference between CFC and the amount of insurance payouts. In addition, corporate profits of insurance companies will also increase by the amount of insurance payouts that are no longer recorded as an expense. "Business current

transfer payments (net)" (line 17) will increase by the amount of net insurance payouts to persons, to business, and to the rest of the world, which are now reclassified as capital transfers.

In the personal income and outlay account (account 3), the combined effects on CFC and from disaster-related insurance payouts on proprietors' income (line 33) and on rental income of persons (line 34) discussed for account 2 and the removal of insurance payouts from "personal current transfer receipts from business (net)" (line 38) will affect personal income (line 40) and personal saving (line 30).

In the government receipts and expenditures account (account 4), net government saving (line 46) will reflect the revised treatment of disasters. "Current transfer receipts from business (net)" (line 54) will no

Table 2. Illustrative Effects of the New Treatment of Disasters, 2005:III 1-Continues

[Billions of dollars, seasonally adjusted at annual rates]

	Account 1. Domestic Income and Product Account								
Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
1	Compensation of employees, paid	0.0	0.0	0.0	11	Personal consumption expenditures	0.0	0.0	0.0
2	Taxes on production and imports	0.0	0.0	0.0	12	Gross private domestic investment	0.0	0.0	0.0
3	Less: Subsidies	0.0	0.0	0.0	13	Net exports of goods and services	0.0	0.0	0.0
4	Net operating surplus	383.8	383.8	0.0	14	Government consumption expenditures	0.0	0.0	0.0
5	Private enterprises	369.2	369.2	0.0					
6	Current surplus of government enterprises	14.6	14.6	0.0					
7	Consumption of fixed capital	-383.8	-383.8	0.0					
8	Gross domestic income	0.0	0.0	0.0					
9	Statistical discrepancy	0.0	0.0	0.0					
10	GROSS DOMESTIC PRODUCT	0.0	0.0	0.0	15	GROSS DOMESTIC PRODUCT	0.0	0.0	0.0

Account 2. Private Enterprise Income Account

Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
16	Income payments on assets	0.0	0.0	0.0	25	Net operating surplus	369.2	369.2	0.0
17	Business current transfer payments (net)	85.2	0.0	85.2	26	Income receipts on assets	0.0	0.0	0.0
18	To persons (net)	-40.1	0.0	-40.1					
19	To government (net)	63.8	0.0	63.8					
20	To the rest of the world (net)	61.5	0.0	61.5					
21	Proprietors' income with IVA and CCAdj	24.3	51.0	-26.7					
22	Rental income of persons with CCAdj	115.0	229.4	-114.4					
23	Corporate profits with IVA and CCAdj	144.7	88.8	55.9					
24	USES OF PRIVATE ENTERPRISE INCOME	369.2	369.2	0.0	27	SOURCES OF PRIVATE ENTERPRISE INCOME	369.2	369.2	0.0

Account 3. Personal Income and Outlay Account

						-			
Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
28	Personal current taxes	0.0	0.0	0.0		Compensation of employees, received	0.0	0.0	0.0
29	Personal outlays	0.0	0.0	0.0	33	Proprietors' income with IVA and CCAdj	24.3	51.0	-26.7
30	Personal saving	99.2	280.4	-181.2		Rental income of persons with CCAdj	115.0	229.4	-114.4
					35	Personal income receipts on assets	0.0	0.0	0.0
					36	Personal current transfer receipts	-40.1	0.0	-40.1
					37	Government social benefits	0.0	0.0	0.0
					38	From business (net)	-40.1	0.0	-40.1
					39	Less: Contributions for government social insurance	0.0	0.0	0.0
31	PERSONAL TAXES, OUTLAYS, AND SAVING	99.2	280.4	-181.2	40	PERSONAL INCOME	99.2	280.4	-181.2

See the footnote at the end of the table

longer include the insurance payouts for losses to state and local government property, nor will it include transfer payments (negative transfer receipts) by government enterprises to private insurance companies, which are then passed through to claimholders. Under the new treatment, these transactions are reclassified as

Table 2. Illustrative Effects of the New Treatment of Disasters, 200)5:III ¹ —Table Ends
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[Billions of dollars, seasonally adjusted at annual rates]

	Account 4. Government Receipts and Expenditures Account								
Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
41	Consumption expenditures	0.0	0.0	0.0	50	Current tax receipts	0.0	0.0	0.0
42	Current transfer payments	0.0	0.0	0.0	51	Contributions for government social insurance	0.0	0.0	0.0
43	Interest payments	0.0	0.0	0.0	52	Income receipts on assets	0.0	0.0	0.0
44	Subsidies	0.0	0.0	0.0	53	Current transfer receipts	63.8	0.0	63.8
45	Less: Wage accruals less disbursements	0.0	0.0	0.0	54	From business (net)	63.8	0.0	63.8
46	Net government saving	78.4	14.6	63.8	55	From persons	0.0	0.0	0.0
47	Federal	68.8	0.4	68.4	56	Current surplus of government enterprises	14.6	14.6	0.0
48	State and local	9.6	14.2	-4.6					
49	GOVERNMENT CURRENT EXPENDITURES AND NET SAVING	78.4	14.6	63.8	57	GOVERNMENT CURRENT RECEIPTS	78.4	14.6	63.8

Account 5. Foreign Transactions Current Account

Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
58	Exports of goods and services	0.0	0.0	0.0	61	Imports of goods and services	0.0	0.0	0.0
59	Income receipts from the rest of the world	0.0	0.0	0.0	62	Income payments to the rest of the world	0.0	0.0	0.0
					63	Current taxes and transfer payments to the rest of the world (net)	61.5	0.0	61.5
					64	From persons (net)	0.0	0.0	0.0
					65	From government (net)	0.0	0.0	0.0
					66	From business (net)	61.5	0.0	61.5
					67	Balance on current account, national income and product accounts	-61.5	0.0	-61.5
60	CURRENT RECEIPTS FROM THE REST OF THE WORLD	0.0	0.0	0.0	68	CURRENT PAYMENTS TO THE REST OF THE WORLD AND BALANCE ON CURRENT			
						ACCOUNT	0.0	0.0	0.0

Account 6. Domestic Capital Account

Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
69	Gross domestic investment	0.0	0.0	0.0	75	Net saving	322.3	383.8	-61.5
70	Capital account transactions (net)	-61.5	0.0	-61.5	76	Personal saving	99.2	280.4	-181.2
71	Transfer payments for catastrophic losses	-61.5	0.0	-61.5	77	Undistributed corporate profits with IVA and CCAdj	144.7	88.8	55.9
72	Other capital account transactions	0.0	0.0	0.0	78	Wage accruals less disbursements (private)	0.0	0.0	0.0
73	Net lending or net borrowing (-), national income and product accounts	0.0	0.0	0.0	79 80 81 82	Net government saving Plus: Consumption of fixed capital Private Government	78.4 -383.8 -369.2 -14.6	-369.2	63.8 0.0 0.0 0.0
					83	General government	0.0	0.0	0.0
					84	Government enterprises	-14.6	-14.6	0.0
					85	Equals: Gross saving	-61.5	0.0	-61.5
					86	Statistical discrepancy	0.0	0.0	0.0
74	GROSS DOMESTIC INVESTMENT, CAPITAL ACCOUNT TRANSACTIONS, AND NET LENDING	-61.5	0.0	-61.5	87	GROSS SAVING AND STATISTICAL DISCREPANCY	-61.5	0.0	-61.5

Account 7. Foreign Transactions Capital Account

Line		Total	CFC	Insurance	Line		Total	CFC	Insurance
					90 91	Capital account transactions (net) Transfer payments for catastrophic losses Other capital account transactions Net lending or net borrowing (–), national income and product accounts	-61.5 -61.5 0.0 0.0	0.0 0.0 0.0 0.0	61.5 61.5 0.0 0.0
88 BALANCE ON CU	JRRENT ACCOUNT, NIPAs	-61.5	0.0	-61.5	93	CAPITAL ACCOUNT TRANSACTIONS (NET) AND NET LENDING, NIPAs	-61.5	0.0	-61.5

Estimates presented in this table reflect previously published damage and insurance settlements estimates from the BEA FAQ, "What are the effects of disasters on income measures?" CCAdj Capital consumption adjustment

CFC Consumption of fixed capital IVA Inventory valuation adjustment NIPAs National income and product accounts

capital transfers. At the same time, the current surplus of government enterprises (line 56) will increase by the disaster-related amount previously recorded in CFC.

In the foreign transactions current account (account 5), "current taxes and transfer payments to the rest of the world (net)" (line 63) will increase because the disaster-related insurance payouts (primarily reinsurance) from the rest of the world—a subtraction—will be excluded. As a result, the "balance on current account, NIPAs" (line 67) will be offset by the same amount.

In the domestic capital account (account 6), "capital account transactions (net)" (line 70) will now include disaster-related insurance payouts (both primary and reinsurance) to the rest of the world less what is received from the rest of the world. To aid users, two new subcomponents will be added under "capital account transactions (net)": (1) "transfer payments for catastrophic losses" (line 71) and (2) "other capital account transactions" (line 72). Gross saving (line 85) will decrease by the same amount that "current taxes and transfer payments to the rest of the world (net)" (line 63) increased. "Net lending or net borrowing (–), NIPAs" (line 75) and to CFC (line 80) are offset by the changes to "capital account transactions (net)."

In the foreign transactions capital account (account 7), "capital account transactions (net)" (line 89) will decrease to reflect the disaster-related insurance payouts received from the rest of the world that will now be recorded in this account. The two new subcomponents added to account 6 will also be added to this account. As before, "net lending or net borrowing (–), NIPAs" (line 92) is unchanged.

Reclassification of territorial adjustments in the government accounts

Most transactions between the U.S. government and economic agents in the territories of Guam, the U.S. Virgin Islands, and American Samoa and in the commonwealths of Puerto Rico and the Northern Mariana Islands will now be included in federal government current receipts and expenditures. As a result, the measures of the fiscal balance of the federal government and its social insurance funds will be more accurate, and their consistency and comparability with NIPA measures of private saving will be enhanced.

Like private transactions (such as trade in goods and services), government transactions with the territories will be treated as transactions with the rest of the world. Inconsistencies will remain with BEA's international transactions accounts (ITAs), which treat the territories as part of the domestic economy, and the "territorial adjustments" shown in NIPA "Table 4.3B. Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts" will reflect the new treatment.

BEA's long-run goal is to expand the coverage of the NIPAs to include the territories and to make the NIPAs consistent with the ITAs. To this end, BEA has a project underway with the Department of the Interior to work with the four insular areas (American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands) to develop macroeconomic accounts.

Current treatment. The federal government collects certain revenues from residents of these U.S. territories and commonwealths, and the residents of these areas participate in several social insurance programs and other benefit programs administered by the federal government. Furthermore, the federal government provides financial assistance through grants and subsidies to these areas.

The revenues and expenditures of the U.S. government associated with these areas are included in the *Budget of the United States Government (Budget)*, the *Monthly Treasury Statement*, and other data sources used to derive the federal-sector estimates in the NIPAs. However, at present, the related transactions are excluded from the NIPA estimates of government current receipts and expenditures by means of a "geographic" coverage adjustment that is shown in NIPA tables 3.18A and 3.18B.

New treatment. To achieve consistency within the NIPA framework, a number of transactions between the U.S. government and the territories of Guam, the U.S. Virgin Islands, and American Samoa and the commonwealths of Puerto Rico and the Northern Mariana Islands will be recognized as transactions between the United States and the rest of the world.

The major categories of transactions between the federal government and the territories and commonwealths that will be reclassified as government current receipts and expenditures are as follows: contributions for government social insurance, government social benefits, grants, and subsidies.

Effects on the accounts. Classifying the transactions with the territories and commonwealths as U.S. government transactions with the rest of the world will have a very limited effect on three NIPA summary accounts; these effects are summarized in table 3. In the personal income and outlay account (account 3), the title of line 25 will become "less: contributions for government social insurance, domestic" to reflect that only the "domestic contributions" are included. In the government receipts and expenditures account (account 4), line 19 "contributions for government social insurance" will now include both "domestic contributions" and "rest-ofthe-world contributions." Finally, in the foreign transactions current account (account 5), line 18, which shows current taxes and transfer payments "from government (net)" will include rest-of-the-world contributions, which are a form of transfer payments shown in line 16 "current taxes and transfer payments to the rest of the world (net)."

Table 3. Changes to Select NIPA Summary Accounts From Reclassifying Transactions
Between the Federal Government and U.S. Territories and Commonwealths

Account 3. Personal Income and Outlay Account										
Line	Line									
1 Personal current taxes 2 Personal outlays 3 Personal consumption expenditures 4 Personal interest payments 5 Personal current transfer payments 6 To government 7 To the rest of the world (net) 8 Personal saving	11 12 13 14 15 16 17 18 19 20 21 22 23 24	Compensation of employees, received Wage and salary disbursements Domestic Rest of the world Supplements to wages and salaries Employer contributions for employee pension and insurance funds Employer contributions for government social insurance Proprietors' income with inventory valuation and capital consumption adjustments Rental income of persons with capital consumption adjustment Personal income receipts on assets Personal interest income Personal dividend income Personal current transfer receipts Government social benefits From business (net) Less: Contributions for government social insurance, domestic								
9 PERSONAL TAXES, OUTLAYS, AND SAVING	26	PERSONAL INCOME								
Account 4. Government Rec	eipts a	pts and Expenditures Account								
Line	Line									
 1 Consumption expenditures 2 Current transfer payments 3 Government social benefits 4 To persons 5 To the rest of the world 6 Other current transfer payments to the rest of the world (net) 7 Interest payments 8 Subsidies 9 Less: Wage accruals less disbursements 10 Net government saving 11 Federal 12 State and local 	15 16 17 18 19 20 21 22 23 24 25 26 27	Rest of the world								
13 GOVERNMENT CURRENT EXPENDITURES AND NET SAVING	29	GOVERNMENT CURRENT RECEIPTS								

Line		Line	
	Exports of goods and services Income receipts from the rest of the world Wage and salary receipts Income receipts on assets Interest Dividends Reinvested earnings on U.S. direct investment abroad	10 11 12 13 14 15 16 17	Imports of goods and services Income payments to the rest of the world Wage and salary payments Income payments on assets Interest Dividends Reinvested earnings on foreign direct investment in the United States Current taxes and transfer payments to the rest of the world (net) From persons (net)
8	CURRENT RECEIPTS FROM THE REST OF THE WORLD		From government (net) From business (net) Balance on current account, national income and product accounts CURRENT PAYMENTS TO THE REST OF THE WORLD AND BALANCE ON CURRENT ACCOUNT

Insurance services provided by government enterprises

In the 2003 comprehensive revision of the NIPAs, the treatment of insurance services provided by property and casualty enterprises in the private sector was changed to recognize the implicit services funded by investment income and to provide a more appropriate treatment of insured losses.¹⁴ This treatment will now be applied to the property and casualty insurance services provided by two federal government insurance enterprises—the National Flood Insurance Program (NFIP) and the Federal Crop Insurance Corporation (FCIC)—and by one state enterprise—the Florida Citizens Property Insurance Corporation (CPIC).¹⁵

Current treatment. The current methodology for measuring the current surplus of government property and casualty insurance enterprises is

(1) Current surplus = Revenues + Subsidies – Expenses where

- (1a) Revenues = Insurance premiums
- (1b) Subsidies = Subsidies from other levels of government, for example, from the federal government to a state and local government
- (1c) Expenses = Actual losses + Compensation + Intermediate inputs + CFC

In anticipation of the change in treatment of insurance services provided by government enterprises in the upcoming comprehensive revision, the current methodology was adjusted when large disasters occurred. For example, in 2004, when a series of hurricanes caused significant damage in Florida, BEA reclassified the large insurance payouts made by the CPIC as negative current transfer receipts from business.¹⁶ Similarly, in 2005, the payouts made by the NFIP when Hurricane Katrina hit the Gulf Coast were classified in the same way.

New treatment. Consistent with the treatment of insurance enterprises in the private sector, the value of the expected investment income on the reserve funds held by government insurance enterprises would

be added to the value of premiums.¹⁷ This implicit component of insurance services is called a *premium supplement* and reflects the fact that in setting premiums, insurance companies take into account the expected income earned from investing these reserves. However, for government enterprises, there is little evidence that investment income on technical reserves significantly affects premiums partly because reserve funds are either small or do not exist.

Like insurance enterprises in the private sector, normal losses will be substituted for actual losses incurred in a period in calculating the value of insurance services of government enterprises. This change recognizes that in setting premiums, insurance enterprises do not yet know the actual losses in a period, and as a consequence, normal losses may be used as an approximation. Equation (1c) becomes

(1c*) Expenses = Normal losses + Compensation +
Intermediate inputs + CFC

This substitution in turn reduces the large swings in measured services when actual losses differ from expectations.

Normal losses will be calculated using the same methodology adopted for the private sector during the 2003 comprehensive revision.¹⁸ Specifically, normal losses will be calculated as a geometric-weighted moving average of past loss ratios (the ratio of actual losses to premiums earned) multiplied by the premiums earned during the current period. Source data on premiums collected and losses paid by the FCIC and the NFIP are identifiable in the *U.S. Budget Appendix.* Source data for the CPIC are available in the Census Bureau *Government Finances* surveys.

Consistent with the treatment of insurance enterprises in the private sector, the difference between the actual losses and the normal losses—the net insurance settlements—will be shown as negative "current transfer receipts from business" for most periods. Net insurance settlements related to catastrophic events will be treated as capital transfer payments (see "Treatment of disasters").

Subsidies to federal insurance enterprises. To further improve the consistency between the treatment of private insurance enterprises and of government insurance enterprises, subsidies paid from the federal

^{14.} See Moulton and Seskin, 19–23. The treatment of reinsurance was also changed, but it is not a factor for government enterprises.

^{15.} Other state and local government insurance enterprises exist or are being formed, but they are either very small or are not yet in the source data. BEA will monitor developments in this area and include additional entities in this treatment when appropriate.

^{16.} Government enterprise insurance payouts are shown as negative current transfer receipts from business in order to reflect the fact that private insurance companies obtain the coverage for policyholders from the government.

^{17.} In the NIPAs, these reserve funds, or technical reserves, are considered to be owned by policyholders, and they consist of (1) premiums that have been paid to an insurance entity but that are not yet earned because the period for which insurance has been purchased has not yet occurred and (2) insured losses that have occurred but for which policyholders have not yet received payment.

^{18.} See Chen and Fixler, 13–16.

government to federal insurance enterprises—specifically, to the FCIC—will now be included in calculating the current surplus of government insurance enterprises. This new treatment will also provide consistency with the treatment recommended by the *SNA* 2008.

The current treatment of excluding subsidies paid from the federal government to federal insurance enterprises from the calculation of the current surplus of these enterprises was based on the general exclusion of subsidy payments from one federal entity to another in the NIPAs. However, in undertaking the research behind the change in treatment of the insurance services provided by federal insurance enterprises, it became clear that the current treatment of the subsidy was not accurately reflecting the operations of the FCIC, which was using the payment as revenue in its operating activities, such as the setting of premium prices and of the terms of insurance policies. At this time, only subsidies to federal insurance enterprises, such as the FCIC, will be treated as revenue in calculating their current surplus.

Changes in Presentations

Several changes in presentations will be implemented, including the following:

- Table changes that reflect the changes in definitions described above
- •The new classification system for personal consumption expenditures
- A new presentation of the estimates of private fixed investment in structures for 1929–96 consistent with the estimates beginning with 1997
- •A change in the reference year—from 2000 to 2005—for chain-type quantity and price indexes and for chained-dollar estimates
- A change in the terminology used to describe the vintages of the current quarterly GDP estimates

Detailed changes in the NIPA tables are presented in table 4, beginning on page 21.

Table changes reflecting changes in definitions. Most table changes that result from changes in definitions are described above or in table 4. The change in the treatment of disasters will have notable effects on several NIPA tables that were not previously discussed: "Table 1.12. National Income by Type of Income," "Table 5.1. Saving and Investment," "Table 5.10. Capital Transfers (Net)," and tables 7.14 and 7.16, which show the relation of NIPA nonfarm proprietors' income and of NIPA corporate profits to corresponding measures published by the Internal Revenue Service.

In table 1.12, the net corporate cash flow detail will be modified. Net corporate cash flow, measured as undistributed profits with capital consumption adjustment plus corporate CFC, measures the funds generated as a result of the production process that are available for investment. With the new treatment, disaster-related insurance payouts will not be treated as current expenses and will not be included in the calculation of corporate profits. However, insurance payouts made by private insurance companies reduce their cash flow available for investment (and insurance receipts by companies suffering losses add to the companies' cash flow available for investment). Therefore, in order to continue to include the net effect of these capital transfer payments and receipts in the calculation of corporate net cash flow, a line will be added—"Less: Capital transfers paid (net)"—as part of the derivation of cash flow in table 1.12.

In NIPA table 5.1, the addenda will be expanded to include disaster losses for private domestic business, households and institutions, and federal and state and local governments. In NIPA table 5.10, detail will be added that shows the net capital transfers received by businesses and by persons. In NIPA tables 7.14 and 7.16, disaster losses will be an additional reconciliation item for nonfarm proprietors' income and for corporate profits.

New classification system for personal consumption expenditures (PCE). As noted above, a new classification system for PCE will be incorporated in the comprehensive revision. This new system defines new categories of expenditures by type of product and by function to reflect changes that have occurred in consumer buying patterns since the 1940s when the currently used classifications were developed and to bring the classifications of expenditures closer to the recommendations of the *SNA 2008*.¹⁹ This new system will result in a significant redesign of the NIPA tables (see also the box "Availability of Redesigned Tables").

The new product structure retains the three major product types of the current structure: durable goods, nondurable goods, and services. In addition, a new aggregate "goods"—the sum of durable goods and nondurable goods—will be added.

Changes to the current structure include the following:

- The separate identification within services of household consumption from nonprofit consumption (expenses of nonprofit institutions serving households);
- The addition of new major product categories, such as recreational goods and vehicles, food services and accommodations, and financial services and insurance;

^{19.} See McCully and Teensma, 6-17.

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• The reclassification of purchased meals and beverages from nondurable goods to services under food services and accommodations. This change is more consistent with the definition of services as products that cannot be stored and that are consumed at the place and time of purchase.

In the new product structure, durable goods has four major product types; in the current structure, it has three. The additional type is recreational goods and vehicles. The new structure for nondurable goods has four major product types that except for food, are generally similar to the current structure. Under the new structure, food will consist only of "food and beverages purchased for off-premises consumption." Another major change in the new structure is that services will separately identify household consumption expenditures from final consumption expenditures of nonprofit institutions serving households (NPISHs). This change will also improve consistency with the Bureau of Labor Statistics measures of household expenditures and the related classifications used for the consumer price index.

The new functional structure replaces the current structure of presenting PCE by type of expenditure. In addition, a major feature of the new structure is the separation of PCE into household consumption expenditures and final consumption expenditures of NPISHs, which is consistent with the services part of the new product structure. The new functional structure also includes three new categories: communication, food services and accommodations, and financial services and insurance.

Because of the reclassification of purchased meals and beverages from nondurable goods to services, PCE excluding food and energy will be redefined. In the new structure, what is often referred to as the "core" PCE price index will include food services. The redefined price index will be more consistent with the purpose of a core price index—to strip away volatile components to reveal "underlying" inflation—because the prices of food services are relatively stable, and this product category's importance has grown over time.²⁰

Similarly, the market-based PCE price index—which measures prices of goods and services purchased by, or on behalf of, households, using component consumer price indexes and producer price indexes—will be redefined. Under the current structure, the market-based PCE price index excludes the expenses of NPISHs and imputed expenditures except for owner-occupied space rent. Under the new classification, the sales of primary services to households by NPISHs will be included in the market-based PCE price index.

The redefined market-based PCE and market-based PCE excluding food and energy price indexes will be added to the addenda of NIPA tables 2.3.4 and 2.8.4, which feature quarterly and monthly PCE price indexes, respectively. In addition, two new NIPA tables that present the percent change in PCE prices will be introduced: table 2.3.7 will present quarterly and annual estimates, and table 2.8.7 will present monthly estimates.

Other changes in presentations

Private fixed investment in structures. In the 2003 comprehensive revision, the NIPA estimates of nonresidential structures, beginning with the estimates for 1997, were classified by function rather than by type. As a result, NIPA tables 5.4.1–5.4.6, which present private fixed investment in structures, were split into two parts: part A, which presented estimates by type from 1929–97, and part B, which presented estimates by type from rehensive revision, the part A series of tables will be restated in the functional presentation, the part A series of tables by type will be discontinued, and the "B" designation will be dropped from the table title.

Updated reference year. For the upcoming comprehensive revision, BEA will feature output and price measures that use 2005 as the reference year; currently, 2000 is used as the reference year. Quantity and price indexes at the most detailed level will be expressed as 2005 equal to 100 and will provide the inputs used for calculating higher level chain-type measures. The estimates for most tables showing "real," or chained-dollar, estimates will begin with 1995.²¹

Updating the reference year will not affect the percent changes in the price or quantity indexes (or chained-dollar estimates), because these changes are measured as chain-type indexes.²² Revisions to the percent changes in NIPA aggregates will reflect the incorporation of newly available and revised source data as well as changes in definitions, classifications, and methodologies.

New names for vintages of current quarterly GDP estimates. Effective with the release of the comprehensive revision in July, the three vintages of the current quarterly estimates of GDP will be named "advance,"

^{20.} See Clinton P. McCully, "The PCE Price Index: Core Issues" (paper presented at the BEA Advisory Committee Meeting, November 3, 2006); www.bea.gov/about/pdf/1106_ACM_PCE.pdf.

^{21.} The reference years used in tables 1.1.6A, 1.1.6B, and 1.1.6C (1937, 1952, and 1972, respectively) will not be changed. Table 1.1.6D will present chained-dollar estimates for 1977–97 using 1987 as the reference year.

^{22.} See J. Steven Landefeld and Robert P. Parker, "Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices," SURVEY 75 (July 1995): 31–38.

"second," and "third." The new terminology will not only be more straightforward than the current designations, but it will also be more accurate in describing the vintages of the estimates.

The estimates released near the end of the first month after the end of the quarter will continue to be designated "advance" estimates. The term recognizes that for many important components of GDP, assumptions must be made for the missing third month of source data. The estimates released near the end of the second month after the end of the quarter, which have been designated "preliminary" estimates, will be renamed "second" estimates. The new terminology will be less ambiguous because in many statistical agencies (including BEA), "preliminary" is often used for the first available estimates, which has not been the case for the "preliminary" GDP estimates.

The estimates released near the end of the third month after the end of the quarter will be named "third" estimates instead of "final" estimates. This change recognizes that the present designation has caused confusion for data users because in fact, the estimates are not "final"; they are revised during subsequent annual revisions and comprehensive revisions.

Expanded table. "Table 3.2. Federal Government Current Receipts and Expenditures" will show an additional line for dividends under "income receipts on assets." This addition reflects the increasing importance of dividends received by the federal government as a result of the intervention in response to the current financial crisis.²³ Estimates will begin with the third quarter of 2004.

Discontinued tables. Several NIPA tables will be discontinued. As mentioned above, part A of the table on private fixed investment in structures (NIPA table family 5.4.1–5.4.6) will be discontinued, and the 5.4.1–5.4.6 part B tables will be restated historically.

As previously announced, "Table 7.19. Comparisons of Personal Income in the NIPAs with Adjusted Gross Income as Published by the Internal Revenue Service" and tables 8.1, 8.2, 8.5, and 8.6, which present the seasonally unadjusted estimates for GDP, PCE, foreign transactions, and corporate profits, respectively, will be discontinued because of budgetary considerations.²⁴

Tables 8.3 and 8.4, which present seasonally unadjusted federal and state and local government current receipts and expenditures, will be renumbered tables 3.22 and 3.23, respectively.

Table 4 follows.

^{23.} For a discussion of this intervention, see the box "The 2008 Financial Crisis and the National Accounts" by Benjamin Mandel, SURVEY 89 (February 2009): 7.

^{24.} See "Impact of 2008 Federal Budget on the Availability and Quality of Data from the Bureau of Economic Analysis" on BEA's Web site at www.bea.gov/agency/availability_and_quality_of_data.htm.

Table number		Table title	Comments ¹
New	Old		Commonto
		Summary Table	1
A	A	Summary National Income and Product Accounts	Summary account one includes new line for PCE goods. Summary account 3 "contributions for government social insurance" renamed "contributions for government social insurance, domestic"; see text. Summary accounts 6 and 7 include new detail for "capital account transactions (net)". "transfer payments for catastrophic losses" and "other capital account transactions"; see text.
		1. National Product and Income	
1.1.1*	1.1.1*	Percent Change From Preceding Period in Real Gross Domestic Product	Includes new line for PCE goods.
1.1.2*	1.1.2*	Contributions to Percent Change in Real Gross Domestic Product	Includes new line for PCE goods.
1.1.3*	1.1.3*	Real Gross Domestic Product, Quantity Indexes	Includes new line for PCE goods.
1.1.4*	1.1.4*	Price Indexes for Gross Domestic Product	Includes new line for PCE goods.
1.1.5*	1.1.5*	Gross Domestic Product	Includes new line for PCE goods.
1.1.6*	1.1.6*	Real Gross Domestic Product, Chained Dollars	Chained (2005) dollars. Includes new line for PCE goods.
1.1.6A		Real Gross Domestic Product, Chained (1937) Dollars	Includes new line for PCE goods.
1.1.6B		Real Gross Domestic Product, Chained (1952) Dollars	Includes new line for PCE goods.
1.1.6C		Real Gross Domestic Product, Chained (1972) Dollars	Includes new line for PCE goods.
1.1.6D		Real Gross Domestic Product, Chained (1972) Dollars	Includes new line for PCE goods. Reference year changed from 1982 t
			1987. Annual and guarterly estimates presented for 1977–1997.
1.1.7*	1.1.7*	Percent Change From Preceding Period in Prices for Gross Domestic Product	Includes new line for PCE goods.
1.1.8*		Contributions to Percent Change in the Gross Domestic Product Price Index	Includes new line for PCE goods.
1.1.9*		Implicit Price Deflators for Gross Domestic Product	Includes new line for PCE goods.
1.1.10*		Percentage Shares of Gross Domestic Product	Includes new line for PCE goods.
1.2.1*		Percent Change From Preceding Period in Real Gross Domestic Product by Major Type of Product	
1.2.2*		Contributions to Percent Change in Real Gross Domestic Product by Major Type of Product	
1.2.3*		Real Gross Domestic Product by Major Type of Product, Quantity Indexes	
1.2.4*		Price Indexes for Gross Domestic Product by Major Type of Product	
1.2.5*		Gross Domestic Product by Major Type of Product	
1.2.6*		Real Gross Domestic Product by Major Type of Product, Chained Dollars	
1.3.1*		Percent Change From Preceding Period in Real Gross Value Added by Sector	
1.3.3*		Real Gross Value Added by Sector, Quantity Indexes	
1.3.4*		Price Indexes for Gross Value Added by Sector	
1.3.5*		Gross Value Added by Sector	
1.3.6*		Real Gross Value Added by Sector, Chained Dollars	
1.4.1*		Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers	
1.4.3* 1.4.4*		Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers, Quantity Indexes Price Indexes for Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic	
1.4.5*		Purchasers Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic	
1.4.6*	1.4.6*	Purchasers Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Demostic Purchaser, Chained Dalace	
1.5.1*	1.5.1*	Domestic Purchasers, Chained Dollars Percent Change From Preceding Period in Real Gross Domestic Product, Expanded Detail	Includes new line for PCE goods. PCE categories modified to reflect n classification structure; see text.
1.5.2*	1.5.2*	Contributions to Percent Change in Real Gross Domestic Product, Expanded Detail	Reflects new 1.5.1 detail.
1.5.3*		Real Gross Domestic Product, Expanded Detail, Quantity Indexes.	
1.5.4*		Price Indexes for Gross Domestic Product, Expanded Detail	Reflects new 1.5.1 detail.
1.5.5*		Gross Domestic Product, Expanded Detail	
1.5.6*		Real Gross Domestic Product, Expanded Detail, Chained Dollars	Reflects new 1.5.1 detail.
1.6.4*	1.6.4*	Price Indexes for Gross Domestic Purchases	Includes new line for PCE goods. PCE categories modified to reflect n classification structure; see text.
1.6.7*		Percent Change From Preceding Period in Prices for Gross Domestic Purchases	Reflects new 1.6.4 detail.
1.6.8*		Contributions to Percent Change in the Gross Domestic Purchases Price Index	Reflects new 1.6.4 detail.
1.7.1*		Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross National Product, and Real Net National Product	
1.7.3*		Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Quantity Indexes	
1.7.4* 1.7.5*		Price Indexes for Gross Domestic Product, Gross National Product, and Net National Product Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income	"Contributions for government social insurance" renamed "contribution
1.7.6*	1.7.6*	Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Chained Dollars	for government social insurance, domestic"; see text.
1.8.3*	1.8.3*	Command-Basis Real Gross National Product, Quantity Indexes	
1.8.6*		Command-Basis Real Gross National Product, Chained Dollars	

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Table 4. Changes to the NIPA Tables—Continues

Table number		Table title	Comments ¹	
New	Old			
		1. National Product and Income	1	
1.9.3		Real Net Value Added by Sector, Quantity Indexes		
1.9.4		Price Indexes for Net Value Added by Sector		
1.9.5		Net Value Added by Sector		
1.9.6	1.9.6	Real Net Value Added by Sector, Chained Dollars		
1.10*		Gross Domestic Income by Type of Income		
1.11		Percentage Shares of Gross Domestic Income		
1.12*	1.12*	National Income by Type of Income	Corporate cash flow detail includes new line "less: capital transfers pa (net)," reflecting the change in the treatment of disasters; see text.	
1.13	1.13	National Income by Sector, Legal Form of Organization, and Type of Income	(not), renoving the change in the reductor of distation, see text.	
1.14*		Gross Value Added of Corporate Business in Current Dollars and Gross Value Added of Nonfinancial Corporate Business in Current and Chained Dollars		
1.15*	1.15*	Price, Costs, and Profit Per Unit of Real Gross Value Added of Nonfinancial Corporate Business		
1.16		Sources and Uses of Private Enterprise Income		
		2. Personal Income and Outlays		
2.1*	2.1*	Personal Income and Its Disposition	"Contributions for government social insurance" renamed "contribution	
2 2 4	<u>م</u> م ۸	Wago and Salary Disburgomonts by Industry	for government social insurance, domestic"; see text.	
2.2A 2.2B*		Wage and Salary Disbursements by Industry Wage and Salary Disbursements by Industry		
2.2D 2.3.1*	2.2D 2.3.1*	Percent Change From Preceding Period in Real Personal Consumption Expenditures by Major Type		
2.3.2*	2.3.2*	of Product Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product	Categories changed to reflect new PCE classification structure. Categories changed to reflect new PCE classification structure.	
0 0 0*	000*		Categories changed to reflect new PCE classification structure.	
2.3.3* 2.3.4*		Real Personal Consumption Expenditures by Major Type of Product, Quantity Indexes Price Indexes for Personal Consumption Expenditures by Major Type of Product	Categories changed to reflect new PCE classification structure.	
2.3.4	2.3.4	Price indexes for Personal Consumption Expenditures by Major Type of Product	Categories changed to reliect new PCE classification structure. Adder lines added for "Market-based PCE" and "Market-based PCE exclud food and energy."	
2.3.5*	2.3.5*	Personal Consumption Expenditures by Major Type of Product	Categories changed to reflect new PCE classification structure.	
2.3.6*		Real Personal Consumption Expenditures by Major Type of Product, Chained Dollars	Categories changed to reflect new PCE classification structure.	
2.3.7*		Percent Change from Preceding Period in Prices for Personal Consumption Expenditures by Major Type of Product.	New table. Reflects 2.3.4 detail.	
2.4.3	2/3	Real Personal Consumption Expenditures by Type of Product, Quantity Indexes	Categories changed to reflect new PCE classification structure.	
2.4.3		Price Indexes for Personal Consumption Expenditures by Type of Product, Quantity Indexes	Categories changed to reflect new PCE classification structure.	
2.4.5		Personal Consumption Expenditures by Type of Product	Categories changed to reflect new PCE classification structure.	
		Real Personal Consumption Expenditures by Type of Product, Chained Dollars	Categories changed to reflect new PCE classification structure.	
2.4.6				
2.5.3		Real Personal Consumption Expenditures by Type of Expenditure, Quantity Indexes	Categories changed to reflect new PCE classification structure.	
2.5.4		Price Indexes for Personal Consumption Expenditures by Type of Expenditure	Categories changed to reflect new PCE classification structure.	
2.5.5		Personal Consumption Expenditures by Type of Expenditure	Categories changed to reflect new PCE classification structure.	
2.5.6		Real Personal Consumption Expenditures by Type of Expenditure, Chained Dollars	Categories changed to reflect new PCE classification structure.	
2.6	2.6	Personal Income and Its Disposition, Monthly	"Contributions for government social insurance" renamed "contribution for government social insurance, domestic"; see text.	
2.7A	2.7A	Wage and Salary Disbursements by Industry, Monthly	· · · · · · · · · · · · · · · · · · ·	
2.7B		Wage and Salary Disbursements by Industry, Monthly		
2.8.1		Percent Change From Preceding Period in Real Personal Consumption Expenditures by Major Type of Product, Monthly.	Includes new line for PCE goods.	
2.8.3	2.8.3	Real Personal Consumption Expenditures by Major Type of Product, Monthly, Quantity Indexes	Includes new line for PCE goods.	
2.8.4		Price Indexes for Personal Consumption Expenditures by Major Type of Product, Monthly	Includes new line for PCE goods. Addenda lines added for "PCE ener	
			goods and services," "PČE excluding food and energy," "Market-bas PCE," and "Market-based PCE excluding food and energy."	
2.8.5		Personal Consumption Expenditures by Major Type of Product, Monthly	Includes new line for PCE goods.	
2.8.6		Real Personal Consumption Expenditures by Major Type of Product, Monthly, Chained Dollars	Includes new line for PCE goods.	
2.8.7		Percent Change from Preceding Period in Prices for Personal Consumption Expenditures by Major	New table Deflects 0.0.4 datail	
		Type of Product, Monthly	New table. Reflects 2.8.4 detail.	
2.9	2.9	Personal Income and Its Disposition by Households and by Nonprofit Institutions Serving Households	"Nonprofit institution gross consumption expenditures" changed to "gr output of nonprofit institutions." New detail on the gross output and the receipts from sales of nonprofit institutions serving households presented, reflecting the new PCE classification structure. "Contributions for government social insurance" renamed "contributi for government social insurance, domestic"; see text.	

Table ni		Table title	Comments 1
New	Old		
r		3. Government Current Receipts and Expenditu	res
3.1*		Government Current Receipts and Expenditures	
3.2*		Federal Government Current Receipts and Expenditures	Includes new "dividends" line under "income receipts on assets"; see tex
3.3*		State and Local Government Current Receipts and Expenditures	
3.4		Personal Current Tax Receipts	
3.5 3.6		Taxes on Production and Imports Contributions for Government Social Insurance	New line added for "rest-of-the-world" contributions; see text.
3.0		Government Current Transfer Receipts	new line added for rest-of-the-world contributions, see text.
3.8		Current Surplus of Government Enterprises	
3.9.1*		Percent Change From Preceding Period in Real Government Consumption Expenditures and Gross Investment	
3.9.2*		Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment	
3.9.3*		Real Government Consumption Expenditures and Gross Investment, Quantity Indexes	
3.9.4* 3.9.5*		Price Indexes for Government Consumption Expenditures and Gross Investment Government Consumption Expenditures and Gross Investment	
3.9.5 3.9.6*		Real Government Consumption Expenditures and Gross Investment Real Government Consumption Expenditures and Gross Investment, Chained Dollars	
3.9.6 3.10.1*		Percent Change From Preceding Period in Real Government Consumption Expenditures and General Government Gross Output	
3.10.3*	3.10.3*	Real Government Consumption Expenditures and General Government Gross Output, Quantity Indexes	
3.10.4*		Price Indexes for Government Consumption Expenditures and General Government Gross Output	
3.10.5* 3.10.6*		Government Consumption Expenditures and General Government Gross Output Real Government Consumption Expenditures and General Government Gross Output, Chained Dollars	
3.11.1*	3.11.1*	Percent Change From Preceding Period in Real National Defense Consumption Expenditures and Gross Investment by Type	
3.11.3*	3.11.3*	Real National Defense Consumption Expenditures and Gross Investment by Type, Quantity Indexes	
3.11.4*		Price Indexes for National Defense Consumption Expenditures and Gross Investment by Type	
3.11.5*		National Defense Consumption Expenditures and Gross Investment by Type	
3.11.6*		Real National Defense Consumption Expenditures and Gross Investment by Type, Chained Dollars	
3.12	3.12	Government Social Benefits	"Food stamp benefits" series renamed "Supplemental Nutritional Assistance Program (SNAP)."
3.13	3.13	Subsidies	
3.14	3.14	Government Social Insurance Funds Current Receipts and Expenditures	New line added for federal "rest-of-the-world" contributions.
3.15.3		Real Government Consumption Expenditures and Gross Investment by Function, Quantity Indexes	
3.15.5		Government Consumption Expenditures and Gross Investment by Function	
3.15.6		Real Government Consumption Expenditures and Gross Investment by Function, Chained Dollars	
3.16		Government Current Expenditures by Function Selected Government Current Expenditures by Function	Includes new "income convit." line under "federal conital transfere raid"
3.17	3.17	Selected Government Current Expenditures by Function	Includes new "income security" line under "federal capital transfers paid; to reflect the portion of the military retirement lump sum payment that i capital transfers.
3.18A		Relation of Federal Government Current Receipts and Expenditures in the National Income and Product Accounts to the Consolidated Cash Statement, Fiscal Years.	"Geographic" coverage lines eliminated.
3.18B 3.19		Relation of Federal Government Current Receipts and Expenditures in the National Income and Product Accounts to the Budget, Fiscal Years Relation of State and Local Government Current Receipts and Expenditures in the National Income	"Geographic" coverage lines eliminated.
		and Product Accounts to Bureau of Census Government Finances Data, Fiscal Years	
3.20		State Government Current Receipts and Expenditures	
3.21		Local Government Current Receipts and Expenditures	
3.22 3.23		Federal Government Current Receipts and Expenditures, Not Seasonally Adjusted State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted	
3.23	8.4	State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted	
** *		4. Foreign Transactions	
4.1* 4.2.1*		Foreign Transactions in the National Income and Product Accounts Percent Change From Preceding Period in Real Exports and Imports of Goods and Services by Type of Product	
4.2.2*		Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product	
4.2.3*		Real Exports and Imports of Goods and Services by Type of Product, Quantity Indexes	
4.2.4*		Price Indexes for Exports and Imports of Goods and Services by Type of Product	
4.2.5*		Exports and Imports of Goods and Services by Type of Product	
4.2.6*		Real Exports and Imports of Goods and Services by Type of Product, Chained Dollars	
4.3A 4.3B		Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding	
	1.00	Items in the International Transactions Accounts	

See the footnote and note at the end of the table.

Table number		Table title	Comments ¹	
New	Old			
		5. Saving and Investment		
5.1*	5.1*	Saving and Investment	Addenda expanded to include lines for "disaster losses," representing	
5.2.3	523	Real Gross and Net Investment by Major Type, Quantity Indexes	damages to fixed assets; see text.	
5.2.5		Gross and Net Investment by Major Type		
5.2.6		Real Gross and Net Investment by Major Type, Chained Dollars		
5.3.1*		Percent Change From Preceding Period in Real Private Fixed Investment by Type		
5.3.2*		Contributions to Percent Change in Real Private Fixed Investment by Type		
5.3.3*		Real Private Fixed Investment by Type, Quantity Indexes		
5.3.4*		Price Indexes for Private Fixed Investment by Type		
5.3.5*		Private Fixed Investment by Type		
5.3.6*		Real Private Fixed Investment by Type, Chained Dollars		
5.4.1			Table begins in 1930.	
5.4.2		Contributions to Percent Change in Real Private Fixed Investment in Structures by Type	Table begins in 1930.	
5.4.3	5.4.3B	Real Private Fixed Investment in Structures by Type, Quantity Indexes	Table begins in 1929.	
5.4.4	5.4.4B	Price Indexes for Private Fixed Investment in Structures by Type	Table begins in 1929.	
5.4.5	5.4.5B	Private Fixed Investment in Structures by Type	Table begins in 1929.	
5.4.6	5.4.6B	Real Private Fixed Investment in Structures by Type, Chained Dollars	Table begins in 1995.	
5.5.1	5.5.1	Percent Change From Preceding Period in Real Private Fixed Investment in Equipment and Software by Type		
5.5.2	5.5.2	Contributions to Percent Change in Real Private Fixed Investment in Equipment and Software by Type		
5.5.3	5.5.3	Real Private Fixed Investment in Equipment and Software by Type, Quantity Indexes		
5.5.4		Price Indexes for Private Fixed Investment in Equipment and Software by Type		
5.5.5		Private Fixed Investment in Equipment and Software by Type		
5.5.6		Real Private Fixed Investment in Equipment and Software by Type, Chained Dollars		
5.6.5A		Change in Private Inventories by Industry		
6.5B*		Change in Private Inventories by Industry		
5.6.6A		Real Change in Private Inventories by Industry, Chained Dollars		
5.6.6B*		Real Change in Private Inventories by Industry, Chained Dollars		
5.7.5A		Private Inventories and Domestic Final Sales of Business by Industry		
5.7.5B*		Private Inventories and Domestic Final Sales by Industry		
5.7.6A		Real Private Inventories and Real Domestic Final Sales of Business by Industry, Chained Dollars		
5.7.6B*		Real Private Inventories and Real Domestic Final Sales by Industry, Chained Dollars		
5.7.9A		Implicit Price Deflators for Private Inventories by Industry		
.7.9B*		Implicit Price Deflators for Private Inventories by Industry		
5.8.3A		Real Gross Government Fixed Investment by Type, Quantity Indexes		
5.8.3B		Real Gross Government Fixed Investment by Type, Quantity Indexes		
5.8.4A		Price Indexes for Gross Government Fixed Investment by Type		
5.8.4B		Price Indexes for Gross Government Fixed Investment by Type		
5.8.5A		Gross Government Fixed Investment by Type		
5.8.5B		Gross Government Fixed Investment by Type		
5.8.6A		Real Gross Government Fixed Investment by Type, Chained Dollars		
5.8.6B 5.9		Real Gross Government Fixed Investment by Type, Chained Dollars Changes in Net Stock of Produced Assets (Fixed Assets and Inventories)	"Consumption of fixed capital, except disaster losses" renamed	
5.9	5.9		"consumption of fixed capital." Private fixed assets detail under "of changes in volume of assets" added for "nonresidential structures, "nonresidential equipment and software," and "residential fixed ass see text. Addenda expanded to include "sale of equipment scrap; excluding autos" and "other." ("Other" will consist primarily of statis revisions to the NIPAs that have not been incorporated into the fixe assets accounts.)	
5.10	5.10	Capital Transfers (Net)	Table expanded to include detail on capital transfers between busine	
	00		persons, governments, and the "rest of the world"; see text.	

6. Income and Employment by Industry

6.1A	6.1A	National Income Without Capital Consumption Adjustment by Industry	
6.1B	6.1B	National Income Without Capital Consumption Adjustment by Industry	
6.1C	6.1C	National Income Without Capital Consumption Adjustment by Industry	
6.1D*	6.1D*	National Income Without Capital Consumption Adjustment by Industry	
6.2A	6.2A	Compensation of Employees by Industry	
6.2B	6.2B	Compensation of Employees by Industry	
6.2C	6.2C	Compensation of Employees by Industry	
6.2D	6.2D	Compensation of Employees by Industry	
6.3A	6.3A	Wage and Salary Accruals by Industry	
6.3B	6.3B	Wage and Salary Accruals by Industry	
6.3C	6.3C	Wage and Salary Accruals by Industry	
6.3D	6.3D	Wage and Salary Accruals by Industry	

	umber	Table title	Comments ¹
Vew	Old		
		6. Income and Employment by Industry	
6.4A	6.4A	Full-Time and Part-Time Employees by Industry	
6.4B		Full-Time and Part-Time Employees by Industry	
6.4C		Full-Time and Part-Time Employees by Industry	
6.4D		Full-Time and Part-Time Employees by Industry	
6.5A		Full-Time Equivalent Employees by Industry	
6.5B 6.5C		Full-Time Equivalent Employees by Industry Full-Time Equivalent Employees by Industry	
6.5D		Full-Time Equivalent Employees by Industry	
6.6A		Wage and Salary Accruals Per Full-Time Equivalent Employee by Industry	
6.6B		Wage and Salary Accruals Per Full-Time Equivalent Employee by Industry	
6.6C		Wage and Salary Accruals Per Full-Time Equivalent Employee by Industry	
6.6D		Wage and Salary Accruals Per Full-Time Equivalent Employee by Industry	
6.7A		Self-Employed Persons by Industry	
6.7B	6.7B	Self-Employed Persons by Industry	
6.7C		Self-Employed Persons by Industry	
6.7D		Self-Employed Persons by Industry	
6.8A		Persons Engaged in Production by Industry	
6.8B		Persons Engaged in Production by Industry	
6.8C		Persons Engaged in Production by Industry	
6.8D 6.9B		Persons Engaged in Production by Industry Hours Worked by Full-Time and Part-Time Employees by Industry	
6.9C		Hours Worked by Full-Time and Part-Time Employees by Industry	
6.9D		Hours Worked by Full-Time and Part-Time Employees by Industry	
6.10B		Employer Contributions for Government Social Insurance by Industry	
6.10C		Employer Contributions for Government Social Insurance by Industry	
6.10D		Employer Contributions for Government Social Insurance by Industry	
6.11A	6.11A	Employer Contributions for Employee Pension and Insurance Funds by Industry and by Type	
6.11B	6.11B	Employer Contributions for Employee Pension and Insurance Funds by Industry and by Type	
6.11C		Employer Contributions for Employee Pension and Insurance Funds by Industry and by Type	
6.11D		Employer Contributions for Employee Pension and Insurance Funds by Industry and by Type	
6.12A		Nonfarm Proprietors' Income by Industry	
6.12B		Nonfarm Proprietors' Income by Industry	
6.12C		Nonfarm Proprietors' Income by Industry	
6.12D 6.13A		Nonfarm Proprietors' Income by Industry Noncorporate Capital Consumption Allowances by Industry	
6.13A		Noncorporate Capital Consumption Allowances by Industry	
6.13C		Noncorporate Capital Consumption Allowances by Industry	
6.13D		Noncorporate Capital Consumption Allowances by Industry	
6.14A		Inventory Valuation Adjustment to Nonfarm Incomes by Legal Form of Organization and by Industry	
6.14B		Inventory Valuation Adjustment to Nonfarm Incomes by Legal Form of Organization and by Industry	
6.14C	6.14C	Inventory Valuation Adjustment to Nonfarm Incomes by Legal Form of Organization and by Industry	
6.14D	6.14D	Inventory Valuation Adjustment to Nonfarm Incomes by Legal Form of Organization and by Industry	
6.15A		Net Interest by Industry	
6.15B		Net Interest by Industry	
6.15C		Net Interest by Industry	
6.15D		Net Interest by Industry	
6.16A		Corporate Profits by Industry	
6.16B 6.16C		Corporate Profits by Industry Corporate Profits by Industry	
6.16D*		Corporate Profits by Industry	
6.17A		Corporate Profits Before Tax by Industry	
6.17B		Corporate Profits Before Tax by Industry	
6.17C		Corporate Profits Before Tax by Industry	
6.17D		Corporate Profits Before Tax by Industry	
6.18A		Taxes on Corporate Income by Industry	
6.18B		Taxes on Corporate Income by Industry	
6.18C		Taxes on Corporate Income by Industry	
6.18D		Taxes on Corporate Income by Industry	
6.19A		Corporate Profits After Tax by Industry	
6.19B		Corporate Profits After Tax by Industry	
6.19C		Corporate Profits After Tax by Industry	
6.19D		Corporate Profits After Tax by Industry	
6.20A		Net Corporate Dividend Payments by Industry	
6.20B 6.20C		Net Corporate Dividend Payments by Industry Net Corporate Dividend Payments by Industry	
6.20C		Net Corporate Dividend Payments by Industry	
0.200	0.200	not corporate Divident i dymenie by inductry	

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Table 4. Changes to the NIPA Tables—Continues

Table number		Table title	Comments ¹
New	Old		Commonio
		6. Income and Employment by Industry	
6.21A		Undistributed Corporate Profits by Industry	
6.21B		Undistributed Corporate Profits by Industry	
6.21C		Undistributed Corporate Profits by Industry	
6.21D	6.21D	Undistributed Corporate Profits by Industry	
6.22A	6.22A	Corporate Capital Consumption Allowances by Industry	
6.22B	6.22B	Corporate Capital Consumption Allowances by Industry	
6.22C	6.22C	Corporate Capital Consumption Allowances by Industry	
6.22D	6.22D	Corporate Capital Consumption Allowances by Industry	
		7. Supplemental Tables	
7.1*	7.1*	Selected Per Capita Product and Income Series in Current and Chained Dollars	Includes new lines for PCE goods.
7.2.1A		Percent Change from Preceding Period in Real Auto Output	Ŭ
7.2.1B*		Percent Change from Preceding Period in Real Motor Vehicle Output	
7.2.3A		Real Auto Output, Quantity Indexes	
7.2.3B*		Real Motor Vehicle Output, Quantity Indexes	
7.2.4A		Price Indexes for Auto Output	
7.2.4B*		Price Indexes for Motor Vehicle Output	
7.2.5A		Auto Output	
7.2.5B*		Motor Vehicle Output	
7.2.6B*		Real Motor Vehicle Output, Chained Dollars	
7.3.5		Farm Sector Output, Gross Value Added, and Net Value Added	
7.3.6		Real Farm Sector Output, Real Gross Value Added, and Real Net Value Added, Chained Dollars	
7.3.0		Housing Sector Output, Gross Value Added, and Net Value Added	
7.4.5		Real Housing Sector Output, Gloss value Added, and Net Value Added Real Housing Sector Output, Real Gross Value Added, and Real Net Value Added, Chained Dollars	
7.4.0		Consumption of Fixed Capital by Legal Form of Organization and Type of Income	
7.6		Capital Consumption Adjustment by Legal Form of Organization and Type of Adjustment	
7.7		Current Business Transfer Payments by Type	
7.8		Supplements to Wages and Salaries by Type	
7.9		Rental Income of Persons by Legal Form of Organization and by Type of Income	
7.10		Dividends Paid and Received by Sector	
7.11		Interest Paid and Received by Sector and Legal Form of Organization	
7.12		Imputations in the National Income and Product Accounts Relation of Consumption of Fixed Capital in the National Income and Product Accounts (NIPAs) to	"Space rent" renamed "imputed rental of owner-occupied housing." "Services furnished without payment by financial intermediaries exc: life insurance carriers" renamed "financial services furnished without payment." "Contributions for government social insurance" renamed "contributions for government social insurance, domestic"; see text.
		Depreciation and Amortization as Published by the Internal Revenue Service (IRS)	Corporate and nonfarm sole proprietors and partnerships "Accidental damage to fixed capital other than repairable damage" will exclude disaster losses, series renamed "Normal accidental damage to fixed capital other than repairable damage."
7.14	7.14	Relation of Nonfarm Proprietors' Income in the National Income and Product Accounts (NIPAs) to Corresponding Measures as Published by the Internal Revenue Service (IRS)	Includes new line for disaster adjustments.
7.15	7.15	Relation of Net Farm Income in the National Income and Product Accounts (NIPAs) to Net Farm Income as Published by the U.S. Department of Agriculture (USDA)	
7.16	7.16	Relation of Corporate Profits, Taxes, and Dividends in the National Income and Product Accounts (NIPAs) to Corresponding Measures as Published by the Internal Revenue Service (IRS)	Includes new line for disaster adjustments.
7.17	7.17	Relation of Monetary Interest Paid and Received in the National Income and Product Accounts (NIPAs) to Corresponding Measures as Published by the Internal Revenue Service (IRS)	
7.18	7.18	Relation of Wages and Salaries in the National Income and Product Accounts (NIPAs) to Wages and Salaries as Published by the Bureau of Labor Statistics (BLS)	"Adjustment for thrift savings plans," "adjustments for selected industrie and "other" adjustments combined into one series: "adjustment for wages and salaries not covered or not fully covered by unemployme insurance." Detail shown for "government" and for "other."
7.20	7.20	Comparison of Receipts and Outlays of Nonprofit Institutions Serving Households with Receipts and Expenses as Published by the Internal Revenue Service (IRS)	"Nonprofit institution gross consumption expenditures" changed to "gro output of nonprofit institutions."

Table 4. Changes to the NIPA Tables—Table Ends

Table number		- 11 (0)	Querra esta 1
New	Old	Table title	Comments 1
ŀ		8. Seasonally Unadjusted Estimates	
3.22 3.23		Federal Government Current Receipts and Expenditures, Not Seasonally Adjusted State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted	
		Discontinued Tables	
	5.4.2A 5.4.3A 5.4.4A 5.4.5A 5.4.6A 7.19 8.1 8.2	Contributions to Percent Change in Real Private Fixed Investment in Structures by Type Real Private Fixed Investment in Structures by Type, Quantity Indexes Price Indexes for Private Fixed Investment in Structures by Type Private Fixed Investment in Structures by Type	See text. See text.
		Corporate Profits with Inventory Valuation Adjustment, Not Seasonally Adjusted	

* Indicates tables that are included in the "Selected NIPA tables," published monthly in the SURVEY OF CURRENT

Business. 1. For most tables only major changes are identified. Nore. Except for tables 1.1.6A, 1.1.6B, 1.1.6C, and 1.1.6D, the reference year for the quantity indexes, price indexes, and chained dollars will be updated from 2000 to 2005, and the line in the table header that identifies the

units used to present the estimates will be changed from "index numbers, 2000=100" to "index numbers, 2005=100," or from "chained (2000) dollars" to "chained (2005) dollars." GDP Gross domestic product NIPAs National income and product accounts PCE Personal consumption expenditures