

11.1

Colombia

Alvaro Andrés Perdomo Strauch

11.1.1 Original Input-Output Table

Colombia has a long tradition of building and working with input-output tables and social accounting matrices¹. Contributing an updated I-O table to the GTAP 6 Data Base is in line with current efforts at improving some CGE models, of which one is a multi-country model².

The input-output table for Colombia in the GTAP 6 Data Base was built according to the information supplied by the Colombian National Statistical Office (DANE)³ for 2000. The DANE has four kinds of tables where national accounts are compiled: (i) a use matrix (industry-by-commodity), (ii) a make matrix (industry-by-commodity), (iii) a supply-demand table (by commodity), and (iv) a general economic equilibrium table.

The use and the make matrices have 59 sectors and are valued at purchaser prices, while the supply-demand table is available for 480 sectors and is valued at purchaser, producer, and basic prices. The general equilibrium table covers the aggregate values for the main institutional agents that interact in the economy (households, enterprises, government and rest of the world).

All values in the tables and matrices are expressed in million 2000 current Colombian pesos. The average exchange rate for that year was 2,087.40 pesos per US dollar.

11.1.2 Mapping Procedure

A mapping between the DANE sectors and the GTAP Sectoral Classification (GSC2) was done by using their concordances with the International Standard Industrial Classification revision 4 (ISICr4) and the Central Product Classification (CPC).

All GSC2 sectors correspond to at least one of the 480 sectors in the supply-demand table. The concordance table, table 11.I.A1 in the appendix, reports all the aggregations that had to be done in order to construct the I-O table for GTAP.

Most of the splits in the Colombian I-O table (that correspond to the sectors in the Colombian use and make matrices) had to be done in the agriculture sector. However, no supply-demand sector had to be split.

¹ See Cordi (1987, 1988), Perdomo (2004), and Valderrama and Gutiérrez (1996).

² The main characteristics of this model are explained in Light and Rutherford (2003).

³ Departamento Administrativo Nacional de Estadística

11.I.3 Additional Comments

The general economic equilibrium table and the use and make matrices were used to build a Social Accounting Matrix (SAM) which includes an I-O matrix (commodity-by-commodity); it was done using the commodity technology assumption. The input-output matrix has 59 sectors.

The SAM was converted into the I-O table for GTAP according to: (i) the information included in the supply-demand table (supply and demand structure) and (ii) the concordance table.

The Colombian input-output matrix reports imports by commodity. In order to conform with GTAP requirements, we created an imports matrix by pro-rating the totals across uses by applying the structure implied by the total use matrix (Huff, McDougall and Walmsley, 2000). It was allocated across all uses (except exports) according to the use coefficients of the corresponding commodity (row shares). This was done after aggregating from 59 to 57 sectors.

Indirect taxes and import duties were allocated based on the supply-demand table, wherein indirect taxes are divided across uses (intermediate consumption, final consumption, exports, investment, and change in stocks).

Land payments are not specified. However, according to the national accounts, total land payments amounted to \$ 2,223,209 million current Colombian pesos in 2000.

References

- Cordi, Angela, 1987. "La Matriz de Contabilidad Social: Aplicación al Caso Colombiano en 1980," Mimeo. Departamento Nacional de Planeación, Colombia.
- Cordi, Angela, 1988. "La Matriz de Contabilidad Social: Deducción de los Multiplicadores de Contabilidad y su Aplicación al Caso Colombiano en 1985," *Planeación & Desarrollo*, Vol. 20, No. 1 and 2, Departamento Nacional de Planeación, Colombia.
- Huff, Karen, Robert McDougall, and Terrie Walmsley. 2000. "Contributing Input-Output Tables to the GTAP Data Base," GTAP Technical Paper No. 1, Center for Global Trade Analysis, Purdue University.
- Light, Miles and Thomas Rutherford. 2003. "Free Trade Area of the Americas: An Impact Assessment for Colombia," *Archivos de Economía*, No. 222, Departamento Nacional de Planeación, Colombia.
- Perdomo, Alvaro. 2004. "Modelo Insumo-Producto Dinámico," *Archivos de Economía*, No. 250. Departamento Nacional de Planeación, Colombia.
- Valderrama, Fanny and Gutierrez, Javier. 1996. "Multiplicadores de Contabilidad Derivados de la Matriz de Contabilidad Social," *Archivos de Economía*, No. 41. Departamento Nacional de Planeación, Colombia.

Appendix

Table 11.I.A1 Concordance Between Colombian I-O Table, ISICr3, and GSC2

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
01	Coffee, not roasted, not decaffeinated	010103	Sowing of coffee trees	01512	0112	8
01	Coffee, not roasted, not decaffeinated	010201	Coffee, high quality for export	01611	0113	8
01	Coffee, not roasted, not decaffeinated	010204	Thresh services			8
02	Other agricultural products	020101	Wheat, grain	01110	0111	2
02	Other agricultural products	020102	Corn	01120	0111	3
02	Other agricultural products	020103	Paddy rice	01130	0111	1
02	Other agricultural products	020105	Barley	01150	0111	3
02	Other agricultural products	020106	Rye	01160	0111	3
02	Other agricultural products	020107	Oat	01160	0111	3
02	Other agricultural products	020108	Sorghum, grain	01190	0111	3
02	Other agricultural products	020199	Other cereals nec	01190	0111	3
02	Other agricultural products	020201	Potatoes	01210	0111	4
02	Other agricultural products	020202	Beans	01220	0111	4
02	Other agricultural products	020203	Green peas	01220	0111	4
02	Other agricultural products	020209	Other legumes	01220	0111	4
02	Other agricultural products	020211	Tomatoes	01230	0112	4
02	Other agricultural products	020212	Onion	01230	0112	4
02	Other agricultural products	020213	Garlic	01230	0112	4
02	Other agricultural products	020214	Champignon (mushrooms)	01239	0112	4
02	Other agricultural products	020219	Other vegetables, fresh or frozen	01230	0112	4
02	Other agricultural products	020221	Cassava	01240	0112	4
02	Other agricultural products	020222	Yams	01240	0112	4
02	Other agricultural products	020229	Other roots and tubers	01240	0112	4
02	Other agricultural products	020299	Others nec	01230	0112	4
02	Other agricultural products	020301	Banana	01310	0113	4
02	Other agricultural products	020302	Plantain	01310	0113	4
02	Other agricultural products	020303	Orange	01320	0113	4
02	Other agricultural products	020304	Lemon	01320	0113	4

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
02	Other agricultural products	020305	Tangerine	01320	0113	4
02	Other agricultural products	020306	Other citrus	01320-01330	0113	4
02	Other agricultural products	020307	Grapes	01330	0113	4
02	Other agricultural products	020308	Pineapple	01310	0113	4
02	Other agricultural products	020309	Mango	01310	0113	4
02	Other agricultural products	020310	<i>Maracuya</i>	01340	0113	4
02	Other agricultural products	020311	Guava	01310	0113	4
02	Other agricultural products	020312	Avocado	01310	0113	4
02	Other agricultural products	020313	Blackberry	01340	0113	4
02	Other agricultural products	020314	<i>Lulo</i>	01340	0113	4
02	Other agricultural products	020315	<i>Curuba</i>	01340	0113	4
02	Other agricultural products	020399	Other fruits or nuts nec	01350-01360	0113	4
02	Other agricultural products	020401	Soya beans	01410	0111	5
02	Other agricultural products	020402	Peanuts	01420	0111	5
02	Other agricultural products	020403	Sesame	01430	0111	5
02	Other agricultural products	020404	Cotton seeds	01440	0111	5
02	Other agricultural products	020405	African palm (fruit)	01490	0111	5
02	Other agricultural products	020499	Oil seeds and oleaginous fruit nec	01490	0111	5
02	Other agricultural products	020501	Live plants	01510	0112	8
02	Other agricultural products	020502	Roses	01520	0112	8
02	Other agricultural products	020503	Carnations	01520	0112	8
02	Other agricultural products	020504	<i>Pompons</i>	01520	0112	8
02	Other agricultural products	020509	Other cut flowers and flower buds	01520	0112	8
02	Other agricultural products	020510	Flower seeds and fruit seeds	01530	0112	8
02	Other agricultural products	020511	Vegetable seeds	01540-01940	0112-0111	8
02	Other agricultural products	020599	Others nec	01540	0112	8
02	Other agricultural products	020601	Tea	01612	0113	8
02	Other agricultural products	020602	Cocoa, including roasted	01614	0113	8
02	Other agricultural products	20609	Other crops of plants used for beverages	1613	0113	8
02	Other agricultural products	20610	Spices, whether processed or not (cloves, etc.)	1620	0113	8
02	Other agricultural products	020700	Unmanufactured tobacco	017	0111	8

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)
Supply-Utilization Table

Input-Output		Supply-Utilization Table				CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2	
02	Other agricultural products	020801	Sugar cane for sugar	01820	0111	6	
02	Other agricultural products	020803	Beets and others	01810	0111	6	
02	Other agricultural products	020901	Straw and similar products	01910	0111	7	
02	Other agricultural products	020902	Cotton lint	01921	0111	7	
02	Other agricultural products	020903	Agaves, fiber	01922	0111	7	
02	Other agricultural products	020999	Others (jute, linen, etc.)	01922-01923	0111	7	
02	Other agricultural products	021000	Plants and parts of plants used primarily in perfumery, in pharmacy, or for insecticidal, fungicidal or similar purposes	01930	0111	8	
02	Other agricultural products	021102	Fruit trees	01512	0112	8	
02	Other agricultural products	021103	Cane crops	01512	0112	8	
02	Other agricultural products	021104	Banana trees	01512	0112	8	
02	Other agricultural products	021199	Others nec	01512	0112	8	
02	Other agricultural products	021201	Cotton burl	01921	0111	8	
02	Other agricultural products	021203	Aerial fumigation	88110	0140	8	
02	Other agricultural products	021299	Other services nec	88110	0140	8	
03	Live animals and animal products	030100	Bovine cattle	02111	0121	9	
03	Live animals and animal products	030201	Sheep and goats	02112	0121	9	
03	Live animals and animal products	030202	Horses, asses, mules, etc.	02113	0121	9	
03	Live animals and animal products	030203	Swine	02121	0122	10	
03	Live animals and animal products	030300	Poultry, live	02122	0122	10	
03	Live animals and animal products	030400	Other live animals	02129	0122	10	
03	Live animals and animal products	030501	Wool	02961-02962	0121-1511	12	
03	Live animals and animal products	030502	Fine and coarse hair	02963	0122	12	
03	Live animals and animal products	030503	Silk-worm cocoons	02964	0122	12	
03	Live animals and animal products	030701	Milk, non-processed	02910	0121	11	
03	Live animals and animal products	030702	Fresh, preserved or cooked eggs	02920	0122	10	
03	Live animals and animal products	030703	Honey, natural, and other beehive products	02930	0122	10	
03	Live animals and animal products	030704	Snails, except marine snails, earthworms and other food products	02940-02950	0122	10	

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
03	Live animals and animal products	030800	Other animal products (insect waxes and spermaceti, whether or not refined or colored; bovine semen)	02980-02990	0122-0121	10
03	Live animals and animal products	030900	Animal husbandry service activities, except veterinary activities	88120	0140	9
04	Forestry, logging and related service activities	040101	Logs	03110-03120-03190	0200	13
04	Forestry, logging and related service activities	040102	Firewood	03130	0200	13
04	Forestry, logging and related service activities	040201	Natural rubber	03210	0111	13
04	Forestry, logging and related service activities	040301	Natural cork	03910	200	13
04	Forestry, logging and related service activities	040400	Forest cultivated or improved	01512	0112	13
05	Fish and other sea products	050101	Marine fish	04110-04120	0500	14
05	Fish and other sea products	050102	Freshwater fish	04110-04120	0500	14
05	Fish and other sea products	050201	Crustaceans	04210	0500	14
05	Fish and other sea products	050202	Molluscs, seaweeds, etc.	04220	0500	14
05	Fish and other sea products	050500	Hunting, trapping and game propagation including related service activities	02972-02973-02974-88130	0150-0122	14
06	Coal tar and lignite; peat	060100	Coal, not agglomerated	11010	1010	15
06	Coal tar and lignite; peat	060200	Briquettes and similar solid fuels manufactured from coal	11020	1010-1030	15
06	Coal tar and lignite; peat	060300	Lignite, whether or not agglomerated	11030-11040	1010 to 1030	15
07	Crude oil, natural gas, mining of uranium and thorium ores	070100	Petroleum oils and oils obtained from bituminous minerals, crude	12010	1110	16
07	Crude oil, natural gas, mining of uranium and thorium ores	070200	Natural gas, liquefied or in the gaseous state	12020	1110	17
07	Crude oil, natural gas, mining of uranium and thorium ores	070300	Other energetic minerals and uranium and thorium ores and concentrates	12030-13000	1110-1200	18

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output			Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2	
07	Crude oil, natural gas, mining of uranium and thorium ores	070400	Service activities incidental to oil and gas extraction excluding surveying	88300	1120	16	
08	Metallic ores	080100	Iron ores and concentrates, other than roasted iron pyrites	141	1310	18	
08	Metallic ores	080201	Gold ore	14240	1320	18	
08	Metallic ores	080202	Platinum ore	14240	1320	18	
08	Metallic ores	080203	Silver ore	14240	1320	18	
08	Metallic ores	080301	Copper	14210	1320	18	
08	Metallic ores	080302	Aluminum	14220	1320	18	
08	Metallic ores	080303	Nickel mineral	14230	1320	18	
08	Metallic ores	080309	Other non-ferrous metal ores and concentrates (other than uranium or thorium ores and concentrates)	14290	1320	18	
09	Other minerals, non-metallic	090101	Slate, marble, granite, porphyry and basalt	15110 to 15130	1410	18	
09	Other minerals, non-metallic	090102	Sand from crushing and breaking stone	15310	1410	18	
09	Other minerals, non-metallic	090103	Sand extracted from rivers, gravel	15310-15320	1422	18	
09	Other minerals, non-metallic	090201	Salt from mining or land sources	16200	1422	18	
09	Other minerals, non-metallic	090202	Salt from sea water	16200	1422	18	
09	Other minerals, non-metallic	090203	Mining of gypsum and anhydrite	15200	1410	18	
09	Other minerals, non-metallic	090301	Clay	15400	1410	18	
09	Other minerals, non-metallic	090302	Clays used in manufacture	15410-15420	1410	18	
09	Other minerals, non-metallic	090303	Sand	15310-15320	1410	18	
09	Other minerals, non-metallic	090304	Natural asphalt or bitumen, asphaltic rocks	15330	1410	18	
09	Other minerals, non-metallic	090305	Chalk and dolomite	15200-16330	1410-1429	18	
09	Other minerals, non-metallic	090306	Minerals for the manufacture of fertilizers and chemical products	161	1421	18	
09	Other minerals, non-metallic	090307	Other industrial non-metallic minerals	16190	1421	18	
09	Other minerals, non-metallic	090401	Emeralds	16310	1429	18	
09	Other minerals, non-metallic	090403	Other minerals nec	16320-16390	1429	18	

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
10	Electricity and gas (for cities)	100200	Production, transmission and distribution of electricity	88700	4010	43
10	Electricity and gas (for cities)	100300	Manufacture of gas; distribution of gaseous fuels through mains	17200	4020	44
11	Water, sewage and sanitation services	110100	Collection, purification and distribution of water	9401	4100-9000	45
11	Water, sewage and sanitation services	110200	Sewage and refuse disposal, sanitation and similar activities	9402-9403	9000	56
12	Meat and fish	120101	Meat of bovine animals, fresh, chilled or frozen	21111-21112	1511	19
12	Meat and fish	120102	Meat of swine, fresh, chilled or frozen	21113-21114	1511	20
12	Meat and fish	120103	Meat of sheep, goats and other meats fresh, chilled or frozen	21115 to 21118	1511	19
12	Meat and fish	120104	Edible offal of bovine, swine, goats and other animals, fresh, chilled or frozen	21119	1511	19
12	Meat and fish	120105	Edible meats and offal, fresh, chilled or frozen, nec	2112	1511	20
12	Meat and fish	120106	Hides and skins of bovine animals, sheep, goats and horses	2971	1511	10
12	Meat and fish	120200	Meat and edible offal, fresh, chilled or frozen	21121-21122	1511	20
12	Meat and fish	120300	Other meat and edible offal, fresh, chilled or frozen (including rabbit meat), excluding frogs legs	21129	1511	20
12	Meat and fish	120400	Preserves and preparations of meat, meat offal or blood	21131-21132	1511	20
12	Meat and fish	120500	Flours, meals and pellets of meat or meat offal, inedible; greaves	21140	1511	20
12	Meat and fish	120600	Fish, fish fillets, other fish meat and fish livers and roes, fresh or chilled	21210 to 21240	1512	25

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
12	Meat and fish	120700	Crustaceans, frozen; molluscs and other aquatic invertebrates, frozen, dried, salted or in brine, otherwise prepared or preserved	21250-21260	1512	25
12	Meat and fish	120800	Flours, meals and pellets, inedible, and other products nec, of fish or of crustaceans, dead fish, crustaceans or other aquatic invertebrates unfit for human consumption	21291-21299	1512	25
12	Meat and fish	120900	Operation of slaughterhouses killing, dressing or packing meat	88411	1511-1512	20
13	Oils, animal and vegetable fats, oilseed cakes	130100	Fats of bovine animals, sheep, goats, pigs and poultry, raw or rendered; wool grease	21611-21612	1511-1711	19
13	Oils, animal and vegetable fats, oilseed cakes	130200	Animal oils and fats, crude and refined, except fats of bovine animals, sheep, goats, pigs and poultry	21620	1514	20
13	Oils, animal and vegetable fats, oilseed cakes	130300	Soya-bean, ground-nut, olive, sunflower-seed, safflower, cotton-seed, rape, colza, mustard, palm, coconut, palm kernel, babassu and linseed oil, crude	21630-21640	1514	21
13	Oils, animal and vegetable fats, oilseed cakes	130400	Soya-bean, ground-nut, cotton-seed, other oils obtained solely from olives and sesame oil, and their fractions, whether or not refined, but not chemically modified	21650-21670	1514	21
13	Oils, animal and vegetable fats, oilseed cakes	130500	Margarine and similar preparations	21680	1514	21

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
13	Oils, animal and vegetable fats, oilseed cakes	130600	Animal or vegetable fats and oils and their fractions, partly or wholly hydrogenated, inter-esterified, re-esterified or elaidinised, whether or not refined, but not further prepared	21690	1514	21
13	Oils, animal and vegetable fats, oilseed cakes	130700	Cotton linters	21700	1514	21
13	Oils, animal and vegetable fats, oilseed cakes	130800	Oil-cake and other residues resulting from the extraction of vegetable fats or oils; flours and meals of oil seeds or oleaginous fruits.	21800	1514	21
14	Dairy products	140100	Processed liquid milk	22110	1520	22
14	Dairy products	140200	Cream	22120	1520	22
14	Dairy products	140300	Milk and cream in solid forms, concentrated or containing added sugar or other sweetening matter, other than in solid forms	22910-22920	1520	22
14	Dairy products	140400	Butter and other fats and oils derived from milk. Cheese and curd.	22940-22950	1520	22
14	Dairy products	140500	Yoghurt and other fermented or acidified milk and cream	22930	1520	22
14	Dairy products	140600	Other dairy products	22960 to 22990	1520	22
15	Manufacture of grain mill products, starches and their products	150100	Wheat or muslin flour; cereal flours other than of wheat or muslin; groats, meal and pellets of wheat; cereal groats, meal and pellets nec; other cereal grain products.	23110 to 23150	1531	25
15	Manufacture of grain mill products, starches and their products	150200	Rice, semi- or wholly milled	23160	1531	23

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
15	Manufacture of grain mill products, starches and their products	150300	Other vegetable flours and meals; mixes and doughs for the preparation of bakers' wares	23170-23180	1531	25
15	Manufacture of grain mill products, starches and their products	150400	Starches and starch products; sugars and sugar syrups nec	23210 to 23230	1532	25
15	Manufacture of grain mill products, starches and their products	150500	Preparations used in animal feeding	2331-2332	1533	25
15	Manufacture of grain mill products, starches and their products	150600	Bakery products	2341 to 2343	1541	25
15	Manufacture of grain mill products, starches and their products	150700	Macaroni, noodles, couscous and similar farinaceous products	2371-2372	1544	25
16	Sugar	160100	Raw cane or beet sugar	23510	1542	24
16	Sugar	160201	Refined cane or beet sugar and chemically pure sucrose, in solid form.	23520-23530	1542	24
16	Sugar	160300	<i>Panela</i>	01820-23510	1542-0111	24
16	Sugar	160400	Honey and molasses	23540	1542	24
17	Processed coffee	170100	Coffee roasted, ground coffee	23911	1549	25
17	Processed coffee	170200	Soluble coffee	23911	1549	25
17	Processed coffee	170300	Extracts of coffee	23912	1563	25
18	Manufacture of cocoa, chocolate and sugar confectionery	180100	Cocoa and chocolate	23630 to 23660	1543	25
18	Manufacture of cocoa, chocolate and sugar confectionery	180200	Cocoa paste, whether or not defatted.	23610-23620	1543	25
18	Manufacture of cocoa, chocolate and sugar confectionery	180300	Cocoa butter, fat and oil	23670	1543	25
18	Manufacture of cocoa, chocolate and sugar confectionery	180400	Sugar confectionery without chocolate	23670	1543	25
18	Manufacture of cocoa, chocolate and sugar confectionery	180400	Sugar confectionery with chocolate	23670	1543	25
19	Other food products nec	190101	Canned or preserved vegetables	21310 to 21390	1513	25
19	Other food products nec	190102	Juices of fruit and vegetables	21400	1513	25

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
19	Other food products nec	190103	Fruits and nuts whether cooked or not, nuts and peanuts roasted or salted and other fruits	21510-21530-21550	1513	25
19	Other food products nec	190104	Stewed fruits, jelly and paste of fruits and nuts	21520-21530	1513	25
19	Other food products nec	190200	Tea, extracts, essences and concentrates of tea and preparations with a basis thereof or with a basis of tea	21540-21560 23913-23914	1549	25
19	Other food products nec	190300	Homogenized preparations of meat, vegetables, fruit or nuts; preparations of milk, flour, meal, for infant use nec; homogenized composite food preparations	23991	1549	25
19	Other food products nec	190400	Soups and broths and preparations thereof	23992	1549	25
19	Other food products nec	190500	Vinegar and substitutes therefore obtained from acetic acid	23994	1549	25
19	Other food products nec	190600	Sauces; mixed condiments; mustard flour and meal; prepared mustard	23995	1549	25
19	Other food products nec	190700	Yeasts; other single-cell micro-organisms, dead; prepared baking powders	23996	1549	25
19	Other food products nec	190800	Other food products nec	23999-23993	1549	25
20	Beverages	200100	Ethyl alcohol and other alcohols	2411-2412	1551	26
20	Beverages	200201	<i>Aguardiente</i>	24131	1551	26
20	Beverages	200202	Rum	24132	1551	26
20	Beverages	200203	Gin	24133	1551	26
20	Beverages	200204	Whisky	24134	1551	26
20	Beverages	200205	Other alcoholic and distilled beverages	24130	1551	26

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
20	Beverages	200301	Wine from grapes	24211 to 24213	1552	26
20	Beverages	200302	Cider and other fermented beverages	24220	1552	26
20	Beverages	200401	Beer made from malt and malt liquors	24310	1553	26
20	Beverages	200402	Malt, whether or not roasted	24320	1553	26
20	Beverages	200501	Waters, including natural or artificial mineral waters and aerated waters	24410-24490	1554	26
20	Beverages	200502	Other aerated beverages, soft drinks	24410-24490	1554	26
20	Beverages	200503	Ice and snow	24410	1554	26
21	Tobacco products	210101	Black cigarettes	25010	1600	26
21	Tobacco products	210102	Blond cigarettes	25010	1600	26
21	Tobacco products	210200	Other manufactured tobacco and manufactured tobacco substitutes.	25090	1600	26
22	Preparation and spinning of textile fibbers; weaving of textiles	220101	Wool and hair, coarse or fine, from animals	2613 to 2615	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220102	Cotton, carded or combed	26160	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220103	Silk, jute, linen and other vegetable textile fibbers	2611-2612- 2617-2619	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220200	Man-made textile staple fibbers processed for spinning	2621-2622	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220301	Yarn of wool and fine hair	26320 to 26340	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220302	Cotton yarn	26350 to 26370	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220303	Yarn of other vegetable textile fibbers	26310 to 26340	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220400	Textile yarn and thread of man-made filaments or staple fibbers	26410 to 26460	1711	27
22	Preparation and spinning of textile fibbers; weaving of textiles	220500	Woven fabrics (except special fabrics) of natural fibbers other than cotton	26510 to 26590	1711	27

Continued

Table 11.I.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
22	Preparation and spinning of textile fibers; weaving of textiles	220600	Woven fabrics (except special fabrics) of cotton	26610 to 26690	1711	27
22	Preparation and spinning of textile fibers; weaving of textiles	220700	Woven fabrics (except special fabrics) of man-made filaments and staple fibers	26710 to 26790	1711	27
22	Preparation and spinning of textile fibers; weaving of textiles	220800	Special fabrics	26810 to 26890	1711	27
22	Preparation and spinning of textile fibers; weaving of textiles	220900	Activities related to textile manufacture	88421	17	27
23	Manufacture of made-up textile goods, excluding wearing apparel	230100	Blankets, travelling rugs (except electric blankets), bed linen, table linen, toilet linen and kitchen linen	27110-27120	1721	27
23	Manufacture of made-up textile goods, excluding wearing apparel	230200	Curtains and interior blinds. Other furnishing articles nec; sets of woven fabric and yarn for making up into rugs, tapestries, or similar textile articles, put up in packings for retail sale	27130-27140	1721	27
23	Manufacture of made-up textile goods, excluding wearing apparel	230300	Other made-up textile articles. Twine, cordage, ropes and cables and articles thereof (including netting)	27150 to 27190 27310-27320	1721-1723	27
23	Manufacture of made-up textile goods, excluding wearing apparel	230400	Carpets and other textile floor coverings	27210 to 27290	1722	27
23	Manufacture of made-up textile goods, excluding wearing apparel	230500	Textiles nec	2791-2799	1729	27
24	Manufacture of made-up textile goods, excluding wearing apparel	240100	Knitted or crocheted fabrics	28110-28190	1730	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240201	Panty hose, stockings, socks and similar products	28210	1730	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240202	Wearing apparel from knitted or crocheted textile fabrics	28221 to 28229	1810-1730	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240203	Wearing apparel other than those from knitted or crocheted textile fabrics	28231 to 28236-28238	1810	28

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
24	Manufacture of made-up textile goods, excluding wearing apparel	240204	Brassieres, girdles, corsets, braces, suspenders, garters and similar articles whether or not knitted or crocheted	28237	1810	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240205	Wearing apparel and accessories made from natural, artificial or regenerated leather, hats and other headwear articles	28241-28242-28261-28262-28269	1810	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240206	Wearing apparel made with felt or other non-woven textiles; garment made with textile fabrics impregnated, coated, covered or minated with plastics, rubber or other materials	28250	1810	28
24	Manufacture of made-up textile goods, excluding wearing apparel	240300	Tanned or dressed furskins and artificial fur; articles thereof (except headgear)	28310 to 28330	1820	28
25	Articles or apparel of leather or leather composition, shoes	250100	Tanned or dressed leather; composition leather	29110 to 29130	1911	29
25	Articles or apparel of leather or leather composition, shoes	250200	Luggage, handbags and the like; saddlery and harness; other articles of leather	29210 to 29290	1911	29
25	Articles or apparel of leather or leather composition, shoes	250300	Footwear, with outer soles and uppers of rubber or plastics, or with uppers of leather or textile materials, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	29310 to 29340	1920	29
25	Articles or apparel of leather or leather composition, shoes	250400	Sports footwear, except skating boots	29410-29420-29490	1920	29
25	Articles or apparel of leather or leather composition, shoes	250500	Other footwear, except asbestos footwear, orthopedic footwear and skating boots	29510-29520	1920	29

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
25	Articles or apparel of leather or leather composition, shoes	250600	Parts of footwear; removable in-soles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	29600	1920	29
25	Articles or apparel of leather or leather composition, shoes	250700	Activities related to tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear	88423	1911-1912-1920	29
26	Products of wood, cork, straw and vegetable materials used for plaiting	260100	Sawmilling and planning of wood	311-313	2010	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260200	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	314-315	2021	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260300	Manufacture of builders' carpentry and joinery	316	2022	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260400	Articles of cork, plaiting materials and straw	319	2029	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260501	Other wood products	3191	2029	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260502	Products of wood, cork, straw and vegetable materials used for plaiting	3192	2029	30
26	Products of wood, cork, straw and vegetable materials used for plaiting	260600	Activities related to the manufacture of wood and wood products	88430	2010-2121-2029	30
27	Manufacture of pulp, paper and paperboard	270100	Pulps of wood or other fibrous cellulosic material	3211	2101	31
27	Manufacture of pulp, paper and paperboard	270200	Processed paper and paperboard	3212-3214	2101	31
27	Manufacture of pulp, paper and paperboard	270300	Paper and paperboard products	3215-3219	2101-2109	31
27	Manufacture of pulp, paper and paperboard	270400	Activities related to the manufacture of paper and paper products	88441	21	31
28	Printing, publishing and allied industries	280100	Books, brochures and leaflets (except advertising material) printed, printed maps; music, printed or in manuscript	322	2211	31

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
28	Printing, publishing and allied industries	280200	Newspapers, journals and periodicals	323-324	2212	31
28	Printing, publishing and allied industries	280300	Other printed matter	325-326	2219-2221-7421	31
28	Printing, publishing and allied industries	280400	Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing	327	2222	31
28	Printing, publishing and allied industries	280500	Activities related to publishing and printing	88442	22(11-12-19) 22(21-22)-7421	31
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290100	Coke and semi-coke of coal, of lignite or of peat; retort carbon. Tar distilled from coal, from lignite or from peat, and other mineral tras	331-332	2310	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290201	Gasoline and other fuels	3331-3332	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290202	Other light oils from petroleum and light oils obtained from bitumen	3333	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290203	Kerosene	3334	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290204	Other medium oils obtained from bituminous material	3335	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290205	Gas oil and fuel for boilers	3336-3337	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290206	Lubricating oils from petroleum or bituminous minerals and other heavy oils from petroleum	3338	2320	32

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290300	Petroleum gases and other gaseous hydrocarbons, except natural gas	334	2320	32
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290400	Petroleum jelly; paraffin wax, micro-crystalline petroleum wax, other mineral waxes, and similar products; residues of petroleum oils or of oils obtained from bituminous materials	335	2320	33
29	Manufacture of refined petroleum products; processing of nuclear fuel; manufacture of coke oven products	290500	Radioactive elements and isotopes and compounds; radioactive residues. Fuel elements (cartridges), for or of nuclear reactors	336-337	2330-4010	33
30	Manufacture of basic chemical products (except plastic and rubber)	300101	Basic inorganic chemical products	341	2411	33
30	Manufacture of basic chemical products (except plastic and rubber)	300102	Inorganic chemical products nec	342	2411	33
30	Manufacture of basic chemical products (except plastic and rubber)	300103	Tanning extracts, tannins, etc.	343	2411	33
30	Manufacture of basic chemical products (except plastic and rubber)	300104	Active natural chemical products	344	2411	33
30	Manufacture of basic chemical products (except plastic and rubber)	300105	Basic chemical products, diverse	345	2411	33
30	Manufacture of basic chemical products (except plastic and rubber)	300106	Fertilizers and pesticides	346	2412	33
30	Manufacture of basic chemical products (except plastic and rubber)	300107	Plastics in original form	347	2413	33
30	Manufacture of basic chemical products (except plastic and rubber)	300108	Rubber, synthetic and artificial	348	2413	33
30	Manufacture of basic chemical products (except plastic and rubber)	300201	Paints, varnishes and related products	351	2422-2429	33
30	Manufacture of basic chemical products (except plastic and rubber)	300202	Pharmaceutical products	352	2423	33

Continued

Table 11.I.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
30	Manufacture of basic chemical products (except plastic and rubber)	300203	Soaps, cleaning products, perfumes and toilet articles	353	2424	33
30	Manufacture of basic chemical products (except plastic and rubber)	300204	Chemical products nec	354	2429	33
30	Manufacture of basic chemical products (except plastic and rubber)	300205	Manufactured synthetic or artificial textile fibers	355	2430	27
31	Manufacture of rubber and plastic products	310100	Rubber tires and tubes	361	2511	33
31	Manufacture of rubber and plastic products	310200	Other rubber products	362	2519	33
31	Manufacture of rubber and plastic products	310300	Semi-manufactures of plastics	363	2520	33
31	Manufacture of rubber and plastic products	310400	Packaging products of plastics	364	2520	33
31	Manufacture of rubber and plastic products	310500	Other plastics products	369	2520	33
31	Manufacture of rubber and plastic products	310600	Activities related to the manufacture of rubber and plastics products			33
32	Glass, glass products and other non-metallic products	320100	Glass and glass products	371	2610	34
32	Glass, glass products and other non-metallic products	320200	Non-structural ceramic ware	372	2691	34
32	Glass, glass products and other non-metallic products	320300	Refractory products and structural non-refractory clay products	373	2692-2693	34
32	Glass, glass products and other non-metallic products	320400	Cement, lime and plaster	374	2694	34
32	Glass, glass products and other non-metallic products	320500	Articles of concrete, cement and plaster	375	2695	34
32	Glass, glass products and other non-metallic products	320600	Monumental or building stone and articles thereof	376	2696	34
32	Glass, glass products and other non-metallic products	320700	Other non-metallic mineral products nec	379	2699	34
32	Glass, glass products and other non-metallic products	320800	Activities related to the manufacture of non-metallic mineral products	88480	26	34
33	Manufacture of furniture and other goods nec	330100	Furniture	381	3610	42
33	Manufacture of furniture and other goods nec	330200	Jewelry and related articles	382	0500-3691	42

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
33	Manufacture of furniture and other goods nec	330300	Musical instruments	383	3692	42
33	Manufacture of furniture and other goods nec	330400	Sports goods	384	3693	42
33	Manufacture of furniture and other goods nec	330500	Games and toys. Roundabouts, swings, shooting galleries and other fairground amusements	385-386	3694-3699	42
33	Manufacture of furniture and other goods nec	330600	Prefabricated buildings	387	2811	37
33	Manufacture of furniture and other goods nec	330700	Other manufactured articles nec	389	3699-7494-9211-9214-9302	42
33	Manufacture of furniture and other goods nec	330800	Activities related to the manufacture of furniture and other goods	88491-88492	361-369	42
34	Waste	340100	Wastes from food and tobacco industry	391		25
34	Waste	340200	Non-metal wastes or scraps	392		33
34	Waste	340300	Metal wastes or scraps	393		37
35	Manufacture of fabricated metal products except machinery & equipment	350101	Basic iron and steel	411	2710	35
35	Manufacture of fabricated metal products except machinery & equipment	350102	Rolled, drawn, extruded or forged iron, steel or alloy steel products subjected to treatment while hot or cold	412	2710	35
35	Manufacture of fabricated metal products except machinery & equipment	350103	Production of clad precious metals	413	2720	36
35	Manufacture of fabricated metal products except machinery & equipment	350104	Copper, nickel, aluminum, lead, zinc, and tin	414	2720	36
35	Manufacture of fabricated metal products except machinery & equipment	350105	Semi-finished products of copper, nickel, aluminum, lead, zinc and tin	415	2720	36
35	Manufacture of fabricated metal products except machinery & equipment	350106	Other non-ferrous metals and their products, semi-finished	416	2720	36

Continued

Table 11.I.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output			Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2	
35	Manufacture of fabricated metal products except machinery & equipment	350201	Manufacture of structural metal products	421	2811	37	
35	Manufacture of fabricated metal products except machinery & equipment	350202	Manufacture of tanks, reservoirs and containers of iron, steel or aluminum	422	2812	37	
35	Manufacture of fabricated metal products except machinery & equipment	350203	Manufacture of steam generators, except central heating hot water boilers	423	2813	37	
35	Manufacture of fabricated metal products except machinery & equipment	350204	Other metal manufactured products	429	2893-2899	37	
35	Manufacture of fabricated metal products except machinery & equipment	350300	Activities related to the manufacture of fabricated metal products	88510-88520	27-28	37	
36	Machinery, general and specific use	360101	Manufacture of engines, turbines and parts thereof	431	2911-3410-3530	41	
36	Machinery, general and specific use	360102	Pumps, compressors and engines, etc.	432	2912	41	
36	Machinery, general and specific use	360103	Manufacture of bearings, gears, gearing and driving elements	433	2913	41	
36	Machinery, general and specific use	360104	Manufacture of ovens, furnaces and furnace burners	434	2914	41	
36	Machinery, general and specific use	360105	Manufacture of lifting and handling equipment	435	2915	41	
36	Machinery, general and specific use	360106	Other machines for general use and parts thereof	439	2919	41	
36	Machinery, general and specific use	360201	Agricultural or forestry machinery and parts thereof	441	2921	41	
36	Machinery, general and specific use	360202	Machine-tools and parts thereof	442	2922	41	
36	Machinery, general and specific use	360203	Manufacture of machinery for metallurgy and parts thereof	443	2923	41	
36	Machinery, general and specific use	360204	Machinery for mining and quarrying and parts thereof	444	2924-2915	41	
36	Machinery, general and specific use	360205	Manufacture of machinery for food, beverage and tobacco processing; and parts thereof	445	2925	41	

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
36	Machinery, general and specific use	360206	Manufacture of machinery for textile, apparel and leather production and parts thereof	446	2926	41
36	Machinery, general and specific use	360207	Manufacture of weapons and ammunition, war vehicles and parts thereof	447	2927-2899	41
36	Machinery, general and specific use	360208	Manufacture of domestic appliances nec and parts thereof	448	2930	41
36	Machinery, general and specific use	360209	Other machines for special uses and parts thereof	449	2929	41
36	Machinery, general and specific use	360300	Activities related to the manufacture of machinery, general and specific use	88530	29	41
37	Other machinery and electric machines	370101	Manufacture of office and accounting machinery and accessories thereof	451	3000	40
37	Other machinery and electric machines	370102	Manufacture of computing machinery and accessories thereof	452	3000	40
37	Other machinery and electric machines	370201	Electric motors, generators and transformers parts thereof	461	3110	41
37	Other machinery and electric machines	370202	Machinery for electric control or electricity distribution and parts thereof	462	3120	41
37	Other machinery and electric machines	370203	Insulated wire and cable; optical fiber cables	463	3130-3190	41
37	Other machinery and electric machines	370204	Accumulators, primary cells and primary batteries, and parts thereof	464	3140	41
37	Other machinery and electric machines	370205	Electric filament or discharge lamps; arc lamps; lighting equipment; parts thereof	465	3150	41
37	Other machinery and electric machines	370206	Other electrical equipment and parts thereof	469	3190	41

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table					
Sector	Description	Sector	Description	CPC	CIU	ISIC_4 r3	GSC2
37	Other machinery and electric machines	370301	Electronic valves and tubes; electronic components; parts thereof	471		3210	40
37	Other machinery and electric machines	370302	Television and radio transmitters and apparatus for line telephony or telegraphy; parts and accessories thereof	472		3220	40
37	Other machinery and electric machines	370303	Radio broadcast and television receivers; apparatus for sound and video recording and reproducing; microphones, loudspeakers, amplifiers, etc.; reception apparatus for radio-telephony or radio-telegraphy	473		3230	40
37	Other machinery and electric machines	370304	Part and accessories for specific products	474		3220-3230-32	40
37	Other machinery and electric machines	370305	Audio and video records and tapes	475		2429-2213	40
37	Other machinery and electric machines	370401	Medical and surgical equipment and orthopedic appliances	481		3311	41
37	Other machinery and electric machines	370402	Instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments; industrial process control equipment; parts and accessories thereof	482		3312	41
37	Other machinery and electric machines	370403	Optical instruments and photographic equipment, and parts and accessories thereof	483		3320	41
37	Other machinery and electric machines	370404	Watches and clocks, and parts thereof	484		3330	41
37	Other machinery and electric machines	370500	Activities related to the manufacture of these instruments	88540 to 88570		30 to 33	41
37	Other machinery and electric machines	370600	Activities related to the repair of these instruments	88620 to 88660		29 to 33	41

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
38	Transportation equipment	380101	Road tractors for semi-trailers	49111	3410	38
38	Transportation equipment	380102	Public-transport type passenger motor vehicles	49112	3410	38
38	Transportation equipment	380103	Motor cars and other motor vehicles principally designed for the transport of persons (other than public transport)	49113	3410	38
38	Transportation equipment	380104	Tip-carts, dump-tracks	49114	3410	38
38	Transportation equipment	380105	Motor vehicles for the transport of goods	49115	3410	38
38	Transportation equipment	380106	Mobile cranes	49116	3410	38
38	Transportation equipment	380107	Transportation vehicles for special uses	49117-41419	3410	38
38	Transportation equipment	380108	Parts and accessories nec of motor vehicles	4912	3410-3430	38
38	Transportation equipment	380200	Bodies (coachwork) for motor vehicles; trailers and semi-trailers; parts and accessories thereof	492	3420-3430	38
38	Transportation equipment	380300	Ships, pleasure and sporting boats and parts and accessories thereof	493-494	3511-3512	39
38	Transportation equipment	380400	Railway and tramway locomotives and rolling stock, and parts thereof	495	3520	39
38	Transportation equipment	380500	Aircraft and spacecraft, and parts thereof	496	3530	39
38	Transportation equipment	380600	Other transport equipment and parts thereof	499	3591-3592-3599	39
38	Transportation equipment	380700	Activities related to the repair of transportation equipment	88580-88590	34-35	38
38	Transportation equipment	380800	Activities related to the manufacture of transportation equipment	88670-88680	34-35	38
39	Construction services and construction	390101	Site preparation services (construction)	511	4510	46
39	Construction services and construction	390107	Renting of construction or demolition equipment with operator	518	4550	46

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
39	Construction services and construction	390201	General construction services of urban residential buildings	5211	4520	46
39	Construction services and construction	390202	General construction services of rural residential buildings	5211	4520	46
39	Construction services and construction	390203	General construction services of non-residential buildings	5212	4520	46
39	Construction services and construction	390204	Building repair and maintenance	5156	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400100	Construction of bridges, including those for elevated highways, viaducts, tunnels and subways	5221-5222	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400200	Construction of railways and airfield runways	5221	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400300	Construction of waterways, harbors and river works, pleasure ports (marinas), locks, etc.	5223	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400400	Long-distance pipelines, communication and power lines	5224	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400500	Urban pipelines, urban communication and power lines; ancillary urban works	5225	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400600	Mining constructions	5226	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400700	Agricultural constructions	5229	4520	46
40	Building of complete constructions or parts thereof; civil engineering	400800	Other civil engineering	5227-5229	4520	46
41	Trade	410000	Trade	61-63		47
42	Maintenance and repair of motor vehicles, personal and household articles	420100	Activities related to the maintenance and repair of motor vehicles	6112	5020	47
42	Maintenance and repair of motor vehicles, personal and household articles	420200	Activities related to the maintenance and repair of personal and household goods	633	5260	47
43	Restaurants and hotels	430100	Lodging services	641	5510	47

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table				CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2	
43	Restaurants and hotels	430200	Food serving services	642	5520	47	
43	Restaurants and hotels	430300	Beverage serving services for consumption on the premises	643	5520	47	
44	Land transport services	440100	Activities related to the railway transportation	711		48	
44	Land transport services	440201	Other scheduled passenger land transport, urban and suburban	71211-71212	6021	48	
44	Land transport services	440202	Other scheduled passenger land transport, inter-urban	71213-71214	6021	48	
44	Land transport services	440204	Other non-scheduled passenger land transport: taxi operation			48	
44	Land transport services	440205	Rental of private cars with operator	71221	6023	48	
44	Land transport services	440300	Freight transport by road	7123	6022	48	
44	Land transport services	440500	Transport via pipelines	713	6030	48	
44	Land transport services	440600	CIF-FOB adjustment transport via pipelines			48	
44	Land transport services	440700	CIF-FOB adjustment freight transport by road			48	
45	Water transport services	450100	Sea and coastal water transport	721	6110	49	
45	Water transport services	450201	Inland water transport, transport of passenger	7221	6120	49	
45	Water transport services	450202	Inland water transport, transport of freight	7222	6120	49	
45	Water transport services	450204	Inland water transport, towing	7224	6120	49	
45	Water transport services	450300	CIF-FOB adjustment sea and coastal water transport			49	
46	Air transport services	460101	Scheduled air transport services of passengers	7311	6210	50	
46	Air transport services	460102	Non-scheduled air transport services of passengers	7312	6220	50	
46	Air transport services	460200	Freight transport by air	732	6210	50	
46	Air transport services	460300	Rental services of airplanes with the crew	734	62	50	

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
46	Air transport services	460400	Transport or via space	733	6220	50
46	Air transport services	460500	CIF-FOB adjustment freight transport by air			50
47	Complementary transport services	470100	Cargo handling	741	6301	48
47	Complementary transport services	470200	Storage and warehousing	742	6302	48
47	Complementary transport services	470400	Activities related to land transport of passengers, animals or freight	744	6303	48
47	Complementary transport services	470500	Activities related to water transport of passengers, animals or freight	745	6303	48
47	Complementary transport services	470600	Activities related to air transport of passengers, animals or freight	746	6303	48
47	Complementary transport services	470700	Activities of travel agencies and tour operators; tourist assistance activities nec	747	6304	48
47	Complementary transport services	470800	Activities of other transport agencies	748-749	6309	48
48	Postal and telecommunication services	480100	Postal services	751		51
48	Postal and telecommunication services	480201	Telephone services	7521	6420	51
48	Postal and telecommunication services	480202	Telegraph services	7522	6420	51
48	Postal and telecommunication services	480203	Data transmission services	7523	6420	51
48	Postal and telecommunication services	480204	Radio and cable TV services	7524	6420	51
48	Postal and telecommunication services	480205	Services for transmission of sound and images, in particular those requiring license fees and subscriptions	75251 to 75253	6420	51
48	Postal and telecommunication services	480206	Other telecommunication services	7529	6420	51
49	Financial and related services	490100	Financial leasing services	811	6511	52
49	Financial and related services	490200	Insurance and pension funding, except compulsory social security	812	6601 to 6603	53
49	Financial and related services	490300	Activities auxiliary to financial intermediation, except insurance and pension funding	813	6711-6712-6719	52
49	Financial and related services	490400	Activities related with security dealing activities	814	6720	52
49	Financial and related services	490500	CIF-Fob adjustment insurances			52

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Sector	Input-Output		Supply-Utilization Table		CIU	
	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
50	Real estate and rental services	500101	Renting of self-owned residential real estate	82101	7010	57
50	Real estate and rental services	500102	Other renting of residential real estate	82101	7010	57
50	Real estate and rental services	500103	Renting of non-residential real estate	82102	7010	57
50	Real estate and rental services	500201	Real estate activities on a fee or contract basis	822	7020	54
50	Real estate and rental services	500202	Other real estate services			54
51	Services to firms, except financial and real estate services	510101	Renting of equipment or machinery without operator	831	7111 to 7113 7121 to 7129	54
51	Services to firms, except financial and real estate services	510102	Renting of personal and housing goods nec	832	7130	54
51	Services to firms, except financial and real estate services	510200	Telecommunications services; information retrieval and supply services	84	7210 to 7250- 7290	54
51	Services to firms, except financial and real estate services	510300	Support services	85	7310-7320-73	54
51	Services to firms, except financial and real estate services	510401	Legal activities	861	7411	54
51	Services to firms, except financial and real estate services	510402	Accounting, book-keeping and auditing activities	862	7412	54
51	Services to firms, except financial and real estate services	510403	Tax consultancy	863	7412	54
51	Services to firms, except financial and real estate services	510404	Market research and public opinion polling	864	7413	54
51	Services to firms, except financial and real estate services	510405	Business and management consultancy activities	865-866	7414	54
51	Services to firms, except financial and real estate services	510406	Architectural and engineering activities and related technical consultancy	867	7421-7422	54
51	Services to firms, except financial and real estate services	510501	Advertising	871	7430	54
51	Services to firms, except financial and real estate services	510502	Labor recruitment and provision of personnel	872	7491	54

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
51	Services to firms, except financial and real estate services	510503	Investigation and security activities	873	7492	54
51	Services to firms, except financial and real estate services	510504	Building-cleaning activities	874	7493	54
51	Services to firms, except financial and real estate services	510505	Photographic activities	875	7494	54
51	Services to firms, except financial and real estate services	510506	Packaging activities and other commercial activities	876-879	7495-7499	54
52	Domestic services	520000	Domestic services	98	9500	55
53	Education, private	530100	Preschool education services	9211	8010	56
53	Education, private	530200	Other primary education services	9219	8010	56
53	Education, private	530300	Secondary education services	922	8021-8022	56
53	Education, private	530400	Higher education services	923	8030	56
53	Education, private	530500	Education services for adults n.c.p.	924	8090	56
53	Education, private	530600	Other education and training services	929	8090	56
54	Health and social services, private	540100	Human health services	931	8511-8512-8519	56
54	Health and social services, private	540200	Veterinary services	932	8520	56
54	Health and social services, private	540300	Social services	933	8531-8532	56
55	Recreational and other services, private	550100	Activities of membership organizations nec	95 to 97	9111-9112-9120	55
55	Recreational and other services, private	550201	Motion picture and video production and distribution	9611	9211	55
55	Recreational and other services, private	550202	Motion picture projection	9612	9212	55
55	Recreational and other services, private	550203	Radio and television activities	9613	9213	55
55	Recreational and other services, private	550204	Other arts activities	9619	9214-9219	55
55	Recreational and other services, private	550205	News agency activities	962	9220	55
55	Recreational and other services, private	550206	Library, archives and other cultural activities	963	9231-9232-9233	55
55	Recreational and other services, private	550207	Sporting and other recreational private activities	964	9241-9249	55
55	Recreational and other services, private	550208	Artistic production			55
55	Recreational and other services, private	550300	Other services	97		55

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Input-Output		Supply-Utilization Table			CIU	
Sector	Description	Sector	Description	CPC	ISIC_4 r3	GSC2
56	Public services and other community services: social security (except education, health and recreation)	560101	General (overall) public service activities	9111	7511	56
56	Public services and other community services: social security (except education, health and recreation)	560102	Regulation of the activities of agencies that provide health care, education, cultural services and other social services excluding social security	9112	7512	56
56	Public services and other community services: social security (except education, health and recreation)	560103	Regulation of and contribution to more efficient operation of business	9113	7513	56
56	Public services and other community services: social security (except education, health and recreation)	560104	General services for the government nec	9114	7514	56
56	Public services and other community services: social security (except education, health and recreation)	560200	Services to the community as a whole	912	7521-7522-7523	56
56	Public services and other community services: social security (except education, health and recreation)	560301	Administration of health services		7530	56
56	Public services and other community services: social security (except education, health and recreation)	560302	Compulsory social security activities		7530	56
57	Public education	570100	Non market preschool education services	9211	8010	56
57	Public education	570200	Other non market primary education services	9219	8010	56
57	Public education	570300	Non market secondary education services	922	8021-8022	56
57	Public education	570400	Non market higher education services	923	8030	56
57	Public education	570500	Non market education and training services for adults	924	8090	56

Continued

Table 11.1.A1 Concordance between Colombian I-O table, ISICr3, and GSC2 (Contd)

Sector	Input-Output		Supply-Utilization Table			CIIU	GSC2
	Description	Sector	Description	CPC	ISIC_4 r3		
57	Public education	570600	Other non market education and training services	929	8090	56	
58	Public health and other public social services	580100	Non market human health services	931	8511-8512-8519	56	
58	Public health and other public social services	580200	Non market social services	933	8531-8532	56	
59	Public associations, recreational and other public services	590100	Institutions financed by APU			56	
59	Public associations, recreational and other public services	590200	Institutions financed by the households			56	