

This chapters focus is on the creation of reports in Access.

Objectives

- Plan a report
- Use different report views
- Create and edit a report
- Identify report elements, sections, and controls

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- Add grouping levels in Layout View
- Add Fields to a report
- Use the Report Wizard

The objectives of this chapter are:

- 1. Plan a report
- 2. Use different report views
- 3. Create and edit a report
- 4. Identify report elements, sections, and controls
- 5. Add grouping levels in Layout View
- 6. Add Fields to a report
- 7. Use the Report Wizard



Reports are printed documents that display information from the database. They allow us to layout data in a useful and attractive manner.



You should take the tame to plan your report in advance. Just a few of the things you should take time to consider before you begin creating your report are:

- 1.Information to include
- 2. Overall look
- 3. Grouping levels
- 4.Calculations that will be needed
- 5. How the report will be distributed



Reports may be based off of one or more tables or queries. Before beginning your report, you should have already determined what the underlying source or your report will be.



The Report tool creates a very basic report and only allows for the use of one table or one query. In order to choose the data source for the report, the table or query you wish to use must be selected in the Navigation pane before choosing the Report Tool icon. The Report tool icon is located in the Reports Group of the Create tab. After clicking the Report icon, the report will automatically generate.

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The Report Wizard allows you to use multiple tables and queries in a report. Unlike the Report Tool, all fields in the table do not have to be used when creating a report with the wizard. The Report Wizard also add the capability of summarizing or detailing data.

Report Views – Changing Views	
 To change views, click the Views icon, select the View desired 	
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To change views when working with a report, click the Views icon and select the View desired.

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	4 Lee	Christina	912-555-8493
	5 O'Donnell	Martin	229-555-6958
	6 Pérez-Olaeta	Francisco	229-555-3487
	8 Andersen	Elizabeth	229-555-1265
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- Dicplaye	the report ac	it will anno	ar whon
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	povright © 2008 Pearson Prentice	Hall, All rights reserved.	9

Print Preview displays the report as it will appear when printed. Exit Print Preview by selecting the Close Print Preview icon located in the upper right section of the ribbon bar.



Design View shows only the structure of the report while allowing you to customize individual elements of the report. Keep in mind that you do not see any report data when using this view.



Reports can be altered in Layout View. This view differs from Design View in that the data can be seen while report elements are adjusted. Even though this view presents the data to the user, Print Preview should still be used to judge the final look of the report before printing.



To create a filter in a report, right click a field name in layout view and select the criteria desired from the shortcut mean. You can clear the filter by choosing Clear filter from "Field Name" from the shortcut menu. Note that this option is only available once a filter has been applied.



The property sheet can be accessed by right-clicking the report or an individual element in a report.

It allows you to change all available properties of an element or report.



By default, the graphical element on a basic report is a report binder logo. This element can be changed by selecting the Formatting tab, choosing the Logo icon and selecting the desired image from the Insert Picture dialog box.



In the Detail section of a report, data repeats once for each record that exists in the source data for the report.



Report headers are printed only once - at the beginning of the report. Page headers print at the top of every page.

Group Headers appear once at the start of a new grouping. Group Footers appear once at the end of a grouping.

Page footers print once at the end of each page. Report footers print only once - at the end of the report.

Controls allow you to position, display, format and calculate report date. They are manipulated in Design View. There are two types of controls: bound – tied to an underlying source and unbound – not tied to an underlying source.

Examples of Unbound Controls include report titles or explanatory text added to the report.

Examples of bound controls include calculations made form the data in the underlying table or query and records in the detail section.

Calculated controls are created by using an expression instead of a record value. The expression usually consists of values in referenced fields in underlying tables or queries.

The Group and Sort tool allows you to summarize data by displaying the Group, Sort and Total pane in the bottom of the report.

The Group, Sort and Totals Pane allows you to select primary as well as secondary grouping fields.

Adding additional grouping levels beyond a primary grouping level results in nested groups.

Selecting the More option in the Groups, Sort and Total pane expands the options for the group.

After selecting the Add a sort option, choose the desired field from the displayed field list.

To remove groups, sorts or totals, display the groups, sort and total pane and strike delete.

Click Yes if a warning box appears that tells you the group has a header or footer section and the controls there will be deleted as well.

The Report Wizard creates a report based on answers that you provide to a series of questions given in the form of dialog boxes. .It also allows you to apply a predefined style to your report.

The first dialog box allows you to choose one or more tables and/or queries that your report will be based on as well as the individual fields for your report.

In the second dialog box of the Report Wizard, you can specify primary and secondary grouping levels and change their order of precedence in the report.

The Report Wizards third dialog box allows you to specify sorting and summary options.

Using	the Report Wizard - Layout	
Choose a layout	Report Wizard How would you like to lay out your report?	
	Cancel C	
Pick a la	ayout	
Choose	landscape or portrait	
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The next Report Wizard dialog box asks you to pick a layout. You can also chose whether your report orientation will be landscape or portrait.

Choose from several predetermined styles in the next Report Wizard dialog box. The Office style is selected by default.

The last dialog box allows to name your report. You can also choose whether to preview the report or proceed to modify the design.

