

BAAN IVc4 Finance - Crystal Enterprise

**Reference Guide for BAAN IVc4
Financial Statements (FST)**

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About this document

The purpose of this document is to describe the Baan IVc4 FST – Crystal Enterprise combination, how the combination works, and how you can use this newly developed solution to create reports.

Chapter 1, “Introduction,” provides a brief overview of the Baan IVc4 FST - Crystal Enterprise combination.

Chapter 2, “Baan financial statements,” describes the Baan IVc4 side of the new Baan IVc4 FST – Crystal solution. In Baan IVc4, a number of new sessions and tables have been developed.

Chapter 3, “Table specifications,” explains what data is stored in the new FST reporting tables and what calculations are performed to get the correct values in these reporting tables.

Chapter 4, “How to use Baan IVc4 FST - Crystal to make a report,” guides you through the creation of a financial statement using Baan IVc4 FST – Crystal Enterprise Solution for Baan.

Together with the new Baan IVc4 FST – Crystal solution, a number of sample reports are included. Chapter 5, “Sample reports,” tells you how the sample reports are created, what groupings and calculations are defined, and explains how to interpret the sample reports.

1 Introduction

Purpose

A new financial statements reporting solution has been developed in Baan IVc4, combining the financial statement definition and calculation capabilities of the Baan IVc4 Financial Statements (FST) module with the powerful reporting capabilities of Crystal Enterprise.

For more information about Crystal Decisions' reporting products, go to the following Web site: www.crystaldecisions.com.

NOTE

This document also covers the solution for Baan IVc4 with multi-currency extension mcr0

A Baan FST - Crystal solution is also available for:

- iBaan ERP 5.0b (solution number: 114024)
- iBaan ERP 5.0c

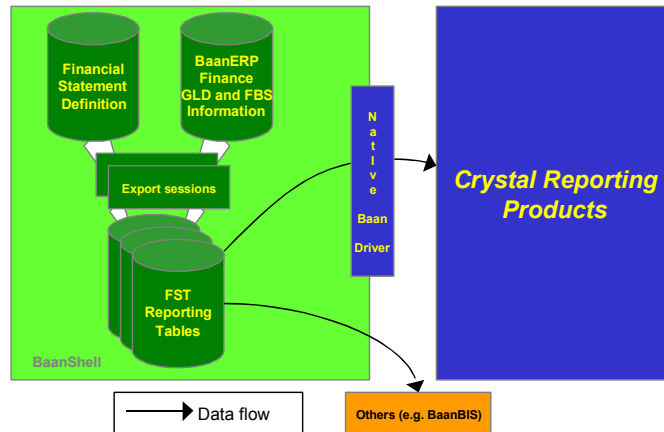
In addition to an explanation of the Baan IVc4 FST – Crystal functionality, an explanation of the sample reports is also provided. The sample reports and this reference guide are being made available with the Baan IVc4 - Crystal Enterprise solution

Architectural overview

The Baan IVc4 FST – Crystal Enterprise Solution for Baan is a solution that relies on a tight and seamless integration between the Baan IVc4 Finance functionality on one side, and the Crystal reporting capabilities on the other side. All financial logic that is required to calculate reportable values, such as periodical (income or balance sheet) balances and year-to-date figures, resides on the Baan IVc4 Finance side, while all reporting capabilities reside on the Crystal side.

The following figure depicts the structure of the Baan IVc4 FST – Crystal Enterprise Solution for Baan.

Baan IVc FST – Crystal Enterprise Solution for Baan



Definitions, acronyms, and abbreviations

Term	Description
Crystal Enterprise Solution for Baan	A combination of Crystal Decisions report tools and a native driver to Baan tables and fields. This solution is used for Baan IVc4 FST reporting. For more information about Crystal Reports and the Enterprise Solution for Baan, refer to www.crystaldecisions.com .
Dimension	An entity from the FST reporting tables by which the measures are structured and grouped, for example, statement accounts, year, budget code, and financial dimensions.
Financial Dimension	A dimension, linked to ledger accounts, as defined in the Baan IVc4 GLD dimension master.
FST	The Financial Statements (FST) module in Baan IVc4.
FST Value	A measurable item such as amount and quantity from the Financial Statement Values table. In data warehousing terminology and FST Value would be called a fact.
FBS	The Budgeting (FBS) module in Baan IVc4.
GLD	The General Ledger (GLD) module in Baan IVc4.

2 Baan financial statements

To use the Baan IVc4 FST – Crystal Enterprise Solution for Baan product to create financial statements, you must first define financial statements in the Financial Statements (FST) module and export financial values to the reporting tables. This chapter describes the process in FST. Chapter 2, Baan financial statements,” explains how to create reports from the FST reporting tables.

The process to retrieve values in the FST reporting tables consists of two main parts:

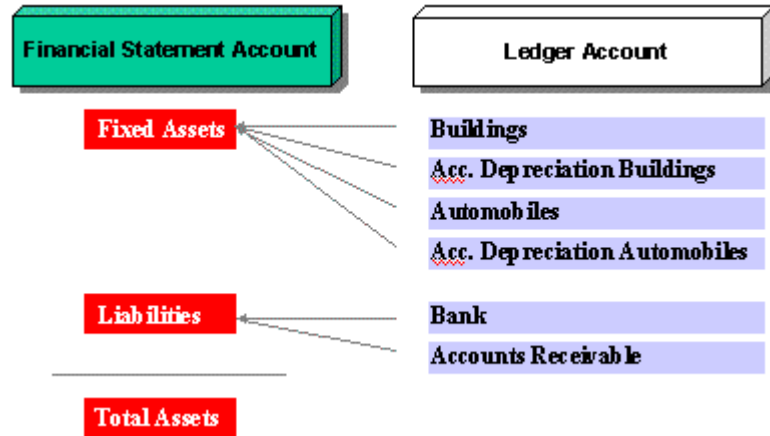
- Create financial statements and define the relations between statement accounts and ledger accounts/dimensions.
- Process financial statement information to the FST reporting tables.

NOTE

The sessions that are used to create financial statements are already available in the Baan IV software for several releases. Only the sessions to process data and structures to the FST reporting tables are new sessions.

Create financial statements

In the Financial Statements (FST) module, you can define financial statements that contain a structure of child statement accounts and parent statement accounts. At child level, the statement accounts are linked to ledger accounts and dimensions from the General Ledger (GLD) module. Multiple ranges of ledger accounts and dimensions can be linked to one statement account.



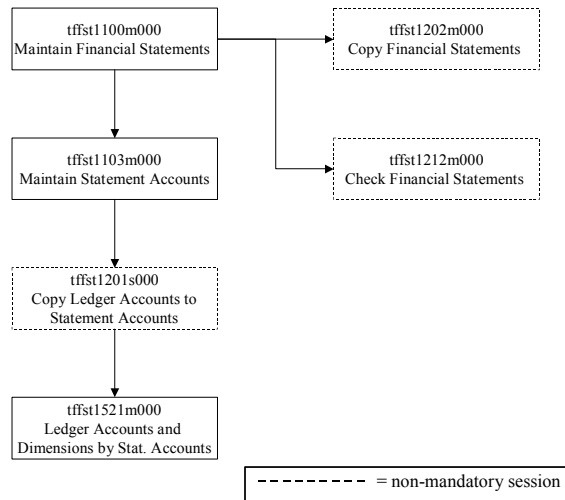
The existing ledger account or dimension structures can be used as the basis for a statement account structure. To easily set up a financial statement structure, you can simply copy the ledger account structure.

The following sessions are used to define financial statements:

- Maintain Financial Statements (tffst1100m000)
- Maintain Statement Accounts (tffst1103m000)
- Maintain Statement Ledger/Dimension Accounts (tffst1104m000)
- Copy Ledger Accounts to Statement Accounts (tffst1201s000, via tffst1103m000)
- Copy Financial Statements (tffst1202m000)
- Check Financial Statements (tffst1212m000)

The following figure provides an overview of the sessions that are used to create financial statements, and the coherence between those sessions.

Defining a Financial Statement Structure



The following sections explain each of the sessions you must use to create a financial statement.

Maintain Financial Statements (tffst1100m000)

Financial statements are user-defined account structures that represent the account structure as used in internal and external financial reporting and analysis. Financial statements are defined in the Maintain Financial Statements (tffst1100m000) session. To identify financial statement structures, codes and names are given to each of these structures.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement Master Data\Maintenance\Maintain Financial Statements (tffst1100m000)

The **Maintain Statement Accounts** option on the **Specific** menu is explained in the following section. The Maintain Statement Columns option is only valid for companies who use Safari as their report writer.

Maintain Statement Accounts (tffst1103m000)

In a financial statement, accounts are defined that represent the items that are to be reported on a financial report. For example, if you want to create a balance sheet, the balance sheet items are defined as statement accounts. Similar to the ledger account setup, the user can link statement accounts to parents to create a multilevel parent-child structure. (maximum of 99 levels) At the lowest level (0), links are defined between the statement accounts and ledger accounts / dimensions.

To start the Maintain Statement Accounts (tffst1103s000) session, retrieve the desired financial statement in the Maintain Financial Statements (tffst1100m000) session, and on the **Specific** menu, select **Maintain Statement Accounts**.

A very similar multi-occurrence (tffst1103m000) session can be reached directly from the menu. The difference with the single-occurrence session is the next group possibility. The multi-occurrence session can be accessed via:

Path: \\BAAN IV Finance\Financial Statements\Financial Statement Master Data\Maintenance\Maintain Statement Accounts (tffst1103m000)

tffst1103m000 : Maintain Statement Accounts [550]

File Edit Group Workflow Options Order Tools Special Help

Financial Statement 717472 case 717472

Statement Account 0

Account Description ** GRAND TOTAL **

Sublevel 99

Account Type Debit Value

Sign Switch No Switch

Alternate Account

Method of use Alternate Acc

Rounding Difference Account

100 Percent Account

Ratio

Parent Statement Account

Account Text No

Copy/Assign

Child Accounts

Parent Accounts

ZOOM

Maintain Statement Ledger/Dimension Accounts (tffst1104m000)

To get the correct values on the financial statements, the links between the statement accounts and the underlying ledger accounts and dimensions must be properly defined. The Maintain Statement Ledger/Dimension Accounts session enables you to link multiple ranges of ledger accounts and dimensions to statement accounts.

To start the Maintain Statement Ledger/Dimension Accounts (tffst1104s000) session, in the Maintain Statement Accounts (tffst1103s000) session, from the **Specific** menu, select **zoom** and then **Maintain Statement Ledger/Dimension Accounts**.

A multi-occurrence (tffst1104m000) session with the same name can be reached directly from the Baan IV menu. The difference with the single-occurrence session is the next group possibility. The multi-occurrence session can be accessed via:

Path: \\BAAN IV Finance\\Financial Statements\\Financial Statement Master Data\\Maintenance\\Maintain Statement Ledger/Dimension Accounts (tffst1104m000)

You can link more than one ledger account or dimension to one statement account. The Maintain Statement Ledger/Dimension Accounts session will show you all the links created. If a split occurs in sequence numbering, you can optionally correct this problem. On the **Specific** menu, click:

- Renumber Sequence Numbers
- Increase Sequence Numbers
- Decrease Sequence Numbers

The fourth option from the specific menu, Copy Ranges of Statement Accounts, can be used to copy underlying Ledger Accounts and Dimensions from a Statement Account of a Financial Statement to a Statement Account of another Statement:

Statement Account	Sq	Company	Ledger Account	LOB	ITMGRP	AREA	DPT	
Account	Fr	To	From	To	From	To	From	To
1	1	000	999	012110	042100	222222	222222	222222
1000	1	000	999	40000	79999	002	002	222222
1000	2	000	999	40000	79999	003	003	222222
1000	3	550	550	40000	79999	003	003	222222

Financial Company

In a Baan multi-site environment, you can link ledger accounts and dimensions from various financial companies to one statement account. If you are not working in a Baan multi-site environment, you can enter a range of companies in this field. However, the system will only select data from the current financial company.

Ledger Account

To link a sequential range of ledger accounts to a statement account, you can use the **From – To** selection. To link ledger accounts that are not created in a sequential range, you must create new sequence numbers to link ledger accounts to this statement account.

Dimensions 1-5

To link a sequential range of dimensions to a statement account, you can use the **From – To** selection. To link dimensions that are not created in a sequential range, you must create new sequence numbers to link dimensions to this statement account.

NOTE

If you only want to have values for ledger account, always fill in the total dimension range **From – To**. Otherwise, the system will also check values at dimension level and will not find any values. As a result, no values will be selected for the statement account.

Mask (second tab)

If specific ranges of financial companies, ledger accounts, or dimensions have been entered, you can use masks to make a smaller selection. This way of working may have a negative impact on the performance of the Baan IVc4 FST – Crystal solution.

Use masks to determine which numbers must be selected. You can define several characters.

EXAMPLE

\$: The number to be selected must end with the character that precedes the \$.

^: The selection must start with the first character.

*: The preceding character must occur one or more times.

[5-9]: The character to be selected must be a number between five and nine.

[579]: The value of the character to be selected must be five, seven, or nine.

...: Ellipses indicate the number of characters.

Copy Ledger Accounts to Statement Accounts (tffst1201s000)

As a basis for a financial statement structure, Ledger Accounts can be copied to Statement Accounts via the Copy Ledger Accounts to Statement Accounts (tffst1201s000) session. Simultaneously, you can choose to automatically define the link between the statement accounts and the ledger accounts/dimensions. The session can be started from the Maintain Statement Accounts (tffst1103m000 or tffst1103s000) session.

tffst1201s000 : Copy Ledger Accounts to Statement Accounts [550]

File Edit Group Workflow Options Order Tools Special Help

Financial Statement 717472 case 717472

Ledger Account from to ZZZZZZZZZZZZ Copy Cancel

Sublevel from 0 to 99

Accounts of specific Type Yes

Account Type Balance Sheet

Delete records before copy No

Rewrite existing records Yes

Copy Parent/Child Structure Yes

Copy to same Sublevels Yes

Add Default Ledger/Dim Accounts Yes

Company from 000 to 000

enum

Accounts of specific Type

If you select “Yes”, you can specify in the **Account Type** field that you only want to select to copy the following to the statement accounts:

- Balance sheet accounts
- Profit and loss accounts
- Intercompany accounts
- Text accounts

Delete records before copy

If you choose “Yes”, all statement accounts are deleted before the copy is carried out.

Rewrite existing records

If you select “Yes”, statement accounts that already exist are overwritten if a ledger account is copied with the same code as that of the existing statement account. If you select the **Delete records before copy** check box, the **Rewrite existing records** check box is always selected.

Copy Parent/Child structure

If you select “Yes”, the parents are filled for the statements accounts, based on the parent-child structure in the chart of accounts.

Copy to same Sublevels

In addition to the previous option, the **Copy to same Sublevels** option can be used to copy the Ledger account Hierarchy to the Financial Statement hierarchy. If “No” is selected, all Financial Statement Accounts will receive level “0”. In that case, the user will have to manually create a hierarchy

Add default Ledger/Dimension Accounts

If you select this check box, the ledger account and dimension link, which is defined in the chart of accounts, is filled for the statement accounts. If you do not select this check box, no link exists from the statement accounts to the ledger accounts and dimensions. In that case, you must define the link yourself.

Copy Financial Statements (tffst1202m000)

To create a new financial statement structure that is similar to an existing structure, you can copy the existing statement structure to a new one, while you take over all links to ledger accounts and dimensions. You can then start to modify the newly created financial statement. To modify the structure, you must create new statement accounts, change parent-child structures, or change the link to ledger accounts and dimensions.

Path: \\BAAN IV Finance\\Financial Statements\\Financial Statement Master Data\\Miscell\\Copy Financial Statements (tffst1202m000)

The Target Financial Statement can be a new statement or an existing statement. If the Target Financial Statement is an existing statement, you can select the **Rewrite existing records** check box.

Check Financial Statements (tffst1250m000)

To report correct values, the user must know whether all wanted ledger accounts are included in the links towards the statement accounts. In addition, knowing whether a ledger account has been included multiple times is also useful. The Check Financial Statement session checks this for you and reports any missing link or double link. Because there can be specific reasons to include a ledger account multiple times, or to not include a ledger account, the Check Financial Statements session only creates a report on the facts found. You are not blocked in creating such links to the ledger accounts.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement Master Data\Miscell\Check Financial Statements (tffst1212m000)

Financial Statement

Check Specific Account Type: No

Account Type

Ledger Account from: to: ZZZZZZZZZZ

Print not included ledger accounts: No

Check Cancel

alphanum / zoom

Process financial statement information

After the definition of financial statements, information can be processed to the FST reporting tables. To execute the exporting process, you must take the following two main steps:

- 1 Export financial values to an interim table and calculate all required balances such as balance sheet and income statement amount, year-to-date value, and budget values.
- 2 Process each financial statement to merge the interim values with the financial statement structures.

NOTE

The main reason to split the process into two steps is performance. In this architecture, the update from the GLD and FBS tables to the interim values table is only carried out once. After this update, the merger with the financial statement structures can be performed relatively quickly.

As a result, ledger account and dimension hierarchies can then also be exported for further selection, grouping, and filtering purposes.

To execute the described steps the following sessions are involved:

- Export Financial Values (tffst1304m000)
- Process Financial Statement Values (tffst1305m000)
- Export Financial Statement Account Structure (tffst1320m000)
This session can automatically be triggered when you run the Process Financial Statement Values (tffst1305m000) session.

The ledger account and dimension hierarchies are exported using the following sessions:

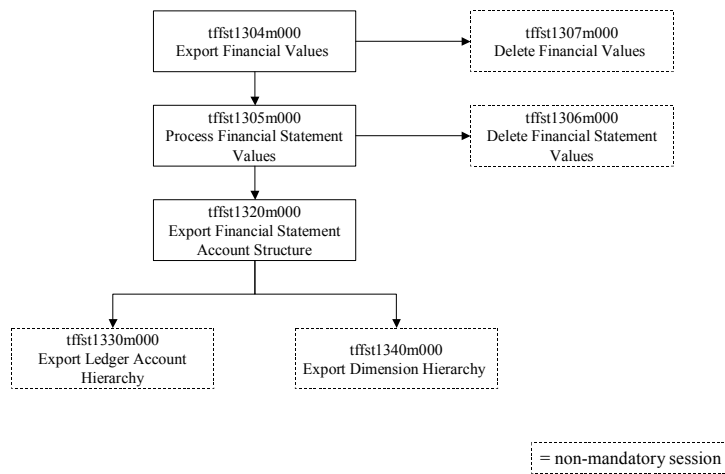
- Export Ledger Account Hierarchy (tffst1330m000)
- Export Dimension Hierarchy (tffst1340m000)

In addition, several other sessions are available for data management purposes:

- Financial Value Export Setting History (tffst1540m000)
- Delete Financial Values (tffst1307m000)
- Delete Financial Statement Values (tffst1306m000)

The following figure provides an overview of the sessions that are used to process data to the FST reporting tables and the coherence between those sessions.

Process Data to FST Reporting Tables



Actual Value Code (tffst0200m000)

Because reports can be built using actual values and budget values, Crystal Reports must know the difference between those values. In the Baan tables, budget values are distinguished by means of a budget code. All values that have no budget code are actual values. To clarify to Crystal which values from Finance are actual values, an actual value code is added to all actual values before the actual values are exported to Crystal. This actual value code must be entered in the Actual Value Code (tffst0200m000) session.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement New Reporting\Actual Value Code (tffst0200m000)

tffst0200m000 : Actual Value Code [550]

File Edit Group Workflow Options Order Tools Special Help

External Reporting

Actual Value Code ACT

Cancel

Save

first

Export Financial Values (tffst1304m000)

As the first step in filling in the FST reporting tables, run the Export Financial Values (tffst1204m000) session to fill in the Financial Values (tffst305) table.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement New Reporting\Export Financial Values (tffst1304m000)

tffst1304m000 : Export Financial Values [550]

File Edit Group Workflow Options Order Tools Special Help

Settings

Data-Source: Actual

Budget Code:

Period Type: Fiscal

Selection Range

From To

Year/Period: 0000 / 0 9999 / 99

Company: 550 550

Continue Cancel

enum

With the multi-currency extension mcr0, the form has an additional currency selection:

tffst1304m000 : Export Financial Values [915]

File Edit Group Workflow Options Order Tools Special Help

Settings

Data-Source: Actual

Budget Code:

Period Type: Fiscal

Selection Range

From To

Year/Period: 0000 / 0 9999 / 99

Company: 915 915

Currency: No HFL No USD No GBP

Continue Cancel

enum

If you run this session, the Financial Values (tffst305) table is filled in with the information components from the GLD and FBS tables, as well as calculated values. A full description of the Financial Values (tffst305) table contents is provided later in this document.

The most important information components are:

- Periodical amounts and quantities by ledger account/dimension, from the GLD History tables.
- Opening balance amounts and quantities by ledger account/dimension combination, from the GLD History table for Opening Balances.

NOTE

If a given year does not have an opening balance, the exporting logic checks whether a year-to-date value exists in the last period of the previous year, otherwise, the opening balance of a past year is taken and all balances are built up starting from that opening balance.

- Budget amounts and quantities by ledger account/dimension combination, from the FBS budgeting table.

In addition to the export, the Export Financial Values (tfst1304m000) session also performs calculations to create frequently used reporting data, for example:

- Income balances.
- Balance sheet balances.
- Year-to-date values for each period.

These calculations are made to enable you to simply grab those information components from the reporting tables rather than perform all required calculation in the report itself.

Clarification of some fields:

- Data Source. Possible values: Actual, Budget, or Both.
- Period Type. Possible values: Fiscal, Reporting. In case the data source is "Budget": Budget; no other values are possible in this case.

Combine Values and Financial Statements (tffst1305m000)

After you run the Export Financial Values (tfst1304m000) session, to start merging the exported financial values with the financial statements, you must run the Process Financial Statement Values (tffst1305m000) session.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement New Reporting\Process Financial Statement Values (tffst1305m000)

tffst1305m000 : Process Financial Statement Values [550]

File Edit Group Workflow Options Order Tools Special Help

Settings

Financial Statement

Data-Source

Period Type

Budget Code

Continue

Cancel

Selection Range

From To

Year/Period / /

Company

Options

☒ Export Financial Statement Account Structure

alphanumeric / zoom

With the multi-currency extension mcr0, the form has an additional currency selection:

If you run this session, the Financial Statement Values (tffst302) table is filled in with the financial statement definitions from the financial statement master data (tffst110 – tffst121) tables and the Financial Values (tffst305) table. If you select “Yes” in the **Export Financial Statement Account Structure** field, you can instantly export the parent-child structure of the financial statement. You only have to select this check box if you process the financial statement for the first time, or if the statement account structure has been changed since the last export.

After you run this session, assuming that you have also exported the financial statement account structure, you can start to use the Crystal reporting tables to report.

Data Source. Possible values: Actual, Budget, or Both

Period Type. Possible values: Fiscal, or Reporting. . In case the data source is “Budget”: Budget; no other values are possible in this case.

Export Financial Statement Account Structure (tffst1320m000)

If you have not used the Process Financial Statement Values (tffst1305m000) session to export the financial statement account structure, you can use the Export Financial Statement Account Structure (tffst1320m000) session to export the financial statement account structure separately. You can also run this session if the parent-child structure of a certain financial statement has changed while no values have changed. In this case, you do not have to export and process the values again. You can simply run the Export Financial Statement Account Structure session. The existing table will first be cleared, and will then be rebuilt.

Path: \\BAAN IV Finance\Financial Statements\Financial Statement New Reporting\Export Financial Statement Account Structure (tffst1320m000)

tffst1320m000 : Export Financial Statement Account Structure [550]

File Edit Group Workflow Options Order Tools Special Help

Selection

Financial Statement []

From [] To ZZZZZZZZZZZZ

Options

Delete only

Continue

Cancel

alphanum / zoom

The Export Financial Statement Account Structure (tffst1320m000) session exports the parent-child structure to the Financial Statement Account Structure (tffst310) table. The parent-child structure is flattened down and stored in 15 levels, which includes the lowest level and 14 parent levels. Because the parents can be identified with 99 levels in the FST module when creating the financial statement structure, the level identification is also stored in the Financial Statement Account Structure (tffst310) table. In this way, you can group by the same sublevel identifiers that you used when you defined the parent-child structure of the financial statement.

Export Ledger Account Hierarchy (tffst1330m000)

In addition to exporting the statement accounts and the statement accounts' parent-child relations, to export the ledger account hierarchy to the Ledger Account Hierarchy (tffst320) table, you can also run the Export Ledger Account Hierarchy (tffst1330m000) session.

tffst1330m000 : Export Ledger Account Hierarchy [550]

File Edit Group Workflow Options Order Tools Special Help

Selection Range

From To

Ledger Account [] [ZZZZZZZZZZZZ]

Company [550] [550]

Options

No [] Delete only

Continue

Cancel

alphanumeric / zoom

The ledger account hierarchy is exported in the following way: Each child ledger account from the lowest level (sublevel zero) is exported together with every parent, grandparent, great-grandparent, and so on for this ledger account. In this way, you can perform filtering and grouping on parent ledger accounts from any parent level. However, you cannot use the Ledger Account Hierarchy (tffst320) table as the basis for a full drill-down tree. Only the financial statement account structure is intended as a basis for the drill-down tree, because the Financial Statement Account Structure (tffst310) table contains a flatten-down parent-child statement account structure. To use the ledger account parent-child structures as a drill-down tree, you should copy it into a financial statement and export that financial statement to the FST reporting tables.

In addition to exporting the statement accounts and their parent-child relations, you can run the Export Dimension Hierarchy (tffst1340m000) session to export one or more dimension hierarchies to one of the following tables:

- Dimension Hierarchy 1 (tffst331)
- Dimension Hierarchy 2 (tffst332)
- Dimension Hierarchy 3 (tffst333)
- Dimension Hierarchy 4 (tffst334)
- Dimension Hierarchy 5 (tffst335)

Path: \\BAAN IV Finance\Financial Statements\Financial Statement New Reporting\Export Dimension Hierarchy (tffst1340m000)

	From	To
Line of Business		ZZZZZZ
Item Group		ZZZZZZ
Area		ZZZZZZ
Department		ZZZZZZ
Miscellaneous		ZZZZZZ
Company	550	550

Options: ☐ Delete only

alphanum / zoom

The existing table will first be cleared, and will then be rebuilt.

A dimension hierarchy is exported in the following way: Each child ledger account from the lowest level (sublevel zero) is exported together with every parent, grandparent, great-grandparent, and so on for this dimension. In this way, the user can perform filtering and grouping on parent dimensions from any parent level. However, you cannot use the Dimension Hierarchy (tffst331 – tffst335) tables as the basis for a full drill-down tree. Only the financial statement account structure is intended as a basis for a full drill-down tree, because the Financial Statement Account Structure (tffst310) table contains a flatten-down parent-child statement account structure. To use one of the dimension parent-child structures as a drill-down tree, you must copy the parent-child structures to a financial statement, and export that financial statement to the FST reporting tables.

Data Management Sessions

Delete Financial Values (tffst1307m000)

The Export Financial Values (tffst1304m000) session fills in the Interim Financial Values (tffst305) table. For database management and data cleaning reasons, you can use the Delete Financial Values (tffst1307m000) session to delete records in this table. You can make selections based on the following:

- Data source type.
- Period type.
- Budget or actual code.
- Year.
- Period.
- Company.
- Currency (in case multi-currency extension is used)

Delete Financial Statement Values (tffst1306m000)

The Process Financial Statement Values (tffst1305m000) session fills in the Financial Statement Values (tffst302) table. For database management and data cleaning purposes, you can use the Delete Financial Statement Values (tffst1306m000) session to clear this table. You can make selections based on the following:

- Data source type.
- Period type.
- Financial statement.
- Budget or actual code.
- Year.
- Period.
- Company.
- Currency (in case multi-currency extension is used)

Financial Value Export Setting History (tffst1540m000)

To keep track of all financial value exports that have been executed, information around the export selections and settings is kept in the Financial Value Export History (tffst340) table, which is filled in when you run the Financial Value Export Setting History (tffst1540m000) session. This history table stores various information categories such as user ID, selection information, run duration, and an indication whether or not the export was executed successfully. To apply the information from this history table in the financial reports, you can join the information with the Financial Statement Values (tffst302) table, based on run number.

Additional remarks

Table boosters

The main sessions for exporting and processing data in FST are enabled for using table boosters. The table boosters load tables in the memory, which increases the performance at the cost of using more memory. After you run a process containing table boosters, the process will be available in the Maintain Table Boosters (tcmcs0198m000) session, and can be turned on. For best results, you must use the incremental load option.

User	Name	Table Name	Load Option	Max No of Rows	Booster Valid
		tltm004	Incremental	999999999	Not Active

Place of account description field and dimension description fields in the Financial Statement Values (tffst302) table

If you start to report from the Financial Statement Values (tffst302) table, you will find that the statement account codes, ledger account codes, and dimension codes are not positioned directly next to the descriptions of those accounts. This is a compromise to meet technical requirements for table indexes.

Actual or Budget Value Code (tffst302.budg) field

In the Financial Statement Parameters (tffst0100s000) session, you must enter an actual value code. This actual value code is the identifier for the exported actual values from the GLD module to segregate those values from the budget values. In the Financial Statement Values (tffst302) table, this code is stored in the same field as used for the budget ID, in other words, the **tffst302.budg** field. If you use this **tffst302.budg** field in the report, the various budget values and the actual values can be distinguished from each other. When you create the financial reports, you must know the code that is used for actual values.

Period Type (tffst302.ptyp) field

When you export financial statement values to the Financial Statement Values (**tffst302**) table, you can export the actual values with period type Fiscal or Reporting. However, the Period Type (**tffst302.ptyp**) field can also have the value Budget, because budget periods are not necessarily equal to fiscal or reporting periods. Therefore, you must make sure not to accidentally exclude the Budget period type if you want to include budget values in your report. So, if you want to select, for example, the Fiscal reporting type in your report, and you also want to include budget values in your report, you must make sure that you also include the Budget period type in your selection.

3 Table specifications

This chapter provides a detailed description of all FST reporting tables. The purpose of these descriptions is to give you a more detailed understanding of the meaning of the fields and these descriptions to find out what the data elements are you want to include in your report.

Financial Statement Values (tffst302)

This table contains the financial statement values, data at the most detailed level. The following table provides a description of the fields, which are displayed in the Financial Statement Values (tffst302) table:

Field Code	Description	Explanation/Calculation
Ptyp	Period Type	Can have 3 values: - Fiscal - Reporting - Budget Note: If you use the Crystal reporting products to create reports, Crystal also shows the string values (descriptions) next to the enumerated values, that is 1, 2, 3.
Fstm	Financial statement	The financial statement code as defined in the FST master data. Same as tffst120.fstm.
Iv00	Statement account level 0	Lowest level statement account. This statement account is linked to ledger accounts and dimensions in the master table tffst121.
I00d	Statement account description	Description from tffst120.desc
Fcom	Company	Company number of the financial company that is related to the record. One financial statement can contain financial values from multiple financial companies.
Year	Year	Year
Perd	Period	Period

Table specifications

Budg	Budget or actual code	This code identifies whether the record contains an actual value or a budget value. For an actual value, the code from the FST parameters is used. For a budget value, the code from the involved budget is used. In this way, actual and multiple budgets can be exported next to each other.
Leac	Ledger account	Ledger account from tfgld008.leac
Ldes	Ledger account description	Ledger account description from tfgld008.desc
Dim1	Dimension 1	Dimension code from tfgld010.dimc
d1dc	Dimension 1 description	Dimension description from tfgld010.desc
Dim2	Dimension 2	Dimension code from tfgld010.dimc
d2dc	Dimension 2 description	Dimension description from tfgld010.desc
Dim3	Dimension 3	Dimension code from tfgld010.dimc
d3dc	Dimension 3 description	Dimension description from tfgld010.desc
Dim4	Dimension 4	Dimension code from tfgld010.dimc
d4dc	Dimension 4 description	Dimension description from tfgld010.desc
Dim5	Dimension 5	Dimension code from tfgld010.dimc
d5dc	Dimension 5 description	Dimension description from tfgld010.desc
Hcur	Home currency code	This field identifies the home currency of the exported values.
Fdah	Finalized debit	Finalized debit value.
Fdyd	Finalized debit year-to-date	Finalized debit from opening balance + finalized debit values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Fcah	Finalized credit	Finalized credit value
Fcyd	Finalized credit year-to-date	Finalized credit from opening balance + finalized credit values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Ndah	Non-finalized debit	Non-finalized debit value.

Ndyd	Non-finalized debit year-to-date	Non-finalized debit from opening balance + non-finalized debit values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Ncah	Non-finalized credit	Non-finalized credit value.
Ncyd	Non-finalized credit year-to-date	Non-finalized credit from opening balance + non-finalized credit values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Finh	Finalized income amount	Finalized credit – finalized debit
Fiyd	Finalized income amount, year-to-date	Finalized credit year-to-date (fcyd) – finalized debit year-to-date (fdyd)
Ninh	Income statement amount, including non-finalized	(finalized credit + non-finalized credit) – (finalized debit + non-finalized debit)
Niyd	Income statement amount, including non-finalized, year-to-date	(Finalized credit year-to-date (fcyd) + non-finalized credit year-to-date (ncyd)) – (finalized debit year-to-date (fdyd) + non-finalized debit year-to-date (ndyd))
Fbah	Finalized balance sheet amount	Finalized debit – finalized credit
Fbyd	Finalized balance sheet amount in , year-to-date	Opening balance. Finalized debit year-to-date (fdyd) – Finalized credit year-to-date (fcyd)
Nbah	Balance sheet amount, including finalized and non-finalized values	(finalized debit + non-finalized debit) – (finalized credit + non-finalized credit)
Nbyd	Balance sheet amount, including finalized and non-finalized values, year-to-date	(Finalized debit year-to-date (fdyd) + non-finalized debit year-to-date (ndyd)) – (finalized credit year-to-date (fcyd) + non-finalized credit year-to-date (ncyd))
nqt1	Non-finalized quantity 1	Two quantities can be stored when posting values to ledger accounts and dimensions. This field contains the non-finalized value of the first quantity.

Table specifications

Nqy1	Non-finalized quantity 1 year-to-date	Non-finalized quantity 1 from opening balance + non-finalized quantity 1 values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Nqt2	Non-finalized quantity 2	Two quantities can be stored when posting values to ledger accounts and dimensions. This field contains the non-finalized value of the second quantity.
Nqy2	Non-finalized quantity 2 year-to-date	Non-finalized quantity 2 from opening balance + non-finalized quantity 2 values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Fqt1	Finalized quantity 1	Two quantities can be stored when posting values to ledger accounts and dimensions. This field contains the finalized value of the first quantity.
Fqy1	Finalized quantity 1 year-to-date	Finalized quantity 1 from opening balance + finalized quantity 1 values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Fqt2	Finalized quantity 2	Two quantities can be stored when posting values to ledger accounts and dimensions. This field contains the finalized value of the second quantity.
Fqy2	Finalized quantity 2 year-to-date	Finalized quantity 2 from opening balance + finalized quantity 2 values until and including current period. Opening balance is only included for balance sheet account values. The opening balance values are either calculated from the tfgld206 table (if present) or from the year-to-date value in the last period of the previous year.
Tqt1	Balance for quantity 1, including finalized and non-finalized values	Non-finalized quantity 1 (nqt1) + finalized quantity 1 (fqt1)

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tqy1	Year-to-date balance for quantity 1, including finalized and non-finalized values	Non-finalized quantity 1, year to date (nqy1) + finalized quantity, year to date (fqy1)
tqt2	Balance for quantity 2, including finalized and non-finalized values	Non-finalized quantity 2 (nqt2) + finalized quantity 2 (fqt2)
tqy2	Year-to-date balance for quantity 2, including finalized and non-finalized values	Non-finalized quantity 2, year to date (nqy2) + finalized quantity, year to date (fqy2)
Runn	Run number	The run number that is stored in the Financial statement history table.
Uslr	User	User who performed the last export for this statement
Date	Date	Date when the last export was run for this statement
Time	Time	Time when the last export was run for this statement
Yrfr	Year from	Year From coming from the exporting selection
Yrto	Year to	Year To coming from the exporting selection
Prfr	Period from	Period From coming from the exporting selection. Period 0 is used for opening balances.
Prto	Period to	Period To coming from the exporting selection. Period 0 is used for opening balances.

Financial Statement Account Structure (tffst310)

Comp	Company number	Company number in which the financial statement is defined.
Fstm	Financial Statement	Financial statement code.
Ld00	Statement account description	Description from tffst120.desc
Iv01	Statement account level 01	Parent statement account. This field is filled in if the previous level statement account has a parent, otherwise, the field is left empty.
Ld01	Statement account description	Description from tffst120.desc

Table specifications

li01	Level identification	Sublevel number from tffst120.subl. This sublevel identifier field can be used to report based on the user-given sublevels from the financial statement hierarchy. Often, users mark the parent sublevels like 5 for the first parent level, 10 for the second, 15 for the third, 20 for the fourth, and so on. In this case, the fourth parent level has "20" as level identifier. If you want to use the sublevel identifiers for grouping and filtering purposes, you need to use this field.
lv02	Statement account level 02	Parent statement account. Is filled if previous level statement account has a parent, else it is left empty.
Ld02	Statement account description	Description from tffst120.desc
...	...	...
...	...	...
lv14	Statement account level 15	Parent statement account. This field is filled in if the previous level statement account has a parent, otherwise, the field is left empty.

Ledger Account Hierarchy (tffst320)

Comp	Company	The company the ledger originated.
Leac	Ledger Account	Ledger account code from tfgld008.leac. This field is only filled in with sublevel 0 (zero) ledger accounts.
Plac	Parent ledger account	Parent ledger account. This field is filled in with all parents, grandparents, great-grandparents, and so on of the lowest level ledger accounts, until and including the top parent. You can use this field to print a financial statement for a certain parent ledger account.
Desc	Description of parent ledger account	Description of account from tfgld008.desc
Psub	Sublevel of parent ledger account	Sublevel of account from tfgld008.subl

Dimension Hierarchy dimension 1 (tffst331), dimension 2 (tffst332), dimension 3 (tffst333), dimension 4 (tffst334), dimension 5 (tffst335)

Comp	Company	The company the dimension came from.
dim1	Dimension	Dimension code from tfgld010. This field is only filled in with sublevel 0 (zero) dimensions.
Pdim	Parent dimension	Parent dimension. This field is filled in with all parents, grandparents, great-grandparents, and so on of the lowest level dimensions, until and including the top parent. You can use this field to print a financial statement for a certain parent dimension.
Desc	Description of parent dimension	Description of dimension from tfgld010.desc
Psub	Sublevel of parent ledger account	Sublevel of parent account from tfgld008.subl

4 To use BAAN IVc4 FST – Crystal to make a report

Prerequisites

Before you make a report, you must make sure that you have completed the following steps:

- 1 Install the required Crystal products, including the correct driver to Baan.
- 2 Create one or more financial statements in the Finance FST module.
- 3 Update the reporting tables in the Finance FST module.

NOTE

If you want to create a report along the (adjusted) ledger account structure, make sure that you have copied the ledger accounts to statement accounts, and perhaps modified this structure. To create a report along one of the (adjusted) dimension structures, make sure that you have copied one of the dimension structures to statement accounts, and perhaps modified this structure.

Basic financial reports

After you log on to the Baan IVc4 tables from Crystal, to create a basic financial report, you must select the following two Baan IVc4 tables:

- Financial Statement Values.
- Financial Statement Account Structure.

The Financial Statement Values table contains home currency values at the lowest level only. By joining this table with the Financial Statement Account Structure table, you can make reports that sum up the values along the financial statement hierarchy structure.

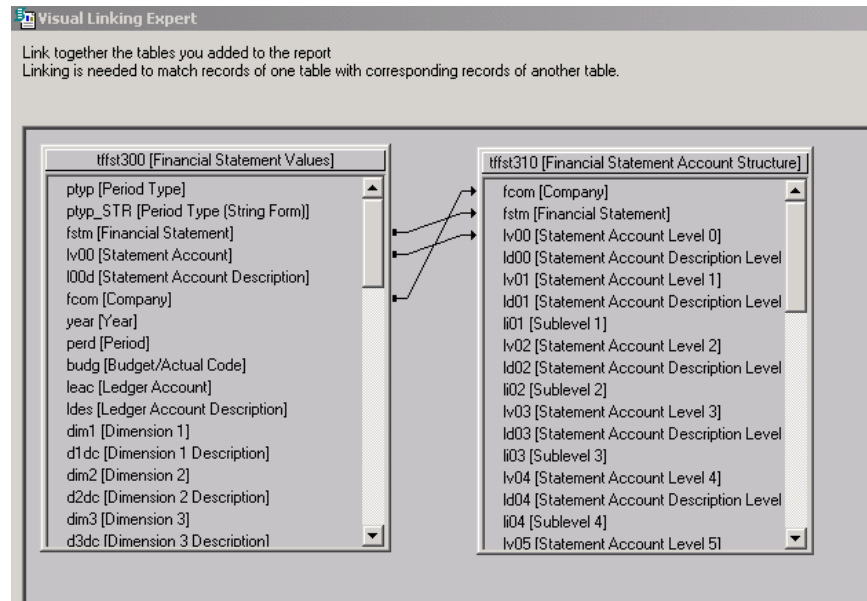
After you select the tffst302 and tffst310 tables, you can define the required join based on the following fields:

- Tffst302.fcom Financial Company --> tffst310.fcom Financial Company
- Tffst302.fstm Financial Statement --> tffst310.fstm Financial Statement
- Tffst302.lvl0 Statement Account --> tffst310.lvl0 Statement Account

NOTE

The starting point for the join is tffst302, so you define a left outer join from this table to tffst310.

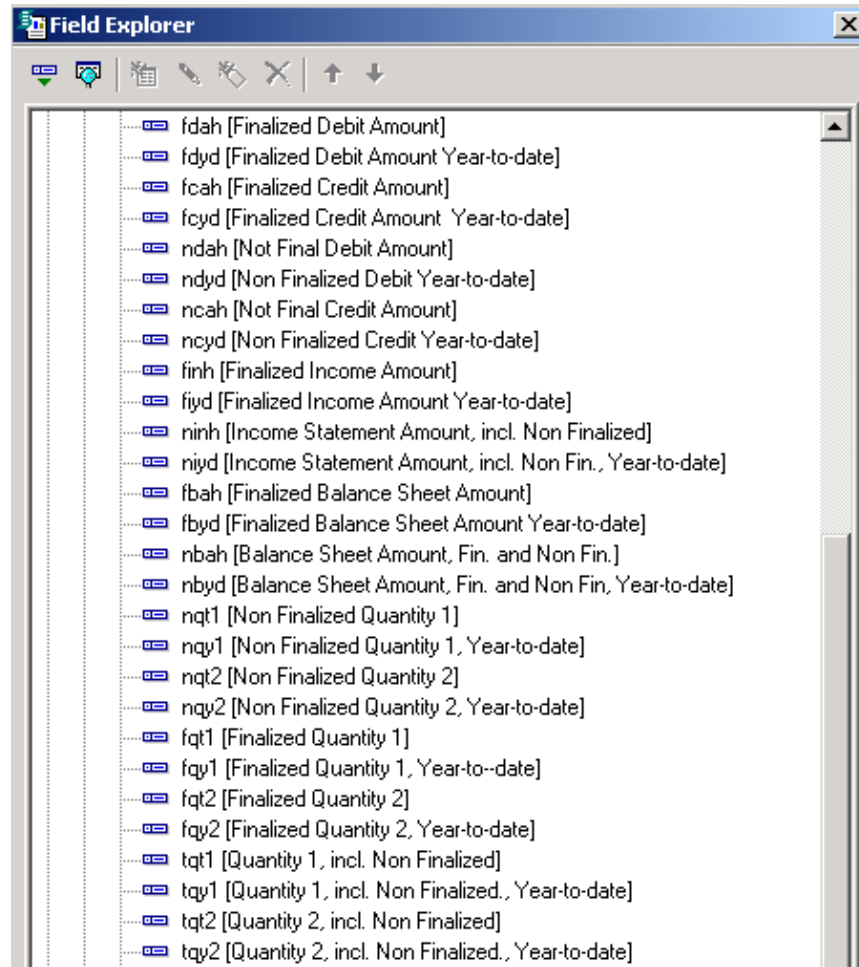
The join appears as follows:



After you create the join, you can start to place values in the detailed section, define groupings, and create the required sums.

Values

Depending on the desired outcome of the report, you can place one or more of the following fields from tffst302 in the Detailed section:



For a more detailed description of the contents of the fields, and the way the fields were calculated, refer to Chapter 2, “Baan financial statements.”

Grouping

Usually, you will want to group your report by parent statement accounts. In the Financial Statement Account Structure table, you can find 15 different levels by which you can group. These 15 levels represent the various levels you have defined in the financial statement definition.

NOTE You might have defined the various parent-child levels with some space in between, for example, 5, 10, 15, 20, and so on. Note that these levels have been flattened down when the levels were exported to the Financial Statement Account Structure table. As a result, you can group the various parent levels by lv00, lv01, lv02, and so on. However, to be able to also show the level identifications, as defined in the financial statement definition, such as 5, 10, 15, 20, and so on, sublevel identifiers are present in the Financial Statement Account Structure table, using the following field codes: li01, li02, li03, li04, and so on.

EXAMPLE Assume you have defined a parent-child structure in the Baan IVc4 FST module with five levels and that you have identified the various levels in the following way:

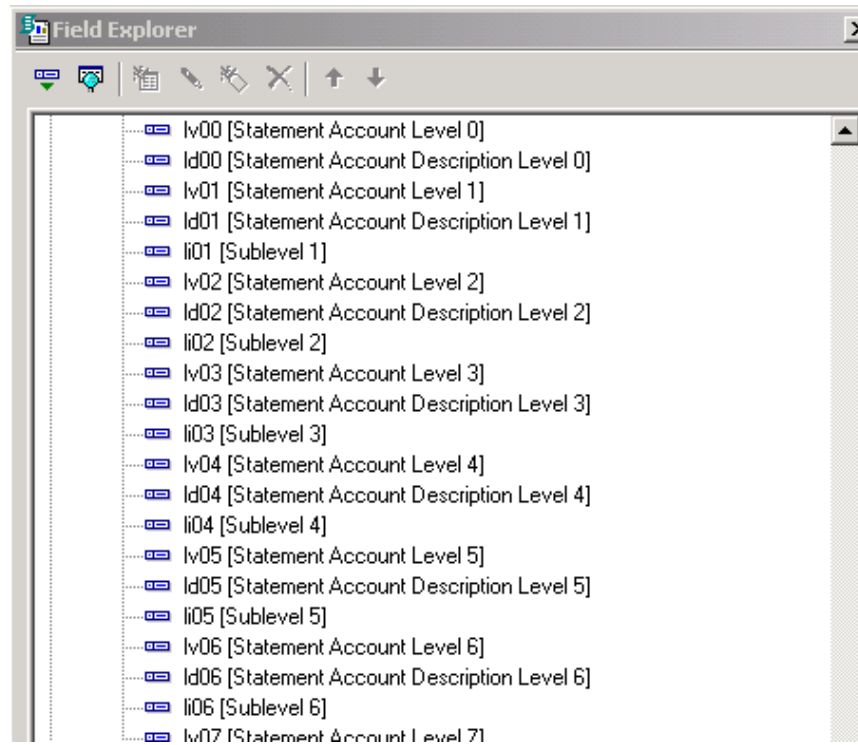
Child account:	Sublevel 0
1 st parent:	Sublevel 5
2 nd parent:	Sublevel 10
3 rd parent:	Sublevel 15
4 th parent:	Sublevel 20

In the Financial Statement Account Structure table, this will be represented as follows (in addition to descriptions and so on):

Lv00	: Child account code
Lv01	: 1 st parent code
Li01	: 5
Lv02	: 2 nd parent code
Li02	: 10
Lv03	: 3 rd parent code
Li03	: 15
Lv04	: 4 th parent code
Li04	: 20

Usually, grouping is carried out from the highest to the lowest level. For the first group, you choose the highest parent level you want to see in your report. Then, you continue grouping by lower level parent accounts, and ultimately you group by the lowest level child account. Of course, the descriptions of the various parents, such as ld01, ld02, ld03, and so on, can also perform grouping.

In summary, you can perform grouping on the following fields (not all fields are shown in this figure):



After the user performs the correct groupings, and selects the correct values, the user can place the sum fields in either the group headers or footers.

To select and filter

To prevent double-counts and incorrect values displayed, you must use the Select Expert to set the correct selections. The following fields are important to consider for selection purposes:

Tffst302.ptyp Period Type or Tffst302.ptyp_STRING Period Type (String Form):

This field tells what period type the record belongs to. This field can contain any of the three following values:

- 1 (Fiscal).
- 2 (Reporting).
- 3 (Budget).

The reason for having three period types is that the General Ledger (GLD) module supports two period types, Fiscal and Reporting, while the Budgeting (FBS) module supports budgeting periods that can differ from the Fiscal and Reporting periods.

If you have exported both Fiscal and Reporting period type values, make sure that you exclude one of the two from specific reports to prevent double counts. To report Fiscal and Reporting period type values next to each other for comparison purposes, you must make an alias of the Financial Statement Values table.

tffst302.fstm Financial Statement

Select the financial statement that you want to use as the basis for the report. The various levels that are defined for this financial statement can perform grouping.

tffst302.fcom Financial Company

Select the financial company from which you want to report. To create a consolidated view across multiple companies, those companies must be selected in the report. To create reports for various companies next to each other, aliases of the Financial Statement Values table are required for each financial company.

tffst302.year Year and tffst302.perd Period

The user must select the correct year and period range. In addition, the user must verify whether both the budget amounts, as well as the actual amounts, are updated for this year and period combination.

tffst302.budg Budget/Actual code

If you select the correct budget code and code for actual values, you can make sure that the correct values are shown in the various reports. The budget code is defined in the master data of the exported budgets, while the code for actual data is provided in the Baan IVc4 FST Parameters session. Actually, the same value fields are used for both budget and actual values, so the Budget/Actual Code field is the discriminator between these two. To display the actual and budget values next to each other for comparison purposes, you must make an alias by which each alias represents either the actual values or the values of one of the involved budgets.

tffst302.hcur Home Currency

If the multi-currency extension (mcr0) is implemented, you can export multiple home currencies to the reporting tables. If you have indeed exported multiple home currencies to the reporting tables, then you must include the Home Currency code into your selection to prevent that the values of the various currencies becoming mixed up in your report. If you want to show the various home currencies next to each other, you must create an alias for each of these home currencies.

Advanced financial reports

In addition to making reports, using the financial statement structure as defined in the Financial Statements (FST) module, you can also extend the analyzing possibilities by adding ledger accounts and/or dimension hierarchies.

The main purpose for adding ledger accounts and dimension hierarchies is to more easily determine the data scope when running the report. For example, if you have defined a financial statement that reflects the (adjusted) chart of accounts, then you can report the statement account values for the selected parent dimensions that represent, for example, a group of departments, projects, products, and business areas in the organization.

NOTE

The additional ledger account and dimension hierarchy tables are intended to provide better selection possibilities at higher levels. If you want to select ledger accounts and dimensions at sublevel zero, you can simply use the ledger account and dimensions codes from the Financial Statement Values (tffst305) table. No additional hierarchy tables are required.

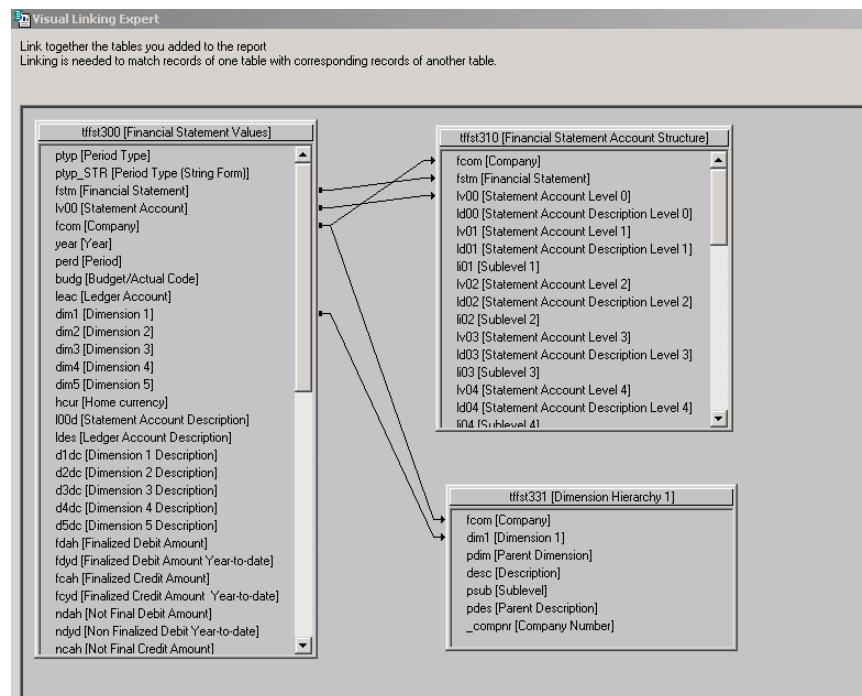
You can use (one of) the following tables for additional selections by ledger account or dimension:

- Ledger Account Hierarchy (tffst305)
- Dimension Hierarchy 1 (tffst331)
- Dimension Hierarchy 2 (tffst332)
- Dimension Hierarchy 3 (tffst333)
- Dimension Hierarchy 4 (tffst334)
- Dimension Hierarchy 5 (tffst335)

To use dimensions for additional filtering

To report values for a specific parent dimensions or a range of parent dimensions, you must use the following fields to join the Financial Statement Values (tffst302) table to the Dimension Hierarchy (tffst331/332/333/334/335) table. (In the example, only table tffst331 is mentioned, but the same is also valid for the other dimension hierarchy tables:

- Tffst302.fcom → tffst331.fcom.
- Tffst302.dim1 → tffst331.dim1.



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After you join the tables, you can use the Parent Dimension tffst331.pdim field or the Parent Description tffst331.pdes field to make selections.

NOTE

If you choose a certain parent dimension, all lowest level dimensions that are directly or indirectly linked to this parent are selected. If you want to create a report along the hierarchical dimension structure, you must create another financial statement definition in the Financial Statements (FST) module that represents the (adjusted) dimension structure.

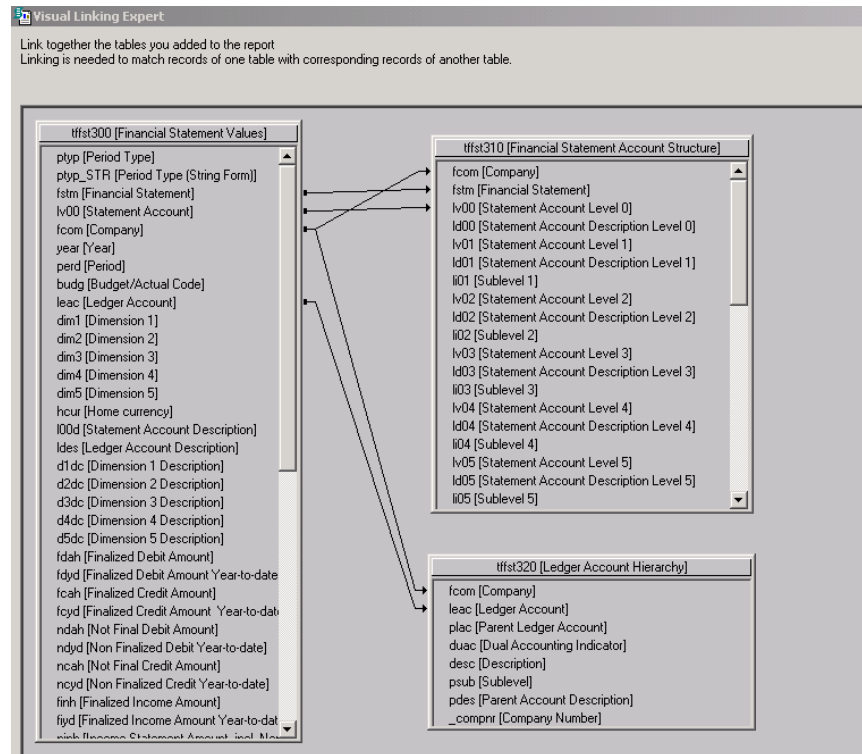
To use the sublevel field

To create reports for a certain level in the dimension hierarchy, for example, a P&L for a certain level in the organization, you can use the sublevel field as a selection criterion. For example, if an organization consists of four levels, and you want to create a P&L for all department managers of level three, then you can group by the Parent Dimension tffst331.pdim field while you filter for level three on the Sublevel tffst331.psub field.

To use ledger accounts for additional filtering

To report values for a specific parent ledger accounts or a range of parent ledger accounts, you must use the following fields to join the tffst302 Financial Statement Values table to the tffst320 Ledger Account Hierarchy table:

- Tffst302.fcom → tffst320.fcom
- Tffst302.leac → tffst320.leac



After you join the tables, you can use the Parent Ledger Account tffst320.leac field or the Parent Description tffst320.pdes field to make selections.

NOTE

When you choose a certain parent ledger account, all lowest level ledger accounts that are directly or indirectly linked to this parent are selected. If you want to create a report along the hierarchical ledger account structure, you must create another financial statement definition in the Financial Statements module that represents the (adjusted) ledger account structure.

To use the sublevel field

To create reports for a certain level in the ledger account hierarchy, for example, a product-wise overview for a certain ledger account level, you can use the sublevel field as a selection criterion. For example, if a ledger account schema consists of four levels, and you want to create a product-wise overview for all level three cost ledger accounts, then you can group by the Parent Ledger Account tffst320.plac field while you filter for level three on the Sublevel tffst320.psub field.

5 Sample reports

Introduction to sample reports

Together with the shipment of the Baan IVc4 FST – Crystal solution, some sample reports are included to demonstrate the possibilities of this solution and to get you started. This chapter explains the data that is used for the sample reports and provides an explanation on how the sample reports have been built.

Attachment of sample reports

The sample reports are included in the sample reports Zip file on the Documentation CD-ROM:

The following sample reports are included:

- Balancesheet.rpt.
- CostsandRevenuesbyDepartment&Area.rpt
- CrossTabbyStatementAccount.rpt
- IncomeStatement.rpt.
- IncomeStatement_drilldown.rpt.
- IncomeStatement_exceptions.rpt.
- IncomeStatementbyDepartm&Area.rpt.
- IncomeStatementbyDepartment_byDepCategory.rpt.
- Realrollingincomebest.rpt.
- Realrollingincomebestwitharea.rpt.
- Ratios.rpt.
- Template.rpt.

Sample data

The data that is used for the creation of the sample reports belong to a fictional company called OnWheels Inc. This company produces and sells three types of wheeled vehicles:

- Cars.
- Motorbikes.
- Bicycles.

In addition, OnWheels sells products in four different sales regions:

- North.
- East.
- South.
- West.

The sample data contains both P&L related information and balance-sheet related information. OnWheels has both actual and budget periodical values, and also a beginning balance is available. The following sections show the accounts, dimensions, and values that are used in the example.

NOTE

With the multi-currency extension it is possible to distinguish statutory and complementary ledger accounts. If both types are used, users can apply different (valuation) rules when reporting

Actual data

Assets					
Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C0110 Cars			500,000		
C0120 Machines			600,000		
C0130 Buildings			1,000,000		
	C0100 Fixed Assets		2,100,000		
C0210 Cash			50,000		
C0220 Inventory			150,000		
C0230 Accounts Receivable			75,000		
C0240 Other Assets			25,000		
	C0200 Current Assets		300,000		
		C0000 Assets	2,400,000		
Liabilities					
Subl. 0	Subl. 5	Subl. 10	Amount	Cost Center	Sales Region
C1110 Bank Loans			100,000		
C1120 Mortgage			400,000		
C1130 Other Loans			50,000		
	C1100 Long Term Liabilities		550,000		

Sample reports

C1210 Accounts Payable			60,000		
C1220 Amounts to be paid			40,000		
	C1200 Short Term Liabilities		100,000		
		C1000 Liabilities	650,000		

Revenues

Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C8110 Sales Cars			15,000	Sales	East: 3,000
					North: 6,000
					South: 2,000
					West: 4,000
C8120 Sales Motorbikes			18,000	Sales	East: 6,000
					North: 8,000
					South: 2,000
					West: 2,000
	C8100 Sales Motors		33,000		

C8210 Sales Cycles			13,000	Sales	East: 2,000
					North: 3,000
					South: 7,000
					West: 1,000
	C8200 Sales Cycles		13,000		
		C8000 Sales	46,000		

Expenses

Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C4110 Depreciation Cars			2,000	Purcha: 100	
				Produc: 300	
				Sales: 800	
				Financ: 200	
				Manage: 600	
C4120 Depreciation Machines			2,000	Purcha: 200	
				Produc: 1,600	
				Sales: 100	
				Financ: 100	
				Manage: 0	

Sample reports

C4130 Depreciation Buildings			4,000	Purcha: 500	
				Produc: 2,500	
				Sales: 400	
				Financ: 300	
				Manage: 300	
	C4100 Depreciation		8,000		
C4210 Sales Costs			8,000	Sales: 8,000	East: 2,000
					North: 1,000
					South: 4,000
					West: 1,000
	C4200 Cost of Goods Sold		8,000		
	C9420 Com Cost of Goods Sold		8,000		
C4310 Wages			5,000	Purcha: 900	
				Produc: 700	
				Sales: 1,400	
				Financ: 500	
				Manage: 1,500	

C4320 Travel Expenses			3,000	Purcha: 400	
				Produc: 0	
				Sales: 1,800	
				Financ: 300	
				Manage: 500	
	C4300 Staff Costs				
		C4000 Costs	24,000		

Budget data

Budget code: CRD					
Revenues					
Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C8110 Sales Cars			10,000		East: 4,000
					North: 3,000
					South: 2,000
					West: 1,000
C8120 Sales Motorbikes			14,000		East: 5,000
					North: 7,000
					South: 1,000
					West: 1,000
	C8100 Sales Motors		24,000		
C8210 Sales Cycles			12,000		East: 2,000
					North: 8,000
					South: 0,000
					West: 2,000
	C8200 Sales Cycles		12,000		
		C8000 Sales	36,000		

Expenses					
Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C4110 Depreciation Cars			1,000	Purcha: 200	
				Produc: 200	
				Sales: 200	
				Financ: 200	
				Manage: 200	
C4120 Depreciation Machines			2,500	Purcha: 300	
				Produc: 1,500	
				Sales: 500	
				Financ: 200	
				Manage: 0	
C4130 Depreciation Buildings			5,000	Purcha: 700	
				Produc: 3,000	
				Sales: 700	
				Financ: 300	
				Manage: 300	
	C4100 Depreciation		8,500		
	C9410 Com Depreciation		8,500		

Sample reports

C4210 Sales Costs			10,000	Sales: 10,000	East: 5,000
					North: 2,000
					South: 2,000
					West: 1,000
	C4200 Cost of Goods Sold		10,000		
C4310 Wages			9,000	Purcha: 4000	
				Produc: 1000	
				Sales: 2000	
				Financ: 1000	
				Manage: 1000	
C4320 Travel Expenses			1,000	Purcha: 200	
				Produc: 0	
				Sales: 400	
				Financ: 200	
				Manage: 200	
	C4300 Staff Costs				
		C4000 Costs	28,500		

Opening balance data

Assets					
Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C0110 Cars			200,000		
C0120 Machines			300,000		
C0130 Buildings			3,000,000		
	C0100 Fixed Assets		3,500,000		
C0210 Cash			150,000		
C0220 Inventory			250,000		
C0230 Accounts Receivable			400,000		
C0240 Other Assets			500,000		
	C0200 Current Assets		1,300,000		
		C0000 Assets	4,800,000		
Liabilities					
Subl. 0	Subl. 5	Subl. 10	Amount	Dim. 1: Cost Center	Dim. 4: Sales Region
C1110 Bank Loans			200,000		
C1120 Mortgage			650,000		

Sample reports

C1130 Other Loans			150,000		
	C1100 Long Term Liabilities		1,000,000		
C1210 Accounts Payable			90,000		
C1220 Amounts to be paid			60,000		
	C1200 Short Term Liabilities		150,000		
		C1000 Liabilities	1,150,000		
Company's Capital					
C3110 Equity			3,650,000		
	C3100 Equity		3,650,000		
		C3000 Equity	3,650,000		

Explanation sample reports

The following sections provide descriptions on each sample report.

Balance sheet with ratios (balancesheet.rpt with Ratios.rpt)

 									
Balance Sheet with Ratios OnWheels Inc. for the period ended March 31, 2001									
<table border="1"> <thead> <tr> <th colspan="2">Ratio</th></tr> </thead> <tbody> <tr> <td>Current ratio</td><td>3.44</td></tr> <tr> <td>Net working capital</td><td>\$7,280,000</td></tr> <tr> <td>Liquidity</td><td>0.28</td></tr> </tbody> </table>		Ratio		Current ratio	3.44	Net working capital	\$7,280,000	Liquidity	0.28
Ratio									
Current ratio	3.44								
Net working capital	\$7,280,000								
Liquidity	0.28								
<u>Accounts</u>	<u>Amounts in US\$</u>								
Assets									
Cash	1,700,000.00								
Receivables	2,100,000.00								
Inventory	600,000.00								
Fixed Assets	8,300,000.00								
Cash	600,000.00								
Inventory	600,000.00								
Accounts Receivable	600,000.00								
Other Assets	600,000.00								
Current Assets	2,000,000.00								
Total Assets	11,300,000.00								
Liabilities									
Bank Loans	600,000.00								
Mortgage	1,800,000.00								
Other Loans	600,000.00								
Long Term Liabilities	2,800,000.00								
Accounts Payable	270,000.00								
Other Liabilities	180,000.00								
Short Term Liabilities	450,000.00								
Total Liabilities	3,100,000.00								
Equity									
Equity	8,200,000.00								
Total Equity	8,200,000.00								
<u>Current Year Result</u>	<u>65,000.00</u>								
Values last updated: 01/03/2001 11:39:00 PM Printed on: 06/03/2001									

This report consists of one main report and a subreport. The main report shows the statement account hierarchy and the values for these accounts. The subreport contains ratios that are calculated based on the values in the main report.

The main report contains the following groupings:

- Description of level 2 parents (tffst310.ld02)
- Description of level 1 parents (tffst310.ld01)
- Description of level 0 statement account (tffst310.ld00)

The value that is placed in the detailed section comes from the Balance Sheet value (tffst302.fbyd) field. Each group value contains the summation of this tffst302.fbyd value.

The ratios in the subreport are calculated using formulas. The following formulas have been defined:

- Current Ratio: $\text{Abs}(\{\# \text{Current Assets}\}) / \text{Abs}(\{\# \text{Short Term Liabilities}\})$
- Debt Ratio: $\text{Abs}(\{\# \text{Total Liabilities}\}) / \text{Abs}(\{\# \text{Total Assets}\})$
- Net Working Capital: $\text{Abs}(\{\# \text{Current Assets}\}) - \text{Abs}(\{\# \text{Short Term Liabilities}\})$

NOTE

In the page footer of the report, the “Last Refreshed” date is presented. This date is picked up from the tffst340.date and tffst340.time fields. To link the Financial Value Export Setting History (tffst340) table to the Financial Statement Values (tffst302) table, you can use the Run Number (tffst302.runn/tffst340.runn) field.

The following selections have been defined in the Select Expert:

- Tffst302.fstm = “OW1”
- Tffst302.year = 2002.00
- Tffst302.perd = 6.00
- Tffst302.hcur = “HFL”

The linked tables are:

- Tffst302 – tffst310
- Tffst302 – tffst340

Costs and revenues by departments and areas (CostsandRevenuesbyDepartment&Area.rpt)

BAAN



 OnWheels

 Core - Materials - Bicycle



 Crystal

Costs and Revenues by Departments & Areas
 OnWheels Inc.

for the period ended March 31, 2001

Account	Department Area	Finance Dept	Management	Production D	Purchase Dept	Sales Department				Total
		A/A	A/A	A/A	A/A	East	North	South	West	
CY110	Department Core	-100.00	-600.00	-200.00	-100.00	-800.00	0.00	0.00	0.00	-1,600.00
CY120	Department Software	-100.00	0.00	-1,400.00	-100.00	-1600.00	0.00	0.00	0.00	-1,600.00
CY130	Department Buildings	-200.00	-200.00	-1,500.00	-500.00	-400.00	0.00	0.00	0.00	-3,400.00
CY140	Sales East	0.00	0.00	0.00	0.00	0.00	-1,000.00	-1,000.00	-1,000.00	-3,000.00
CY150	West	-500.00	-1,000.00	-700.00	-500.00	-1,400.00	0.00	0.00	0.00	-4,600.00
CY160	Travel Expenses	-200.00	-500.00	0.00	-500.00	-1,200.00	0.00	0.00	0.00	-2,900.00
CK110	Sales Core	0.00	0.00	0.00	0.00	0.00	3,000.00	4,000.00	3,000.00	10,000.00
CK120	Sales Software	0.00	0.00	0.00	0.00	0.00	4,000.00	5,000.00	3,000.00	12,000.00
CK130	Sales Buildings	0.00	0.00	0.00	0.00	0.00	3,000.00	3,000.00	1,000.00	7,000.00
CK140	Sales Expenses	0.00	0.00	0.00	0.00	0.00	3,000.00	3,000.00	1,000.00	7,000.00
Total		-1,400.00	-1,600.00	-5,100.00	-1,100.00	-3,600.00	9,000.00	16,000.00	8,000.00	13,400.00

Last Refreshed: 11/15/2001 11:19:29 AM

Printed on: 04/01/07, 10:11

Page 1 of 1

User: Ralston@ivc4001 11/19/2001
Printed on 11/19/2001

Page 1 of 1

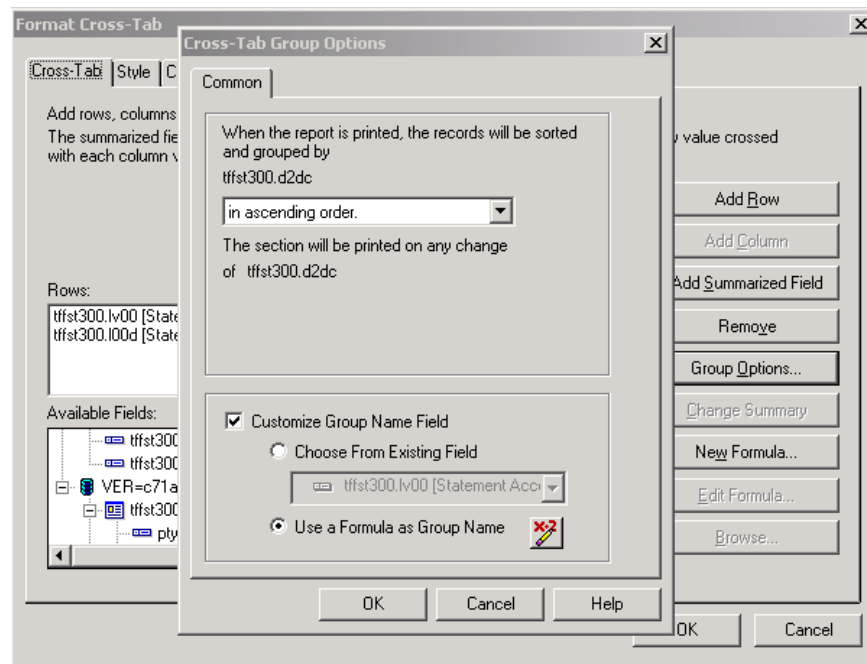
This report contains a cross-tab, which shows the cost and revenue categories (statement accounts) in the rows and the departments and areas (dimensions) in the columns. In the columns, the values are split up first by departments, and then by areas.

The cross-tab is created as follows:

- Columns:
 - Tffst302.d1dc (Dimension 1 Description)
 - Tffst302.d4dc (Dimension 4 Description)
- Rows:
 - Tffst302.lv00 (Statement Account)
 - Tffst302.l00d (Statement Account Description)

Summarized field (showing the values):

- Sum of tffst302.finh (Finalized income amount)



NOTE If no split up by area exists, then **N/A** is shown. To achieve this, you must click **Group Options** in the **Format Cross-Tab** dialog box. In the **Cross-Tab Group Options** dialog box, the following formula is provided as the customized group name field:

if {tffst302.d4dc} = "" then "N/A" else {tffst302.d4dc}

NOTE In the page footer of the report, the **Last Refreshed** date is presented. This date is picked up from the tffst340.date and tffst340.time fields. To link the Financial Value Export Setting History (tffst340) table to the Financial Statement Values (tffst302) table, you can use the Run Number (tffst302.runn/tffst340.runn) field.

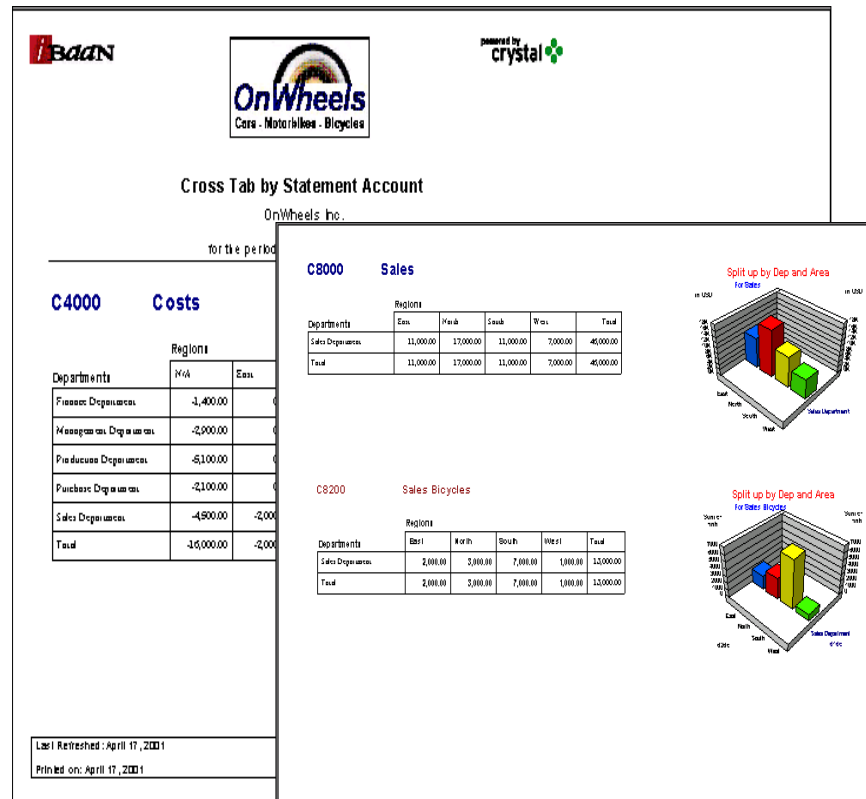
The following selections are defined in the Select Expert:

- Tffst302.fstm = "OW1"
- Tffst302.budg = "ACT"
- Tffst302.ptyp STR = "Fiscal"
- Tffst302.year = 2002.00
- Tffst302.perd = 6.00
- Tffst302.hcur = "HFL"

Linked tables:

- Tffst302 – tffst310
- Tffst302 – tffst340

Cross-tab by statement account (CrossTabbyStatementAccount.rpt)



This report contains cross-tabs of departments and regions, which show the cost and revenue values. The cross-tab values are grouped by statement accounts, so the values show the values for the statement account as shown in the group header.

The grouping is defined in the following way:

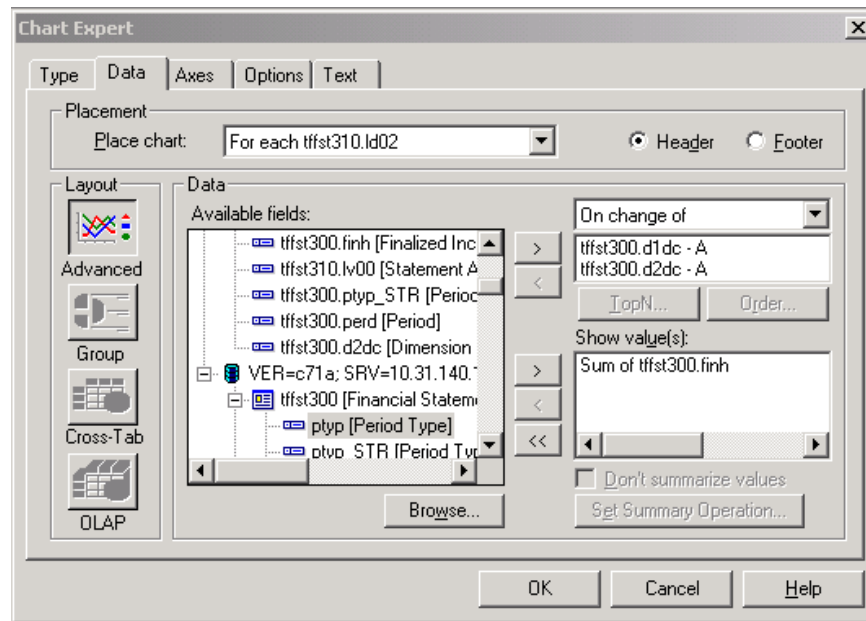
- Group 1: tffst310.ld02 Statement Account Description Level 2
- Group 2: tffst310.ld01 Statement Account Description Level 1 (Hidden, drill down possible)
- Group 3: tffst310.ld00 Statement Account Description Level 0 (Hidden, drill down possible)

In addition to the cross-tabs, graphs are shown. The graphs are based on exactly the same data as the cross-tabs.

Both the cross-tabs and the graphs are placed in the tffst310.ld02 group header. The cross-tabs are created as follows:

- Columns:
 - Tffst302.d4dc (Dimension 4 Description)
- Rows:
 - Tffst302.d1dc (Dimension 1 Description)
- Summarized field (showing the values):
 - Sum of tffst302.finh (Finalized income amount)

The graph settings are provided in the **Chart Expert** dialog box, as shown in the following figure:



The following selections are defined in the Select Expert:

- Tffst302.fstm = "OW1"
- Tffst302.budg = "ACT"
- Tffst302.ptyp STR = "Fiscal"
- Tffst302.year = 2002.00
- Tffst302.perd = 6.00
- Tffst302.hcur = "HFL"

Linked tables:

- Tffst302 – tffst310

Income statement (IncomeStatement.rpt)

Income Statement

OnWheels Inc.

for the period ended March 31, 2001

	Current Period				Year to Date			
	Actual	Budget	Difference	Diff. %	Actual	Budget	Difference	Diff. %
Sales								
Sales Bicycles	13,000.00	12,000.00	1,000.00	8.33%	36,000.00	36,000.00	3,000.00	8.33%
Sales Bicycles	13,000.00	12,000.00	1,000.00	8.33%	36,000.00	36,000.00	3,000.00	8.33%
Sales Cars	15,000.00	10,000.00	5,000.00	50.00%	45,000.00	30,000.00	15,000.00	50.00%
Sales Motorbik	15,000.00	14,000.00	1,000.00	28.57%	42,000.00	42,000.00	12,000.00	28.57%
Sales Motors	33,000.00	24,000.00	9,000.00	37.50%	99,000.00	72,000.00	27,000.00	37.50%
Total Sales	46,000.00	36,000.00	10,000.00	27.78%	132,000.00	102,000.00	30,000.00	27.78%
Costs								
Sales Costs	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Cost of Goods Sold	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Depreciation B	-4,000.00	-5,000.00	1,000.00	-20.00%	-12,000.00	-16,000.00	3,000.00	-20.00%
Depreciation C	-2,000.00	-1,000.00	-1,000.00	100.00%	-6,000.00	-3,000.00	-3,000.00	100.00%
Depreciation M	-2,000.00	-2,500.00	500.00	-20.00%	-6,500.00	-7,500.00	1,000.00	-20.00%
Depreciation Costs	-8,000.00	-8,500.00	500.00	-5.88%	-24,500.00	-25,500.00	1,000.00	-5.88%
Travel Expense	-3,000.00	-1,000.00	-2,000.00	200.00%	-9,000.00	-3,000.00	-6,000.00	200.00%
Wages	-5,000.00	-9,000.00	4,000.00	-44.44%	-15,000.00	-27,000.00	12,000.00	-44.44%
Staff Costs	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Total Costs	-24,000.00	-25,500.00	1,500.00	-5.79%	-72,000.00	-85,500.00	13,500.00	-5.79%
Result	22,000.00	7,500.00	14,500.00	193.33%	66,000.00	22,500.00	43,500.00	193.33%

Values last updated: 4/5/2001 1:09:32PM

Printed on: April 17, 2001

Page 1 of 1

This report shows a side-by-side comparison between actual and budget figures in the month March 2001, and calculates a difference and difference percentage. Both the current period figures, as well as the year-to-date figures, are shown.

Grouping is defined as follows:

- Group 1: tffst310.ld02 Statement Account Description Level 2
- Group 2: tffst310.ld01 Statement Account Description Level 1
- Group 3: tffst310.ld00 Statement Account Description Level 0

In addition to the user-defined groupings, a report footer total is also designed, which shows an overall total for the report.

The various base values in the report have been calculated by use of the following user-defined formulas. Here, only the formula names are provided.

For the exact formula logic, refer to the Crystal report definition.

- Current period Actual (Actual)
- Current period Budget (Budget)
- Y-t-D Actual (Actual_YtD)
- Y-t-D Budget (Budget_YtD)

The differences and difference percentages in the reports are calculated by use of the following formulas. Here, only the formula names are provided.

For the exact formula logic, refer to the Crystal report definition.

- Difference percentage level 0 (diff%_lvl0)
- Difference percentage, level 0, Y-t-D (diff%_lvl0_YtD)
- Difference percentage level 1 (diff%_lvl01)
- Difference percentage level 1, Y-t-D (diff%_lvl1_YtD)
- Difference percentage level 2 (diff%_lvl02)
- Difference percentage level 2 (diff%_lvl2_YtD)
- Difference % for the total of the report (Diff%_TOT)
- Difference % for the total of the report (Diff%_TOT_YtD)

NOTE

In the page footer of the report, the “Last Refreshed” date is presented. This date is picked up from the tffst340.date and tffst340.time fields. The Financial Value Export Setting History (tffst340) table is linked to the Financial Statement Values (tffst302) table using the Run Number (tffst302.runn/tffst340.runn) field.

The following selections have been defined in the Select Expert:

- Tffst302.fstm = “OW1”
- Tffst302.budg = ACT
- Tffst302.ptyp STR is one of Fiscal or Budget
- Tffst302.year = 2002
- Tffst302.perd = 6
- Tffst302.hcur = “HFL”

Linked tables:

- Tffst302 – tffst310
- Tffst302 – tffst340

Income statement (with drilldown) (IncomeStatement_drilldown.rpt)







Income Statement (with drilldown)

OnWheels Inc.

for the period ended March 31, 2001

	Current Period				Year to Date			
	Actual	Budget	Difference	Diff. %	Actual	Budget	Difference	Diff. %
Sales								
Sale - Bicycles	12,000.00	12,000.00	1,000.00	8.33	35,000.00	36,000.00	3,000.00	8.33
Sale - Motors	33,000.00	24,000.00	9,000.00	37.50	35,000.00	72,000.00	27,000.00	37.50
Total Sales	45,000.00	36,000.00	10,000.00	27.78	125,000.00	108,000.00	39,000.00	27.78
Costs								
Cost of Goods Sold	-8,000.00	-10,000.00	2,000.00	-20.00	-24,000.00	-30,000.00	6,000.00	-20.00
Depreciation Costs	-8,000.00	-5,500.00	2,500.00	-30.30	-24,000.00	-25,500.00	1,500.00	-30.30
Staff Costs	-8,000.00	-10,000.00	2,000.00	-20.00	-24,000.00	-30,000.00	6,000.00	-20.00
Total Costs	-24,000.00	-25,500.00	1,500.00	-5.88	-72,000.00	-85,500.00	13,500.00	-5.88
Result	<u>22,000.00</u>	<u>7,500.00</u>	<u>14,500.00</u>	<u>193.33</u>	<u>66,000.00</u>	<u>22,500.00</u>	<u>43,500.00</u>	<u>193.33</u>

Values Last Updated: 4/5/2001 1:09:52PM

Printed on: April 17, 2001

Page 1 of 1

This report contains the same information components as the IncomeStatement.rpt report, except for the fact that the lowest level group (Group Footer 3) is hidden and can be accessed by drilling down on Group Footer 2.

Income statement with exception reporting (IncomeStatement-exceptions.rpt)







Income Statement with Exception Reporting

OnWheels Inc.

for the period ended March 31, 2001

	Current Period				Year to Date			
	Actual	Budget	Difference	Diff. %	Actual	Budget	Difference	Diff. %
Sales								
Sales Bicycles	13,000.00	12,000.00	1,000.00	8.33%	36,000.00	36,000.00	3,000.00	8.33%
Sale i Bicycles	12,000.00	12,000.00	1,000.00	8.33%	35,000.00	36,000.00	2,000.00	5.56%
Sales Cars	15,000.00	10,000.00	5,000.00	50.00%	45,000.00	30,000.00	15,000.00	50.00%
Sales Motorbik	12,000.00	14,000.00	4,000.00	28.57%	54,000.00	42,000.00	12,000.00	28.57%
Sale i Motors	22,000.00	24,000.00	5,000.00	22.50%	35,000.00	72,000.00	27,000.00	37.50%
Total Sales	46,000.00	36,000.00	10,000.00	27.78%	132,000.00	102,000.00	30,000.00	27.78%
Costs								
Sales Costs	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Cost of Goods Sold	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Depreciation B	-1,000.00	-5,000.00	1,000.00	-20.00%	-12,000.00	-15,000.00	3,000.00	-20.00%
Depreciation C	-2,000.00	-1,000.00	-1,000.00	100.00%	-6,000.00	-3,000.00	-3,000.00	100.00%
Depreciation M	-2,000.00	-2,500.00	500.00	-20.00%	-6,000.00	-7,500.00	1,500.00	-20.00%
Depreciation Costs	-8,000.00	-8,500.00	500.00	-5.88%	-24,000.00	-25,500.00	1,500.00	-5.88%
Travel Expense	-3,000.00	-1,000.00	-2,000.00	200.00%	-9,000.00	-3,000.00	-6,000.00	200.00%
Wages	-5,000.00	-9,000.00	4,000.00	-44.44%	-15,000.00	-27,000.00	12,000.00	-44.44%
Staff Costs	-8,000.00	-10,000.00	2,000.00	-20.00%	-24,000.00	-30,000.00	6,000.00	-20.00%
Total Costs	-24,000.00	-28,500.00	4,500.00	-15.79%	-72,000.00	-55,500.00	16,500.00	-15.79%
Result	22,000.00	7,500.00	14,500.00	193.33%	60,000.00	22,500.00	37,500.00	193.33%

Values Last Updated: 4/5/2001 1:49:25PM

Printed on: April 17, 2001

Page 1 of 1

This report contains the same information components as the IncomeStatement.rpt report, except for the fact that conditional formatting has added to the difference percentage fields. The conditional formatting is defined in a way that if the difference percentage is higher than 20%, the information shows up in italics and is colored red. The logic of this conditional formatting formula is:

- Font_Style: if Abs ({@Diff.%_lv10}) > 20 then crItalic else crRegular.
- Font_Color: if Abs ({@Diff.%_lv10}) > 20 then crRed else crBlack.

Income statement by department and area (IncomeStatementbyDepartm&Area.rpt)

Income Statement by Department and Area

On Wheels Co. Inc.

for the period ended March 31, 2001

Total

Departments		Finance Dept		Manufacturing		Production D		Purchasing Dept		Sales Department		Total	
Accounts		Regions	Mid	Mid	Mid	Mid	East	North	South	West			
Costs	Cost of Goods Sold	Sales Cost	0.00	0.00	0.00	0.00	0.00	-2,000.00	-1,000.00	-3,000.00	-1,000.00	-8,000.00	
		Total	0.00	0.00	0.00	0.00	0.00	-2,000.00	-1,000.00	-3,000.00	-1,000.00	-8,000.00	
	Depreciation Costs	Depreciation Buildings	-300.00	-300.00	-2,000.00	-800.00	-800.00	0.00	0.00	0.00	0.00	-4,900.00	
		Depreciation Cars	-200.00	-200.00	-300.00	-100.00	-800.00	0.00	0.00	0.00	0.00	-2,600.00	
		Depreciation Inventory	-100.00	0.00	-1,000.00	-200.00	-100.00	0.00	0.00	0.00	0.00	-2,400.00	
		Total	-600.00	-500.00	-3,300.00	-1,100.00	-1,700.00	0.00	0.00	0.00	0.00	-6,600.00	
Self Cost	Travel Expenses												
	Wages												
	Total												
Total													
Sales	Sales Bicycles	Sales Bicycles											
		Total											
	Sales Motor	Sales Cars											
		Sales Motorbikes											
		Total											
	Total												
Total													

Departments		Sales Department				Total		
Accounts		Regions		East	North	South	West	
Sales	Sales Bicycles	Sales Bicycles		2,000.00	3,000.00	7,000.00	1,000.00	13,000.00
		Sales Motor		3,000.00	6,000.00	2,000.00	4,000.00	15,000.00
	Sales Motorbikes			6,000.00	8,000.00	2,000.00	2,000.00	18,000.00
Total				11,000.00	17,000.00	11,000.00	7,000.00	46,000.00

Value not set parameter: ***BUDGET 12,175,000

Printed on: 08/01/01, 2001

Page 1 of 1

This report contains cross-tabs, showing the cost and revenue categories (statement accounts) in the rows and the departments and areas (dimensions) in the columns. In the rows, the parent-child relations between the various statement account levels are shown. In the columns, the values are split up first by departments, and then by areas. Then, an additional selection is created through which you can specifically show either the sales or the cost accounts.

The cross-tab is created as follows:

- Columns:
 - Tffst302.d1dc (Dimension 1 Description)
 - Tffst302.d4dc (Dimension 4 Description)

- Rows:
 - Tffst302.ld02 (Statement Account Description Level 2)
 - Tffst302.ld01 (Statement Account Description Level 1)
 - Tffst302.ld00 (Statement Account Description Level 0)
- Summarized field (showing the values):
 - Sum of the “Actual” formula. This formula contains the following logic:
if {tffst302.budg} = "ACT" then {tffst302.finh} else 0

NOTE

If no split up by Area exists, then N/A is shown. To achieve this, you must click **Group Options** in the **Format Cross-Tab** dialog box. In the **Cross-Tab Group Options** dialog box, the following formula is provided as Customized Group Name Field: if {tffst302.d4dc} = "" then "N/A" else {tffst302.d2dc}

To create the additional filtering option, you must add groups based on the Statement Account Description Level 2 (tffst310.ld02) field. These groups are hidden and only accessible if you drill down using the icons in the navigation bar.

The following selections are defined in the Select Expert:

- Tffst302.fstm = “OW1”
- Tffst302.budg = “ACT”
- Tffst302.ptyp STR = “Fiscal”
- Tffst302.year = 2002
- Tffst302.perd = 6
- Tffst302.hcur = “HFL”

Linked tables:

- Tffst302 – tffst310
- Tffst302 – tffst340

**Income statement by department (sorted by department category)
(IncomeStatementbyDepartment_byDepCategory.rpt)**

Income Statement by Department

for the period

Current Period

Actual	Budget	Difference
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All Departments

Finance Department

Depreciation Costs	-1,200.00	-1,400.00	200.00
Staff Costs	-1,600.00	-2,400.00	800.00
Total Costs	-2,800.00	-3,800.00	1,000.00

Management Department

Depreciation Costs	-1,200.00	-1,000.00	-200.00
Staff Costs	-4,000.00	-2,400.00	-1,600.00
Total Costs	-5,200.00	-3,400.00	-2,400.00

Production Department

Depreciation Costs	-3,200.00	-3,400.00	600.00
Staff Costs	-1,400.00	-2,000.00	600.00

Values Last Updated: 4/5/2001 1:09:28PM

Printed on: April 12, 2001

Direct Departments

Production Department

Depreciation Costs	-3,200.00	-3,400.00	600.00
Staff Costs	-1,400.00	-2,000.00	600.00
Total Costs	-10,200.00	-11,400.00	1,200.00

Purchase Department

Depreciation Costs	-1,600.00	-2,400.00	800.00
Staff Costs			
Total Costs			

Total Costs

Indirect Departments

Finance Department

Depreciation Costs	-1,200.00	-1,400.00	200.00
Staff Costs	-1,600.00	-2,400.00	800.00
Total Costs	-2,800.00	-3,800.00	1,000.00

Total Sales

Management Department

Depreciation Costs	-1,200.00	-1,000.00	-200.00
Staff Costs	-4,000.00	-2,400.00	-1,600.00
Total Costs	-5,200.00	-3,400.00	-2,400.00

Total Costs

This report shows the costs and revenues components similar to the IncomeStatement.rpt report. However, the lowest two levels of statement accounts are hidden and only accessible by drilling down. In addition, an additional grouping is created, based on the parent Department dimensions. In this way, you can show the report for all departments together, or only for the direct departments, or only for the indirect departments. The additional grouping is created in the following way:

- Group 1 is defined based on the Parent Description (tffst331.pdes) field. In this way, all possible Department parents are included in Group Header 1.
- Group 2 is defined based on the Description (tffst331.desc) field. This field contains the description of the lowest level departments.
- Group 3 is defined based on the Statement Account Description Level 2 (tffst310.ld02) field. This group contains the statement account parents at level 2.

- Group 4 is defined based on the Statement Account Description Level 1 (tffst310.ld01) field. This group contains the statement account parents at level 1. The group contents are hidden and can be shown by drilling down.
- Group 5 is defined based on the Statement Account Description Level 0 (tffst310.ld00) field. This group contains the statement accounts at level 0. The group contents are hidden and can be shown by drilling down.

NOTE

The grouping as created in Group 1 (based on the tffst331.pdes) field is not intended to create an entire drill-down structure from top (by means of sublevels) to bottom. The grouping is intended for filtering purposes. If you want to create a drilldown report along the dimension structure, you must copy the dimension structure as statement accounts in the Financial Statements module.

The following selections are defined in the Select Expert:

- Tffst302.fstm = "OW1"
- Tffst302.budg = "ACT"
- Tffst302.ptyp STR is one of Fiscal or Budget
- Tffst302.year = 2002
- Tffst302.perd = 6
- Tffst302.hcur = "HFL"

Linked tables:

- Tffst302 – tffst310
- Tffst302 – tffst331
- Tffst302 – tffst340

Rolling income statement (realrollingincomebest.rpt)

   OnWheels Inc. Rolling Income Statement March, 2001												
	March	April	May	June	July	August	September	October	November	December	January	February
Balances												
Balances Bicycle	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	0.00	0.00
Balances Bicycle	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	0.00	0.00
Balances Car	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	0.00	0.00
Balances Motorcycle	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	16,000.00	0.00	0.00
Balances Motorcycle	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	32,000.00	0.00	0.00
Balances	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	46,000.00	0.00	0.00
Costs												
Balances Costs	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	0.00	0.00
Costs of Good sold	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	0.00	0.00
Depreciation Buildings	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	+4,000.00	0.00	0.00
Depreciation Cars	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	0.00	0.00
Depreciation Machines	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	0.00	0.00
Depreciation Costs	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	0.00	0.00
Travel Expenses	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	-3,000.00	0.00	0.00
Wages	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	0.00	0.00
Start Costs	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	-6,000.00	0.00	0.00
Costs	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	-24,000.00	0.00	0.00
Income	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	22,000.00	0.00	0.00
Last Refreshed: April 05, 2001 Printed on: April 18, 2001 Page 1 of 1												

This report shows periodical values for the current month and 11 months ahead. Based on the user-specified starting month, the report automatically shows the values for the starting month and the subsequent months.

The assignment of names to the various periods is automated by use of formulas. In the report definition, the formulas are named as Name1, Name2, and so on through Name12. For the exact details of these formulas, refer to the report definition.

The values for the various periods are selected by means of formulas. First, the formula called wildcard selects the Finalized Income Amount (tffst302.finh). Next, this value is used in the formulas called Period1, Period2, and so on through Period12. For the exact details of these formulas, refer to the report definitions.

The groupings are defined along the financial statement structure. Each group contains a subtotal of the periodical values. The groupings are defined in the following way:

- Group 1 is defined based on the Statement Account Level 2 (tffst310.l002) field
- Group 2 is defined based on the Statement Account Level 1 (tffst310.l001) field
- Group 3 is defined based on the Statement Account Level 0 (tffst302.l000) field

The following selections are defined in the Select Expert:

- Tffst302.fstm = “OW1”
- Tffst302.budg = {?Actual or Budget Code} (input based on prompting parameters)
- Tffst302.ptyp STR is unequal to Reporting
- Tffst302.hcur = “HFL”

Linked tables:

- Tffst302 – tffst310

Prompting parameters:

- Year
- Period
- Actual or Budget Code

Rolling income statement by area (realrollingincomebestwitharea.rpt)







OnWheels Inc.
Rolling Income Statement by Area
as from March, 2001

N/A

Costs

	March	April
Depreciation Buildings	-4,000.00	-4,000.00
Depreciation Cars	-2,000.00	-2,000.00
Depreciation Machines	-2,000.00	-2,000.00
Depreciation Costs	-8,000.00	-8,000.00
Travel Expenses	-3,000.00	-3,000.00
Wages	-5,000.00	-5,000.00
Staff Costs	-8,000.00	-8,000.00
Costs	-16,000.00	-16,000.00

Income

	-16,000.00	-16,000.00
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East

	March	April	May	June	July	August	September	October
Sales								
Sales Bicycles	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Sales Bicycles	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
Sales Cars	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Sales Motorbikes	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
Sales Motorbikes	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
Sales	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00
Costs								
Costs Costs	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00
Costs Goods Sold	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00
Costs	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00
Income	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00

North

	March	April	May	June	July	August	September	October
Sales								
Sales Bicycles	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Sales Bicycles	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Sales Cars	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00
Sales Motorbikes	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00

This reports shows the same information components as the realrollingincomebest.rpt report. However, an additional grouping has been added based on the Dimension 2 Description (tffst302.d2dc) field. By adding this group, a P&L by Area is provided. The values that are not linked to a specific area are grouped under N/A. This grouping is achieved by means of the following formula as group name for Group 1:
if {tffst302.d2dc} = "" then "N/A" else {tffst302.d2dc}.

The following selections are defined in the Select Expert:

- Tffst302.fstm = "OW1"
- Tffst302.budg = {?Actual or Budget Code} (input based on prompting parameters)
- Tffst302.ptyp STR is unequal to Reporting
- Tffst302.hcur = "HFL"
- Linked tables:
 - Tffst302 – tffst310

- Prompting parameters:
 - Year
 - Period
 - Actual or Budget Code

