

Table 1 Comparison across international sources of the value of exports for top 25 countries, 1992 (US\$ billion)

	FAO	WB	IFS	UN	WB b.o.p.
United States	448.2	448.0	448.2	444.2	440.4
Germany	429.7	422.0	422.3	425.7	406.7
Japan	339.9	340.0	339.8	339.5	330.9
France	249.7	236.0	235.9	231.5	225.3
United Kingdom	187.6	190.0	190.0	181.1	188.5
Italy	178.6	178.0	178.2	178.8	178.2
Netherlands	141.0	140.0	139.9	139.9	129.2
Canada	134.8	134.0	134.4	132.2	132.4
Belgium-Lux.	123.9	123.0	123.1	123.1	113.6
China	85.0	80.5	84.9	84.9	69.6
Korea, Republic of	76.6	76.6	76.6	76.4	75.2
Switzerland	65.8	61.4	61.4	65.6	79.4
Spain	64.7	64.3	64.3	64.4	63.9
Singapore	63.4	63.5	63.5	63.4	62.1
Sweden	56.3	56.1	56.1	55.8	55.4
Mexico	27.5	46.3	27.6	46.2	27.5
Austria	40.9	47.3	47.3	44.4	43.4
Malaysia	40.7	40.7	40.7	40.8	39.6
Denmark	40.3	41.1	39.6	39.8	40.7
Australia	42.3	42.8	42.8	41.9	42.4
Brazil	36.2	35.8	35.9	36.0	35.8
Norway	35.2	35.2	35.2	34.0	35.2
Indonesia	34.0	33.9	33.9	33.8	33.8
Thailand	32.5	32.5	32.5	32.5	32.1
Ireland	28.3	28.3	28.3	28.3	27.9
Total	3003.2	2997.3	2982.4	2988.1	2908.7

Note: Includes re-exports and intra-EU trade

Sources: Food and Agriculture Organization (FAO), World Bank World Tables 1995, Customs and Balance of Payments b.o.p., International Financial Statistics (IFS), UN COMTRADE

Table 2 Comparison across international sources of the value of imports for top 25 countries
(1992 \$US billion)

	FAO	WB	IFS	UN	WB b.o.p.
United States	554.0	554.0	553.9	551.6	536.5
Germany	409.9	402.0	402.4	406.7	373.9
France	258.8	240.0	239.7	238.3	223.6
Japan	233.4	233.0	233.2	231.0	198.5
United Kingdom	222.5	222.0	221.5	216.5	211.9
Italy	189.2	188.0	188.5	184.5	175.1
Netherlands	147.9	134.0	133.8	134.4	117.9
Belgium-Lux.	132.3	125.0	125.0	124.7	112.3
Canada	122.6	129.0	129.3	122.0	126.4
Spain	100.0	99.8	99.8	99.5	95.0
Korea, Republic of	81.8	81.8	81.8	81.4	77.3
China	80.6	76.4	80.6	80.6	64.4
Singapore	72.1	72.2	72.2	72.1	67.9
Switzerland	65.9	61.7	61.7	65.6	78.9
Mexico	48.1	62.1	48.2	61.9	48.2
Austria	53.2	54.1	54.1	54.1	52.2
Sweden	50.2	50.0	50.0	49.6	48.6
Australia	39.2	43.8	43.8	42.1	40.8
Malaysia	39.8	39.9	39.9	39.1	36.2
Thailand	40.7	40.7	40.7	38.7	36.3
Denmark	34.7	35.2	33.7	33.6	33.4
Portugal	29.5	29.6	29.6	30.5	27.7
Indonesia	27.3	27.3	27.3	27.3	26.8
Norway	26.1	25.9	25.9	25.8	25.9
India	24.1	23.6	23.6	24.2	23.2
Total	3084.0	3051.1	3040.2	3035.7	2858.7

Note: Includes intra-EU trade.

Sources: Food and Agriculture Organization (FAO), World Bank WB World Tables 1995 Customs and Balance of Payments (b.o.p.), International Financial Statistics (IFS), UN COMTRADE

Table 3 Comparisons of FAO and COMTRADE of major agricultural commodities for major exporters value of trade in thousands \$US.

	Commodity	FAO value	COMTRADE value	FAO / COMTRADE
Argentina	Wheat	715,788	715,788	1.00
Australia	Wheat	1,161,310	1,081,292	1.07
Canada	Wheat	3,870,900	3,890,187	1.00
France	Wheat	3,302,000	3,290,320	1.00
Germany	Wheat	882,820	878,038	1.01
USA	Wheat	4,498,630	4,496,443	1.00
Argentina	Maize	636,604	636,604	1.00
Australia	Maize	2,256	2,799	0.81
Brazil	Maize	515	515	1.00
Canada	Maize	51,484	52,083	0.99
France	Maize	1,910,610	1,907,133	1.00
Germany	Maize	79,454	79,034	1.01
USA	Maize	4,951,000	4,943,654	1.00
Argentina	Bovine Meat	337,947	337,948	1.00
Australia	Bovine Meat	2,128,280	2,165,235	0.98
Brazil	Bovine Meat	283,347	283,348	1.00
Canada	Bovine Meat	305,202	304,834	1.00
France	Bovine Meat	1,575,340	1,569,706	1.00
Germany	Bovine Meat	1,657,600	1,661,473	1.00
USA	Bovine Meat	2,000,550	1,998,102	1.00
Honduras	Bananas	286,500	292,828	0.98
Ecuador	Bananas	667,917	675,917	0.99
Philippines	Bananas	157,734	157,776	1.00

Table 4 Comparisons of FAO and COMTRADE of major agricultural commodities for major importing countries (value of trade in thousands \$US).

Country	Commodity	FAO	COMTRADE	FAO / COMTRADE
Italy	Wheat	1,650,900	1,647,552	1.00
China	Wheat	1,503,730	1,503,725	1.00
Japan	Wheat	1,176,970	1,175,282	1.00
Brazil	Wheat	617,553	390,313	0.63
Korea	Wheat	543,690	543,690	1.00
UK	Wheat	311,583	320,841	1.03
Germany	Wheat	271,069	270,676	1.00
USA	Wheat	200,107	200,107	1.00
Switzerland	Wheat	49,719	49,582	1.00
France	Wheat	40,363	40,009	0.99
Italy	Bovine Meat	2,220,580	2,209,268	0.99
Japan	Bovine Meat	2,090,520	2,087,533	1.00
USA	Bovine Meat	1,889,160	1,889,160	1.00
Germany	Bovine Meat	1,639,970	1,630,791	0.99
France	Bovine Meat	1,631,590	1,623,397	1.00
UK	Bovine Meat	666,560	677,813	1.02
Korea	Bovine Meat	477,830	477,830	1.00
Brazil	Bovine Meat	120,818	120,831	1.00
Switzerland	Bovine Meat	47,663	47,531	1.00
China	Bovine Meat	4,004	4,005	1.00
USA	Coffee Green & Roasted	1,746,570	1,746,732	1.00
Germany	Coffee Green & Roasted	1,309,680	1,302,885	0.99
France	Coffee Green & Roasted	543,326	541,362	1.00
Japan	Coffee Green & Roasted	485,205	484,510	1.00
Italy	Coffee Green & Roasted	376,931	375,462	1.00
UK	Coffee Green & Roasted	204,305	203,742	1.00
Switzerland	Coffee Green & Roasted	135,099	134,724	1.00
Korea	Coffee Green & Roasted	73,477	73,478	1.00
China	Coffee Green & Roasted	4,824	5,766	1.20
Brazil	Coffee Green & Roasted	205	205	1.00
USA	Bananas	1,280,000	1,342,057	1.05
Germany	Bananas	784,325	783,017	1.00
Japan	Bananas	523,326	523,395	1.00
France	Bananas	417,969	399,893	0.96
UK	Bananas	417,781	415,994	1.00
Italy	Bananas	319,871	529,311	1.65
Korea	Bananas	80,811	80,811	1.00

Switzerland	Bananas	66,053	65,870	1.00
China	Bananas	5,301	5,301	1.00

Table 5 Country reported totals and bilateral trade: the case of Chinese wheat imports

Exporter	Reported by exporter	Reported by		China's share of partner total	Total reported by exporter	Exporter total with China reported bilateral	Percent difference in country totals
		China	imports / exports				
Canada	1,020,897	847,553	0.83	26.2	3,890,187	3,666,780	-5.7
USA.	272,951	447,412	1.64	6.1	4,496,443	4,644,476	3.3
France	77,570	170,195	2.19	2.4	3,290,320	3,372,892	2.5
Poland	1,943	2,459	1.27	3.4	57,837	58,208	0.6
Other	41,542	36,106	0.87	na	na	na	na
Total	1,414,903	1,503,725	1.06	na	na	na	na

Australia and Russian Federation are part of 'Other' which do not report bilateral wheat trade

Table 6 Selected examples of reported trade for chemicals, rubber, and plastics : The case of Australia's exports (\$US thousand)

Commodity codes	Commodity description	Importing country	Reported by importer	Reported by Australia	Imports / exports
SITC 5136	Inorganic Bases	Brazil	5,443	41	134.1
SITC 5136	Inorganic Bases	Canada	192,499	1,070	179.9
SITC 5136	Inorganic Bases	Germany	38,875	27	1425.0
SITC 5136	Inorganic Bases	New Zealand	107,427	461	232.8
SITC 5136	Inorganic Bases	United Kingdom	1,639	1,506	1.1
SITC 5136	Inorganic Bases	United States	637,489	8,649	73.7
Subtotal			983,371	11,755	83.7
SITC 5417	Medicaments	Brazil	nr.	15	0.0
SITC 5417	Medicaments	Canada	8,746	7,903	1.1
SITC 5417	Medicaments	Germany	127	863	0.1
SITC 5417	Medicaments	New Zealand	76,184	64,201	1.2
SITC 5417	Medicaments	United Kingdom	23,776	25,530	0.9
SITC 5417	Medicaments	United States	2,964	4,241	0.7
Subtotal			111,796	102,753	1.1
SITC 5419	Pharmaceutical	Canada	540	246	2.2
SITC 5419	Pharmaceutical	Germany	393	1,080	0.4
SITC 5419	Pharmaceutical	New Zealand	4,343	3,724	1.2
SITC 5419	Pharmaceutical	United Kingdom	616	1,201	0.5
SITC 5419	Pharmaceutical	United States	1,316	3,490	0.4
Subtotal			7,208	9,742	0.7

SITC 6291	Rubber Tires,Tubes	Canada	15	9	1.6
SITC 6291	Rubber Tires,Tubes	Germany	468	359	1.3
SITC 6291	Rubber Tires,Tubes	New Zealand	9,880	8,718	1.1
SITC 6291	Rubber Tires,Tubes	United Kingdom	2,580	2,727	0.9
SITC 6291	Rubber Tires,Tubes	United States	4,010	4,488	0.9
Subtotal			16,954	16,301	1.0
SITC 8930	Articles of Plastic	Brazil	19	12	1.6
SITC 8930	Articles of Plastic	Canada	581	724	0.8
SITC 8930	Articles of Plastic	Germany	1,017	680	1.5
SITC 8930	Articles of Plastic	New Zealand	38,491	34,868	1.1
SITC 8930	Articles of Plastic	United Kingdom	8,452	8,734	1.0
SITC 8930	Articles of Plastic	United States	4,448	4,448	1.0
Subtotal			53,007	49,467	1.1
GTAP 24	Chem.,Rubb.,&Plast	World	2,853,485	1,475,079	1.9

Table 7 Selected examples of reported trade for chemicals, rubber, plastics: importers trade with the world excluding Australia in \$US thous.

Commodity codes	Commodity description	Importing country	Reported by importer	Reported by world excl. Australia	Imports / exports
SITC 5136	Inorganic Bases	Canada	259270	261224	1.0
SITC 5136	Inorganic Bases	Germany	342932	214097	1.6
SITC 5136	Inorganic Bases	New Zealand	12211	9966	1.2
SITC 5136	Inorganic Bases	United Kingdom	103320	209293	0.5
SITC 5136	Inorganic Bases	United States	861230	761874	1.1
		Subtotal	1707558	1566481	1.1
SITC 5417	Medicaments	Brazil	113476	112648	1.0
SITC 5417	Medicaments	Canada	855317	812304	1.1
SITC 5417	Medicaments	Germany	2810298	2775369	1.0
SITC 5417	Medicaments	New Zealand	150462	98775	1.5
SITC 5417	Medicaments	United Kingdom	1967038	1818117	1.1
SITC 5417	Medicaments	United States	1777985	1855452	1.0
		Subtotal	7674576	7472665	1.0
SITC 5419	Pharmaceutical	Brazil	11324	13765	0.8
SITC 5419	Pharmaceutical	Canada	110150	126213	0.9
SITC 5419	Pharmaceutical	Germany	429500	453121	0.9
SITC 5419	Pharmaceutical	New Zealand	14597	15504	0.9
SITC 5419	Pharmaceutical	United Kingdom	203093	231341	0.9
SITC 5419	Pharmaceutical	United States	333598	321226	1.0
		Subtotal	1102263	1161169	0.9

SITC 6291	Rubber Tires,Tubes	Brazil	25258	21735	1.2
SITC 6291	Rubber Tires,Tubes	Canada	775300	787082	1.0
SITC 6291	Rubber Tires,Tubes	Germany	2455113	2365530	1.0
SITC 6291	Rubber Tires,Tubes	New Zealand	41559	34304	1.2
SITC 6291	Rubber Tires,Tubes	United Kingdom	1128570	1044123	1.1
SITC 6291	Rubber Tires,Tubes	United States	2484929	2351559	1.1
Subtotal			6910730	6604333	1.0
SITC 8930	Articles of Plastic	Brazil	97075	63066	1.5
SITC 8930	Articles of Plastic	Canada	1136053	1127425	1.0
SITC 8930	Articles of Plastic	Germany	4248353	3965656	1.1
SITC 8930	Articles of Plastic	New Zealand	72612	45579	1.6
SITC 8930	Articles of Plastic	United Kingdom	2502667	2126550	1.2
SITC 8930	Articles of Plastic	United States	3492439	2943766	1.2
Subtotal			11549199	10272042	1.1

Table 8 Selected examples of reported trade for non-grain crops: the case of Philippine exports (in \$US thous).

Commodity codes	Commodity description	Importing country	Reported by importer	Reported by the Philippines	Imports / exports
SITC 0513	Bananas,Plantains,Fresh	Japan	364,428	115,126	3.17
SITC 0513	Bananas,Plantains,Fresh	Korea	38,195	14,049	2.72
SITC 0513	Bananas,Plantains,Fresh	Singapore	961	475	2.02
SITC 0513	Bananas,Plantains,Fresh	United States	942	39	24.18
		Subtotal	404,526	129,690	3.12
SITC 0519	Fresh Fruit nes.	Japan	71,730	36,154	1.98
SITC 0519	Fresh Fruit nes.	Korea	2,145	694	3.09
SITC 0519	Fresh Fruit nes.	Singapore	1,570	1,327	1.18
SITC 0519	Fresh Fruit nes.	United States	544	571	0.95
		Subtotal	75,989	38,747	1.96
SITC 2655	Manila Fibre	Indonesia	129	149	0.86
SITC 2655	Manila Fibre	Japan	4,059	3,250	1.25
SITC 2655	Manila Fibre	Korea	271	226	1.19
SITC 2655	Manila Fibre	United States	8,390	7,137	1.18
		Subtotal	12,849	10,763	1.19
SITC 2926	Live Plants,Bulbs,etc.	Japan	178	170	1.05
SITC 2926	Live Plants,Bulbs,etc.	Korea	193	149	1.30
SITC 2926	Live Plants,Bulbs,etc.	Singapore	3	1	2.43
SITC 2926	Live Plants,Bulbs,etc.	United States	13	11	1.20

		Subtotal	388	331	1.17
SITC 2929	Vegetable Matter nes.	Indonesia	117	95	1.23
SITC 2929	Vegetable Matter nes.	Japan	3,608	3,028	1.19
SITC 2929	Vegetable Matter nes.	Korea	3,247	2,105	1.54
SITC 2929	Vegetable Matter nes.	Singapore	275	232	1.19
SITC 2929	Vegetable Matter nes.	United States	6,065	5,991	1.01
		Subtotal	13,311	11,450	1.16
GTAP 4	Non-Grain Crops	World	746,180	409,022	1.82

The Philippines exports to the world for non-grain crops includes a total of 531 transactions.

Table 9 Selected examples of reported values and quantities from 1985 to 1994 : the case of Philippine banana exports

Year	Importing Country	Reported by the importer	Reported by the Phillippines	Reported by the importer	Reported by the Phillippines	Quantity of imports/exports	Value of imports/exports	Import Unit Value	Export Unit Value	Imp.Unit Value/Exp. Unit Value
		metric tons (MT)	metric tons (MT)	\$US thous	\$US thous			\$ US thous / MT	\$ US thous / MT	
1994	Korea	117,559	117,825	40,711	20,279	1.00	2.01	0.35	0.17	2.01
1993	Korea	110,361	105,068	42,682	19,715	1.05	2.16	0.39	0.19	2.06
1992	Korea	76,676	72,617	38,195	14,049	1.06	2.72	0.50	0.19	2.57
1991	Korea	129,500	126,267	88,058	23,850	1.03	3.69	0.68	0.19	3.60
1990	Korea	7,004	10,046	5,420	2,464	0.70	2.20	0.77	0.25	3.16
1989	Korea	1,043	1,013	663	165	1.03	4.02	0.64	0.16	3.90
1988	Korea	3,307	3,397	2,132	1,261	0.97	1.69	0.64	0.37	1.74
1987	Korea	3,290	3,370	1,899	1,097	0.98	1.73	0.58	0.33	1.77
1986	Korea	904	947	576	142	0.95	4.05	0.64	0.15	4.24
1985	Korea	757	839	482	118	0.90	4.10	0.64	0.14	4.55
1994	Japan	684,608	768,813	289,148	148,652	0.89	1.95	0.42	0.19	2.18
1993	Japan	668,840	745,384	331,933	148,924	0.90	2.23	0.50	0.20	2.48
1992	Japan	546,670	589,126	364,428	115,126	0.93	3.17	0.67	0.20	3.41
1991	Japan	586,856	661,048	328,300	119,453	0.89	2.75	0.56	0.18	3.10
1990	Japan	585,224	622,819	311,083	110,675	0.94	2.81	0.53	0.18	2.99
1989	Japan	620,477	654,991	341,613	112,369	0.95	3.04	0.55	0.17	3.21
1988	Japan	600,352	639,059	340,058	106,815	0.94	3.18	0.57	0.17	3.39
1987	Japan	569,976	603,407	263,544	93,876	0.94	2.81	0.46	0.16	2.97
1986	Japan	620,488	647,635	308,071	97,742	0.96	3.15	0.50	0.15	3.29
1985	Japan	559,739	598,008	247,436	85,713	0.94	2.89	0.44	0.14	3.08

Table 9 Selected examples of reported values and quantities from 1985 to 1994 : the case of Philippine banana exports (continued)

Year	Importer	TQUANM	TQUAN	MVALS
1994	Korea	117559	117824.56	40710.62
1993	Korea	110361	105068.06	42681.55
1992	Korea	76676	72617.13	38194.77
1991	Korea	129500	126266.56	88057.5
1990	Korea	7004	10046.21	5419.7
1989	Korea	1043	1012.75	663.3
1988	Korea	3307	3396.69	2132.19
1987	Korea	3290	3369.56	1898.72
1986	Korea	903.63	946.69	576.43
1985	Korea	756.5	839.13	482.2
1994	Japan	684607.88	768812.56	289147.94
1993	Japan	668840	745383.81	331933
1992	Japan	546669.81	589126.31	364427.56
1991	Japan	586856.19	661047.56	328300
1990	Japan	585224.25	622818.69	311083
1989	Japan	620477.44	654990.69	341612.94
1988	Japan	600352.44	639059.25	340058.38
1987	Japan	569976.25	603407.13	263544.44
1986	Japan	620487.75	647634.5	308071.38
1985	Japan	559739.25	598007.75	247435.5

Table 10 Average discrepancy and distribution of transactions across size classes for 4-digit SITC level of aggregation

Size class in millions \$US	Simple average discrepancy (%)	Value-weighted average discrepancy (%)	Share of transactions in total (%)	Share of value in world total (%)
< 1	7793.73	146.26	73.1	1.95
1 < and < 10	61.43	55.12	19.15	10.3
10 < and < 25	37.05	36.53	3.83	9.56
25 < and < 75	31.61	31.04	2.47	16.51
75 <	25.39	23.22	1.45	61.68

Table 11 Average discrepancy and distribution of transactions across size classes or GTAP sector level of aggregation

Size class in millions \$US	Simple average discrepancy (%)	Value-weighted average discrepancy (%)	Share of transactions in total (%)	Share of value in world total (%)
< 1	1457	1092	32.0	0.04
1 < and < 10	276	202	27.9	0.56
10 < and < 25	78	77	11.4	0.92
25 < and < 75	53	51	11.8	2.59
75 <	38	20	16.9	95.89

Table 12 Selected examples of reported and reconciled transactions at the SITC level of aggregation

Commodity	Importer	Exporter	Reported by importer	Reported by exporter	Reliability index of importer	Reliability index of exporter	Most reliable reporter
Inorganic Bases	Brazil	Australia	5,443	41	54.0	5.3	Brazil
Inorganic Bases	Canada	Australia	192,499	1,070	97.5	5.3	Canada
Inorganic Bases	United Kingdom	Australia	1,639	1,506	35.9	5.3	United Kingdom
Inorganic Bases	United States	Australia	637,489	8,649	77.3	5.3	United States
Medicaments	Germany	Australia	127	863	89.4	42.2	Germany
Medicaments	New Zealand	Australia	76,184	64,201	27.2	42.2	Australia
Pharmaceutical Goods	Germany	Australia	393	1,080	78.1	41.9	Germany
Pharmaceutical Goods	United Kingdom	Australia	616	1,201	30.5	41.9	Australia
Pharmaceutical Goods	United States	Australia	1,316	3,490	37.0	41.9	Australia
Rubber Tires,Tubes	Canada	Australia	15	9	89.3	58.5	Canada
Rubber Tires,Tubes	Germany	Australia	468	359	93.9	58.5	Germany
Rubber Tires,Tubes	New Zealand	Australia	9,880	8,718	41.3	58.5	Australia
Articles of Plastic	Brazil	Australia	19	12	46.8	47.9	Brazil
Articles of Plastic	New Zealand	Australia	38,491	34,868	52.6	47.9	New Zealand
Wheat	Peru	Argentina	59,625	65,982	78.1	89.0	Argentina
Wheat	Syria	Argentina	5,946	5,007	100.0	89.0	Syria
Wheat	Algeria	Canada	60,873	41,666	66.0	69.4	Canada
Wheat	China	Canada	847,553	1,020,897	83.3	69.4	China
Wheat	Italy	Canada	72,813	47,382	90.5	69.4	Italy
Wheat	Japan	Canada	326,178	244,386	100.0	69.4	Japan
Wheat	Algeria	France	115,045	98,412	66.0	89.7	France
Wheat	China	France	170,195	77,570	83.3	89.7	France
Wheat	Italy	France	890,233	831,887	90.5	89.7	Italy
Wheat	Morocco	France	97,036	86,234	76.0	89.7	France
Wheat	Peru	France	2,052	3,202	78.1	89.7	France
Wheat	Syria	France	4,609	7,733	100.0	89.7	Syria

Wheat	China	Poland	2,459	1,943	83.3	78.8	China
Wheat	Algeria	USA	142,047	69,125	66.0	67.1	USA
Wheat	Sri Lanka	USA	47,489	84,351	0.0	67.1	USA
Wheat	Italy	USA	65,920	46,760	90.5	67.1	Italy
Wheat	Japan	USA	652,570	584,317	100.0	67.1	Japan
Wheat	Korea	USA	274,796	235,559	69.4	67.1	Korea
Wheat	Morocco	USA	76,539	77,879	76.0	67.1	Morocco
Wheat	Peru	USA	32,698	33,576	78.1	67.1	Peru
Wheat	Switzerland	USA	7,403	223	65.7	67.1	USA
