

**OECD**  
**STATISTICS DIRECTORATE**

**ECONOMIC ACCOUNTS  
FOR AGRICULTURE**

**CD ROM**

*Beyond 20/20*

**User Guide**

**2003**

Sources of information on OECD data:

The OECD web site contains information on OECD data, including access to various OECD sources and methods publications : see [www.oecd.org](http://www.oecd.org)

**Contact:**

OECD  
Electronic Publications  
2, rue André Pascal  
75775 Paris Cedex 16  
France

Fax: (33-1) 49-10-42-76

E-mail: [sales@oecd.org](mailto:sales@oecd.org)

This compilation © OECD, 2003

## TABLE OF CONTENTS

<b>1. INTRODUCTION</b>	<b>4</b>
<b>2. DESCRIPTION OF <i>EAA ON BEYOND 20/20</i></b>	<b>5</b>
<b>3. INSTALLATION PROCEDURE OF <i>EAA ON BEYOND 20/20</i></b>	<b>5</b>
<b>4. CONTENTS OF THE CD ROM</b>	<b>5</b>
4.1 Presentation and Methodological Approach	6
4.2 The countries (see also Annex)	7
4.3 The Metadata	7
<b>5. EXPORTING <i>EAA ON BEYOND 20/20</i> DATA</b>	<b>8</b>
<b>6. DESCRIPTION OF THE CSV FILE FORMAT</b>	<b>8</b>
6.1 Record Structure of the files	8
6.2 Example of a Record	9
<b>ANNEX: COUNTRIES COVERED (BY ALPHABETICAL ORDER)</b>	<b>10</b>
<b>ANNEX: GENEALOGICAL TABLE OF THE EAA</b>	<b>11</b>

# Economic Accounts for Agriculture -- User Guide

## 1. Introduction

This database is unique in the sense that it is providing harmonized agricultural economic data for all OECD countries, comparable with the EU-15. A particular effort has been undertaken by OECD to assess the implications of the 1993 revision of the System of National Accounts (SNA 1993), together with the subsequent adaptations for Europe (ESA 1995 and EAA 1997). The result can be considered as a fairly solid compromise, reconciling both the needs from an EU perspective with the sometimes different needs and characteristics of other developed economies of the OECD.

The International Trade and Structural Economic Statistics Section (TASS), which is responsible for this publication invites comments from users in order to further enhance its usefulness and to improve the coherence of concepts applied and, consequently, the comparability of data.

This is the electronic 2003 edition of the statistical publication on **Economic Accounts for Agriculture of the OECD**.

This *Beyond 20/20* CD-ROM contains data organised in one publication (**EAA.IVT**), according to the sequence of accounts adopted for agricultural economic analysis.

The CD ROM also contain the file (**EAAMETHO.PDF**) including the presentation and the methodological approach of Economic Accounts for Agriculture, as well as notes and the list of items used to elaborate the accounts

The *Beyond 20/20* data browser is also provided on the CD ROM with installation instructions.

The Section Head  
International Trade and Structural Economic Statistics  
Statistics Directorate  
OECD  
July 2003

*Andreas LINDNER*  
*Tel: (33-1) 45-24-95-44*  
*Fax : (33-1) 45-24-98-14*  
*E-mail : [Andreas.LINDNER@oecd.org](mailto:Andreas.LINDNER@oecd.org) or [STD.AgrAccounts@oecd.org](mailto:STD.AgrAccounts@oecd.org)*

## 2. Description of *EAA on Beyond 20/20*

A separate manual is provided for technical assistance.

The data is presented in a 5-dimensional table. The five dimensions of the table are countries, measure (current national currency, current USD converting using PPP, constant national currency, constant USD converting using PPP, price indexes currencies), item (account elements), value unit and time period.

Opening the table, the items for each country and each currency are presented vertically with time shown across the page. The table may be changed easily for different presentations.

You may also choose the level of detail (1 to 6) for EAA you wish to view by

1. selecting the dimension “Series” in the table
2. clicking on the item **D**imension, **S**earch, **L**evel.

You must then type “1” in the dialog box.

To view a more detailed list of items, repeat the instructions 1 and 2 above, and then choose **E**xpand and type in the dialog box “2”, “3”, “4”, etc.

To cancel the selection, click on **D**imension and then **S**how all.

## 3. Installation procedure of *EAA on Beyond 20/20*

Installing *Beyond 20/20* and the OECD *Economic Accounts for Agriculture* CD ROM on your hard disk.

1. Insert the CD ROM into your CD ROM drive;
2. In File manager (*Windows<sup>TM</sup> 3.1*) or *Windows<sup>TM</sup> Explorer* (*Windows<sup>TM</sup> 95* or higher, or *Windows<sup>TM</sup> NT*), click on drive d: (if your CD ROM drive is not drive d:, then replace d: with the appropriate letter) and then double click on SETUP.BAT file (16 or 32 bits versions);
3. Follow the instructions.

## 4. Contents of the CD ROM

This is the electronic 2003 edition of the statistical publication on **Economic Accounts for Agriculture of the OECD**.

This *Beyond 20/20* CD-ROM contains data organised in one publication (**EAA.IVT**), according to the sequence of accounts adopted for agricultural economic analysis.

## 4.1 Presentation and Methodological Approach (see also Annex)

### 4.2.1 Measure

The measures are expressed in four different value terms: national currency current and constant 1995 prices, million current and constant 1995 USD converted using PPPs (Purchasing Power Parities).

In line with SNA 1993 recommendations, output values are expressed, whenever possible, at basic prices. That is, subsidies on products have been added to and taxes on products (other than VAT) have been subtracted from producer priced-based output.

### 4.2.2 Output concepts

“Total Agricultural output” is composed of “Agricultural Output” and “Non-Agricultural Secondary Activities”. “Agricultural Output” is composed of “Agricultural Goods Output” and “Agricultural Service Output”. In addition, to accommodate specific necessary adjustments (e.g. forestry activities which could not be separately identified) the category “Miscellaneous” has been added to “Agricultural Output”.

“Agricultural Goods Output” is composed of “Crop Output” and “Animal Output”, which in turn are broken down by products according to the standard OECD classification.

### 4.2.3 Sequence of accounts items

As said, the SNA 93 recommendations are followed.

The starting point of the **Current Transaction Accounts** is the **Production Account**.

From the **Output** values **Input** values (Intermediate consumption) are subtracted to obtain **Gross Value Added (GVA)**. After the deduction of fixed capital consumption from GVA, **Net Value Added (NVA)** is obtained.

The **Generation of Income Account** uses the NVA as starting point. After subtraction of “Other taxes on **production**” and addition of “Other subsidies on **production**”, **Factor Income** is obtained. The result of subtracting “Compensation of employees” is the position “**Operating Surplus/Mixed Income (net)**”, which represents the yield from land, capital and unpaid labour.

This last position is again the starting point for another current transaction account, the **Entrepreneurial Income Account**. After balancing “interest paid” and “interest received” and “rents and other real estate rental charges”, the **Net Entrepreneurial Income**, that is the yield from unpaid labour, remuneration from land and capital, is obtained.

The Sequence of current transaction accounts is followed by the **Capital Account** of accumulation accounts. It consists of the **Gross Fixed Capital**

**Formation (GFCF)**, the resident producers' acquisitions less disposals of fixed assets during a given period, a broken down by agricultural and non-agricultural products, and other GFCF. After the deduction of fixed capital consumption, **Net Fixed Capital Formation (NFCF)** is obtained.

In addition to GFCF/NFCF, **Stock Changes** are shown for input stocks (e.g. raw materials and supplies) and for output stocks (e.g. stocks of finished products and work-in-progress). Similarly, **Capital Transfers** (e.g. investment grants) are part of the new EAA standard tables.

## 4.2 The countries (see also Annex)

The countries are the OECD Member countries (i.e. 30 countries). In addition, aggregates covering the European Union (EU-15) and the Euro Zone (EUR-11 until 31/12 2000. From 1/1 2001 EUR-12) are provided. The full list of countries is provided in the Annex. Concerning OECD's newest Member countries (Mexico, the Czech Republic, Poland, Hungary and Korea), a particular effort has been undertaken to include them progressively in the Economic Accounts for Agriculture framework. As can be seen from the table, visible progress has been made, but much still remains to be done.

Data are submitted directly to the OECD by most non-EU OECD Member countries and are published without any further changes. For the non-EU OECD Member countries United States and Canada, data are transmitted from USDA and Statistic Canada. Data for the fifteen European Union (EU) countries are transmitted to the OECD by Eurostat.

## 4.3 The Metadata

EAA on Beyond 20/20 provides extensive metadata. This includes: a description of the methodology applied, calculation methods, specific notes, etc. The metadata may be viewed as follows:

- Detailed Methodological Notes setting out the standard target methodologies can be found by consulting the file **EAAMETHO.PDF**.
- **On-screen** in *Beyond 20/20* specific explanatory notes are available for some dimensions (e.x.: national particularities relating to specific items). Metadata are available by double clicking on the underlined text.

Users of the data are encouraged to consult all the metadata available.

## 5. Exporting *EAA on Beyond 20/20* Data

Files can be exported from Beyond 20/20 as CSV, WKS, WK1, dBASE, TEXT and AREMOS TSD.

## 6. Description of the csv file format

The csv file format version of *Economic Accounts for Agriculture* is an ASCII comma separated values (csv) format. It has been designed for easy bulk data transfer of OECD data files onto a database system. The data file is compressed into a zip-file on the CD-ROM (EAACSV.ZIP). The compression program used is winzip.

### 6.1 Record Structure of the files

The first record gives the list of fields. The other records contain the time series, one per record, with the attributes and data as presented in the first record and separated by commas. If the data is not available there is nothing between the corresponding commas.

The fields used to store the time series which are presented in the first record of the file are: *Series Code*, *Country*, *Item*, *Valuation*, *Measure* then *annual data* and *control codes*.

The content of the fields is the following:

- *Series code*: a string composed of a country code, an item code, a measurement code;
- *Country*: name of the country or zone concerned;
- *Item*: name of the series;
- *Valuation*: unit value of item ;
- *Measure*: measurement unit of the *Item* ;
- *Data and control codes*: value and qualifier. Values are expressed in the corresponding currency. In general there is no qualifier.

## 6.2 Example of a Record

The following is an example of a time series record and data corresponding to that:

```
"series code","country","item","valuation","measure","1995","control  
code","1996","control code","1997","control code","1998","control  
code","1999","control code","2000","control code","2001","control code"
```

```
"AUS.A.CO.99.CURUSD","Australia","Other crop products: others","Value at  
producer prices","Current USD (converted using  
PPPs)",717.82,,444.61,,590.76,,638.93,,546.15,,692.42,,
```

The “series codes” decomposition is as follows:

AUS – country code

A.CO.99 – item code

CURUSD – measure code

If you have any question regarding the data or the formats please do not hesitate to write to [STD.AgrAccounts@oecd.org](mailto:STD.AgrAccounts@oecd.org).

## **Annex: Countries covered** (by alphabetical order)

The list below shows the countries that are included in each publication of the *EAA* CD ROM.

Australia  
Austria  
Belgium  
Canada  
Czech Republic  
Denmark  
Finland  
France  
Germany  
Greece  
Hungary  
Iceland  
Ireland  
Italy  
Japan  
Korea  
Luxembourg  
Mexico  
Netherlands  
New Zealand  
Norway  
Poland  
Portugal  
Spain  
Sweden  
Switzerland  
Turkey  
United Kingdom  
United States

In addition, aggregates covering the European Union (EU-15) and the Euro Zone (EUR-11/12) are provided.

## Annex: Genealogical table of the EAA

The table shows the item elements and the interrelation to obtain the composites of the EAA.

The interrelation of the items is indicated by the item number for the item in consideration.

Item No	Item code	Item
1	A.IO	<b>TOTAL AGRICULTURAL OUTPUT (=2+61)</b>
2	A.OU	AGRICULTURAL OUTPUT (=3+56+57)
3	A.GO	AGRICULTURAL GOODS OUTPUT (=4+42)
4	A.CO	CROP OUTPUT (=5+13+19+23+26+27+33+36+37+41)
5	A.CO.10	Cereals (including rice) (=6+7+8+9+10+11+12)
6	A.CO.11	Wheat and spelt
7	A.CO.12	Rye and meslin
8	A.CO.13	Barley
9	A.CO.14	Oats and summer cereal mixtures
10	A.CO.15	Grain maize
11	A.CO.16	Rice
12	A.CO.19	Other cereals
13	A.CO.20	Industrial crops (=14+15+16+17+18)
14	A.CO.21	Oil seeds and oleaginous fruits (including seeds)
15	A.CO.22	Protein crops (including seeds)
16	A.CO.23	Raw tobacco
17	A.CO.24	Sugar beet
18	A.CO.29	Other industrial crops (including dried pulses)
19	A.CO.30	Forage plants (=20+21+22)
20	A.CO.31	Fodder maize
21	A.CO.32	Fodder root crops (including forage beet)
22	A.CO.39	Other forage plants
23	A.CO.40	Vegetables and horticultural products (=24+25)
24	A.CO.41	Fresh vegetables
25	A.CO.49	Plants and flowers
26	A.CO.50	Potatoes (including seeds)
27	A.CO.60	Fruits (=28+29+30+31+32)
28	A.CO.61	Fresh fruit
29	A.CO.62	Citrus fruits
30	A.CO.63	Tropical fruit
31	A.CO.64	Grapes
32	A.CO.65	Olives
33	A.CO.70	Wine (=34+35)
34	A.CO.71	Table wine
35	A.CO.72	Quality wine
36	A.CO.80	Olive oil
37	A.CO.90	Other crop products (=38+39+40)
38	A.CO.91	Vegetable materials used primarily for plaiting
39	A.CO.92	Seeds
40	A.CO.99	Other crop products: others
41	A.CO.AD	Adjustment
42	A.AO	ANIMAL OUTPUT (=43+51)
43	A.AO.10	ANIMALS (=44+45+46+47+48+49+50)
44	A.AO.11	Cattle
45	A.AO.12	Pigs

Item No	Item code	Item
46	A.AO.13	Equines
47	A.AO.14	Sheep and goats
48	A.AO.15	Poultry
49	A.AO.19	Other animals
50	A.AO.1A	Adjustment
51	A.AO.20	ANIMAL PRODUCTS (=52+53+54+55)
52	A.AO.21	Milk
53	A.AO.22	Eggs
54	A.AO.29	Other animal products
55	A.AO.2A	Adjustment
56	A.SO	AGRICULTURAL SERVICES OUTPUT
57	A.MI	MISCELLANEOUS (=58+59+60)
58	A.MI.20	Stock variations
59	A.MI.30	Forestry
60	A.MI.90	Other
61	A.SA	NON-AGRIC. SECONDARY ACTIVITIES (INSEPARABLE) (=62+73)
62	A.TA	PROCESSING OF AGRICULTURAL PRODUCTS (=63+64+65+66+67+68+71+72)
63	A.TA.10	- cereals
64	A.TA.20	- vegetables
65	A.TA.30	- fruits
66	A.TA.40	- wine
67	A.TA.50	- animals
68	A.TA.60	- animal products (=69+70)
69	A.TA.62	- milk
70	A.TA.69	- other animal products
71	A.TA.90	- other
72	A.TA.AD	- adjustment
73	A.ON	OTHER NON-SEPARABLE SECONDARY ACTIVITIES (GOODS AND SERVICES)
74	A.IC	<b>TOTAL INTERMEDIATE CONSUMPTION (=75+78+82+88)</b>
75	A.IC.10	Farm Origin (=76+77)
76	A.IC.11	Seeds and planting stock
77	A.IC.12	Animal feeding stuffs
78	A.IC.20	Manufactured inputs (=79+80+81)
79	A.IC.21	Fertilizers and soil improvers
80	A.IC.22	Plant protection products and pesticides
81	A.IC.23	Energy and lubricants
82	A.IC.30	Other intermediate consumption (=83+84+85+86+87)
83	A.IC.31	Veterinary expenses
84	A.IC.32	Maintenance of materials
85	A.IC.33	Maintenance of buildings
86	A.IC.34	Agricultural services
87	A.IC.35	Other goods and services
88	A.IC.AD	Adjustment
89	A.GV	<b>GROSS VALUE ADDED (at basic prices) (=1-74)</b>
90	A.NV.05	Fixed capital consumption
91	A.NV	<b>NET VALUE ADDED (at basic prices) (=89-90)</b>
92	A.OS.03	Compensation of employees
93	A.FI.03	Other taxes on production
94	A.FI.06	Other subsidies on production

<b>Item No</b>	<b>Item code</b>	<b>Item</b>
95	A.FI	<b>FACTOR INCOME (=91-93+94)</b>
96	A.OS	<b>OPERATING SURPLUS / MIXED INCOME (=95-92)</b>
97	A.EI.03	Rents and other real estate rental charges to be paid
98	A.EI.06	Interest paid
99	A.EI.09	Interest received
100	A.EI	<b>ENTREPRENEURIAL INCOME (=96-97-98+99)</b>
101	A.GF	<b>GROSS FIXED CAPITAL FORMATION (= 102+105+117)</b>
102	A.G1	GFCF in agricultural products (=103+104)
103	A.G1.11	GFCF in plantations
104	A.G1.12	GFCF in animals
105	A.G2	GFCF in non-agricultural products (=106+109+112)
106	A.G2.10	GFCF in materials (=107+108)
107	A.G2.11	GFCF in machines and other equipment
108	A.G2.12	GFCF in transport equipment
109	A.G2.20	GFCF in buildings (=110+111)
110	A.G2.21	GFCF in farm buildings (non-residential)
111	A.G2.22	GFCF in other works except land improvements (other buildings/structures/etc.)
112	A.G2.30	Other GFCF (=113+114+115+116)
113	A.G2.31	GFCF in intangible fixed assets (e.g. computer software)
114	A.G2.35	Addition to the value of non-financial non-produced assets
115	A.G2.36	GFCF in major land improvements
116	A.G2.37	Costs linked to the purchase of land and production rights
117	A.G2.AD	Adjustment
118	A.NF	<b>NET FIXED CAPITAL FORMATION (=101-90)</b>
119	A.CS	<b>CHANGES IN STOCKS</b>
120	A.CT	<b>CAPITAL TRANSFERS (=121+122)</b>
121	A.CT.10	Investment grants
122	A.CT.20	Other capital transfers